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CONDENSING UNIT SPLIT SYSTEM



HSA

1 1/2 TO 5 TON, DELUXE

Refrigeration Circuit

- Filter drier supplied with every unit for field installatio
- Copper tube, aluminum fin coi

Built to Last

- High gloss, baked on powder coat finish over galvanized steel

- Coated inlet grille with 3/8" grille spacing for extra protection
- Corner Posts for extra strength and style

Easy to Install and Service

- Easy Access service valves on all models
- Compressor access panel
- External high and low refrigerant service ports
- Fan motor in line disconnect plug
- Only two screws to access control panel
- Rated in accordance with ARI Standard

- Post painted (black) coil fin
- SermaGard® coated cabinet screws

UP TO 16 SEER, R410A, 1-STAGE

- Environmentally sound R410A
- Copeland Scroll™ compressors on all models
- Self-configuring installation capabilities with ION communicating wall control (NOT INCLUDED)
- Outdoor temperature sensor factory installed
- Text based diagnostics with Observer Communicating Wall Control
- Innovative control box design

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
3 year No Hassle replacement

Available for installation in the Southwest region only.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH			H	L	W		
HSA518GKA*	1 1/2	18800		208-230/1/60	28 11/16	31 3/16	31 3/16	213	
HSA524GKA*	2	23600		208-230/1/60	28 11/16	31 3/16	31 3/16	213	
HSA530GKA*	2 1/2	29600		208-230/1/60	32 1/8	31 3/16	31 3/16	199	
HSA536GKA*	3	34600		208-230/1/60	35 1/2	31 3/16	31 3/16	211	
HSA542GKA*	3 1/2	40000		208-230/1/60	28 11/16	31 3/16	31 3/16	237	
HSA548GKA*	4	45000		208-230/1/60	28 11/16	31 3/16	31 3/16	238	
HSA560GKA*	5	56500		208-230/1/60	32 1/8	31 3/16	31 3/16	257	

UP TO 16 SEER, R410A, 1-STAGE

- Environmentally sound R410A
- Copeland Scroll™ compressors on all models
- Self-configuring installation capabilities with ION communicating wall control (NOT INCLUDED)
- Outdoor temperature sensor factory installed
- Text based diagnostics with Observer Communicating Wall Control
- Innovative control box design

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
3 year No Hassle replacement

Suitable for installation in North and South regions only.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
HSA618GKA*	1 1/2	18800	16.5	208-230/1/60	28 9/16	31 3/16	31 3/16	208	\$3,110.90
HSA624GKA*	2	23200	16.0	208-230/1/60	28 9/16	31 3/16	31 3/16	208	\$3,344.84
HSA630GKA*	2 1/2	28000	16.0	208-230/1/60	32	31 3/16	31 3/16	217	\$3,602.24
HSA636GKA*	3	33200	16.0	208-230/1/60	29 7/8	35	35	234	\$4,126.86
HSA642GKA*	3 1/2	41500	16.0	208-230/1/60	40 1/8	35	35	289	\$4,545.92
HSA648GKA*	4	46000	16.0	208-230/1/60	40 1/8	35	35	322	\$5,214.58
HSA660GKB*	5	54500	16.0	208-230/1/60	46 7/8	35	35	374	\$5,999.22

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

UP TO 17 SEER, R410A, 2-STAGE

- Up to 17 SEER, 2-Stage
- Environmentally sound R410A
- Copeland Scroll UltraTech™ compressors on all models
- Self-configuring installation capabilities with ION communicating wall control (NOT INCLUDED)
- Outdoor temperature sensor factory installed
- Text based diagnostics with Observer Communicating Wall Control
- Only 2 control wires required from communicating indoor unit to condenser
- Innovative control box design

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
10 year No Hassle replacement

Suitable for installation in all regions



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
HCA724GKA*	2	24600	17.0	208-230/1/60	35 9/16	31 3/16	31 3/16	252	\$4,555.66
HCA736GKA*	3	35400	17.0	208-230/1/60	35 9/16	31 3/16	31 3/16	291	\$5,730.02
HCA748GKA*	4	48500	17.0	208-230/1/60	40 1/4	35	35	380	\$6,403.84
HCA760GKB*	5	56500	14.5	208-230/1/60	40 1/4	35	35	372	\$6,495.08



HVA

UP TO 19 SEER, R410A, 2-STAGE, DURACOMFORT DELUXE

- Environmentally sound R410A
- Up to 19 SEER, 2-Stage
- Integrated inverter control enables 5-stage operation with complete ION communicating system including Observer control (NOT INCLUDED)
- Enhanced dehumidification
- Only 2 control wires required from communicating indoor unit to condenser

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
10 year No Hassle replacement
Some sizes not available in the Southwest region.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
HVA924GKA*	2	23800	16.0	208-230/1/60	31 13/16	23 1/8	23 1/8	150	\$4,156.16
HVA925GKA*	2	22600	19.0	208-230/1/60	38 1/2	23 1/8	23 1/8	177	\$4,780.56
HVA936GKA*	3	35000	16.0	208-230/1/60	38 1/2	23 1/8	23 1/8	177	\$5,444.98
HVA937GKA*	3	33600	19.0	208-230/1/60	38 15/16	31 3/16	31 3/16	242	\$6,551.72
HVA948GKA*	4	46000	15.5	208-230/1/60	38 15/16	31 3/16	31 3/16	242	\$6,207.44
HVA949GKA*	4	45500	19.0	208-230/1/60	43 11/16	35	35	285	\$7,345.96
HVA960GKA*	5	57500	15.0	208-230/1/60	42 5/16	31 3/16	31 3/16	268	\$7,058.80

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JOB LISTS

Find Out How

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

CONDENSING UNIT SPLIT SYSTEM

1 1/2 TO 5 TON, PERFORMANCE

Refrigeration Circuit

- Scroll compressors on all models
- Filter drier supplied with every unit for field installatio
- Copper tube, aluminum fin coi
- 4 and 5 ton models have 2 row coil for reduced height

Built to Last

- Baked on powder coat finish over galvanized stee
- Post painted (black) coil fin
- SermaGard® coated cabinet screws

Easy to Install and Service

- Easy access service valves on all models
- External high and low refrigerant service ports
- Fan motor in line disconnect plug
- Only two screws to access control panel



N4A

13 SEER, R410A, ENHANCED GUARD

- Up to 14 SEER with variable speed blower, TXV and TDR
- Coated inlet grille with 3/8" grille spacing for extra protection
- Factory charged with environmentally sound R410A refrigerant

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
Suitable for installation in the North only



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
N4A324GKG*	2	23000	13.0	208-230/1/60	25 5/16	23 1/8	23 1/8	127	\$1,979.18
N4A330GKG*	2	27800	13.0	208-230/1/60	28 11/16	25 3/4	25 3/4	149	\$2,124.18
N4A336GKF*	3	34200	13.0	208-230/1/60	25 5/16	31 3/16	31 3/16	168	\$2,473.16
N4A342GKN*	3 1/2	41000	13.0	208-230/1/60	32 5/16	32 5/16	31 3/16	217	\$2,721.36
N4A348GKG*	4	44500	13.0	208-230/1/60	35 1/2	31 3/16	31 3/16	205	\$2,872.80
N4A360GKN*	5	57500	13.2	208-230/1/60	25 1/2	31 3/16	31 3/16	235	\$3,612.10



NXA

UP TO 16 SEER, R410A

- Environmentally sound R410A
- Scroll compressor
- 48 and 60 models for higher SEER, lower capacity
- 49 and 61 models for higher capacity, lower SEER

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
May be installed in North and South regions. Not available in the Southwest region.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
NXA618GKA*	1 1/2	18000	16.0	208-230/1/60	28 11/16	25 3/4	25 3/4	154	\$2,325.12
NXA624GKA*	2	23400	16.0	208-230/1/60	28 5/16	31 3/16	31 3/16	147	\$2,503.02
NXA630GKA*	2 1/2	28400	16.0	208-230/1/60	32 5/16	31 3/16	31 3/16	188	\$2,703.96
NXA636GKB*	3	36000	16.0	208-230/1/60	28 5/16	35	35	204	\$3,099.64
NXA642GKA*	3 1/2	40500	16.0	208-230/1/60	39 1/8	35	35	254	\$3,417.52
NXA648GKA*	4	45500	16.0	208-230/1/60	39 1/8	35	35	317	\$3,921.10
NXA649GKA*	4	48000	16.0	208-230/1/60	39 1/8	35	35	269	\$3,095.70
NXA660GKB*	5	60000	16.0	208-230/1/60	45 11/16	35	35	310	\$4,508.86
NXA661GKA*	5	59000	16.0	208-230/1/60	45 15/16	35	35	310	\$3,561.42

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



NXA

14 SEER, R410A, PERFORMANCE, ENHANCED GUARD

Refrigeration Unit

- Scroll compressors on all models
- Filter-drier supplied with every unit for field installatio
- Copper tube / aluminum fin coi

Built to Last

- Baked on powder coat finish over galvanized stee
- Post painted (black) coil fin
- Coated, weather resistant cabinet screws
- Coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

Suitable for installation in the North and South regions. Not available in the Southwest region.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
NXA418GKC*	1 1/2	17500	14.0	208-230/1/60	23 1/8	24 13/16	23 1/8	158	\$2,067.42
NXA424GKC*	2	23400	14.0	208-230/1/60	23 1/8	25	25 3/4	108	\$2,224.16
NXA430GKC*	2 1/2	29600	14.5	208-230/1/60	31 3/16	31 13/16	31 3/16	215	\$2,399.42
NXA436GKC*	3	34200	14.0	208-230/1/60	31 3/16	24 13/16	31 3/16	232	\$2,752.28
NXA442GKC*	3 1/2	38500	14.0	208-230/1/60	31 3/16	39 1/8	31 3/16	259	\$3,028.42
NXA448GKC*	4	45000	14.5	208-230/1/60	31 3/16	28 7/16	31 3/16	200	\$3,481.54
NXA460GKC*	5	56500	14.0	208-230/1/60	31 3/16	31 13/16	31 3/16	353	\$3,988.86



N4A4

14 SEER, R410A, PERFORMANCE, COASTAL

Refrigeration Circuit

- Scroll compressors on all models
- Filter-drier included for field installation
- Copper tube / aluminum fin coi

Built to Last

- Baked-on powder coat finish on all side
- Corrosion protection epoxy phenolic coated aluminum fin
- Coated, weather-resistant cabinet screws
- Coastal coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)

Suitable for installation in the North and South regions. Not available in the Southwest region.

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
N4A418CKA*	1 1/2	17400	14.0	208-230/1/60	28 7/16	23 1/8	23 1/8	133	\$2,601.84
N4A424CKA*	2	23400	14.0	208-230/1/60	28 7/16	31 3/16	31 3/16	170	\$2,786.42
N4A430CKA*	2 1/2	28600	14.0	208-230/1/60	24 13/16	31 3/16	31 3/16	183	\$2,968.64
N4A436CKA*	3	33600	14.0	208-230/1/60	24 13/16	31 3/16	31 3/16	186	\$3,339.62
N4A442CKA*	3 1/2	40000	14.0	208-230/1/60	28 7/16	31 3/16	31 3/16	220	\$3,637.66
N4A448CKA*	4	45500	14.0	208-230/1/60	35 3/4	31 3/16	31 3/16	233	\$4,056.54
N4A460CKA*	5	57500	14.0	208-230/1/60	39 1/8	31 3/16	31 3/16	289	\$4,868.42



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

CONDENSING UNIT SPLIT SYSTEM



N4A4

14 SEER, R410A, PERFORMANCE, ENHANCED GUARD

Refrigeration Unit

- Scroll compressors on all models
- Copper tube / aluminum fin coil

Easy to Install and Service

- Easy Access service valves on all models

Built to Last

- Baked on powder coat finish over galvanized steel
- Post painted (black) coil fin
- Coated, weather resistant cabinet screws
- Coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
Available in the Southwest region only.



- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
N4A518GKC*	1 1/2	17200	14.0	208-230/1/60	25	25 3/4	25	190	\$20,000.00
N4A524GKC*	2	24000	14.5	208-230/1/60	32 5/16	25 3/4	32 5/16	203	\$20,000.00
N4A530GKC*	2 1/2	29600	14.5	208-230/1/60	31 13/16	31 3/16	31 13/16	200	\$20,000.00
N4A536GKC*	3	34600	14.0	208-230/1/60	31 3/16	31 3/16	35 3/16	217	\$20,000.00
N4A542GKC*	3 1/2	40000	14.0	208-230/1/60	28 7/16	31 3/16	28 7/16	263	\$20,000.00
N4A548GKC*	4	45000	14.5	208-230/1/60	28 7/16	31 3/16	28 7/16	272	\$20,000.00
N4A560GKC*	5	56500	14.0	208-230/1/60	31 13/16	31 3/16	31 13/16	322	\$20,000.00



R4A3

13 SEER, R410A, ENHANCED GUARD

Refrigeration Unit

- Scroll compressors on all models
- Copper tube / aluminum fin coil

Easy to Install and Service

- Easy Access service valves on all models

Built to Last

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)

Suitable for installation in the North only.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
R4A318GKH*	1 1/2	17800	13.0	208-230/1/60	24 7/8	23 1/8	23 1/8	124	\$1,462.60
R4A324GKH*	2	23000	13.0	208-230/1/60	24 7/8	23 1/8	23 1/8	127	\$1,559.50
R4A330GKH*	2 1/2	27800	13.0	208-230/1/60	28 11/16	25 3/4	25 3/4	149	\$1,693.04
R4A336GKH*	3	34200	13.0	208-230/1/60	24 7/8	31 3/16	31 3/16	151	\$1,887.38
R4A342GKH*	3 1/2	41000	13.0	208-230/1/60	31 11/16	31 3/16	31 3/16	186	\$2,114.74
R4A348GKH*	4	45500	13.0	208-230/1/60	35 1/16	31 3/16	31 3/16	205	\$2,390.66
R4A360GKH*	5	57500	13.0	208-230/1/60	28 1/4	31 3/16	31 3/16	218	\$2,647.78



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



R4A4

14 SEER, R410A, ENHANCED GUARD

Refrigeration Unit

- Scroll compressors on all models
- Copper tube / aluminum fin coil

Easy to Install and Service

- Easy Access service valves on all models

Built to Last

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)

- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

Suitable for installation in the North and South regions. Not available in the Southwest region.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
R4A418GKB*	1 1/2	17500	14.0	208-230/1/60	24 7/8	23 1/8	23 1/8	134	\$1,682.04
R4A424GKB*	2	23400	14.0	208-230/1/60	25 5/16	25 3/4	25 3/4	140	\$1,805.42
R4A430GKB*	2 1/2	29600	14.5	208-230/1/60	31 11/16	31 3/16	31 3/16	186	\$1,893.54
R4A436GKB*	3	34200	14.0	208-230/1/60	24 7/8	31 3/16	31 3/16	151	\$2,185.90
R4A442GKB*	3 1/2	41000	14.0	208-230/1/60	38 7/16	31 3/16	31 3/16	232	\$2,441.20
R4A448GKB*	4	45000	14.5	208-230/1/60	28 1/4	31 3/16	31 3/16	200	\$2,756.94
R4A460GKB*	5	56500	14.0	208-230/1/60	31 11/16	31 3/16	31 3/16	218	\$3,046.46



R4A5

14 SEER, R410A, ENHANCED GUARD

Refrigeration Unit

- Scroll compressors on all models
- Copper tube / aluminum fin coil

Easy to Install and Service

- Easy Access service valves on all models

- Factory charged with R-410A refrigerant

Built to Last

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 3/8" grille spacing for extra protection

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
Available in the Southwest region only.

- External high and low refrigerant service ports
- Only two screws to access control panel



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
R4A518GKB*	1 1/2	17200	14.0	208-230/1/60	25 5/16	25 3/4	25 3/4	145	\$20,000.00
R4A524GKB*	2	24000	14.5	208-230/1/60	32 1/16	25 3/4	25 3/4	148	\$20,000.00
R4A530GKB*	2 1/2	29600	14.5	208-230/1/60	31 11/16	31 3/16	31 3/16	186	\$20,000.00
R4A536GKB*	3	34600	14.0	208-230/1/60	35 1/16	31 3/16	31 3/16	171	\$20,000.00
R4A542GKB*	3 1/2	40000	14.0	208-230/1/60	28 1/4	31 3/16	31 3/16	226	\$20,000.00
R4A548GKB*	4	45000	14.5	208-230/1/60	28 1/4	31 3/16	31 3/16	200	\$20,000.00
R4A560GKB*	5	56500	14.0	208-230/1/60	31 11/16	31 3/16	31 3/16	218	\$20,000.00



NH4A4

14 SEER, R410A, HORIZONTAL

- Factory charged with R-410A refrigerant
- Scroll compressor
- Factory-supplied filter-drier
- High and Low pressure switches
- Line lengths up to 250 feet
- Small footprint

- Easy access service valves on all models
- Low ambient operation (down to 0°F)
- Ball-Bearing Fan Motor

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
Not available in the Southwest region.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
NH4A424AKA*	2	24000	14.0	208-230/1/60	31 1/8	36 15/16	14 9/16	189	\$4,571.90
NH4A430AKA*	2 1/2	29600	14.0	208-230/1/60	37 1/8	44 1/2	17 1/16	250	\$5,172.66
NH4A436AKA*	3	35400	14.0	208-230/1/60	37 1/8	44 1/2	17 1/16	250	\$5,457.36
NH4A448AKA*	4	45000	14.0	208-230/1/60	37 1/8	44 1/2	17 1/16	243	\$6,106.34
NH4A460AKA*	5	57000	14.0	208-230/1/60	43 1/8	44 1/2	17 1/16	299	\$7,006.68

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

CONDENSING UNIT SPLIT SYSTEM



TZALS SERIES

- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
 - Powder coat paint system – for a long lasting professional finish
 - Copeland scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
 - Modern cabinet aesthetics – increased curb appeal with visually appealing design
 - Vertical louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
 - Optimized fan orifice – optimizes airflow and reduces unit sound
 - Rust resistant screws – confirmed through 1500-hour salt spray testing
 - 3" between valves, 4" below valves, 5" above valves – provides a minimum working area of 27-square inches for easier access
 - 15" wide, industry leading corner service access – makes repairs easier and faster
 - External gauge port access – allows easy connection of "low-loss" gauge ports
 - Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
 - Fewer cabinet fasteners and fastener-free base – allow for faster access to internal components and hassle-free panel removal
 - Service trays – hold fasteners or caps during service calls
 - QR code – provides technical information on demand for faster service calls
 - Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.
- Not available in the South or Southwest regions.



13-15 SEER, SINGLE PHASE

Part No.	Nominal Tons	Cooling			Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		H	W	L		
TZALS13182NA*	1 1/2	17600	13.0	11.0	208-230/1/60	30.35	33	33.25	127	\$1,498.16
TZALS13242NB*	2	23600	13.0	11.0	208-230/1/60	27.90	33	33.25	142	\$1,594.60
TZALS13302NA*	2 1/2	28400	13.0	11.0	208-230/1/60	27.90	33	33.25	163	\$1,730.12
TZALS13362NA*	3	34600	13.0	11.0	208-230/1/60	30.35	33	33.25	164	\$1,933.10
TZALS13422NA*	3 1/2	40500	13.0	11.0	208-230/1/60	34.19	33	33.25	188	\$2,161.26
TZALS13482NA*	4	47500	13.0	11.0	208-230/1/60	30.08	37.56	37.64	195	\$2,443.60
TZALS13602NA*	5	56000	13.0	11.0	208-230/1/60	35.15	39.64	39.37	228	\$2,706.54

UP TO 16 SEER, SINGLE PHASE

Available in the South and Southwest regions.



Part No.	Nominal Tons	Cooling			Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		H	W	L		
TZALS16242AA*	2	24000	14.5	12.2	208-230/1/60	30.08	37.56	37.64	170	\$2,219.98
TZALS16302AA*	2 1/2	28400	14.5	12.2	208-230/1/60	29.68	39.64	39.37	195	\$2,397.96
TZALS16362AA*	3	34800	14.5	12.2	208-230/1/60	35.15	39.64	39.37	204	\$2,747.68
TZALS16422AA*	3 1/2	41000	14.5	12.2	208-230/1/60	42.00	39.64	39.37	253	\$3,030.60
TZALS16482AA*	4	46000	15.0	12.5	208-230/1/60	48.18	39.64	39.37	268	\$3,475.62
TZALS16602AA*	5	56500	15.0	25.0	208-230/1/60	53.56	39.64	39.37	296	\$3,798.76

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

16 SEER, SINGLE PHASE

- Composite base pan – dampens sound, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint finish – for a long lasting professional finish
- Copeland scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Vertical louver panels – provides ultimate coil protection, enhanced cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- 3" between valves, 4" below valves, 5" above valves – provides a minimum working area of 27-square inches for easier access
- 15" wide, industry leading corner service access – makes repairs easier and faster.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- Fewer cabinet fasteners – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.
- *W: Southwest region only
- *S: Not available in the Southwest



Part No.	Nominal Tons	Cooling			Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		H	W	L		
TZALS14182SA*	1 1/2	17800	14.0	11.5	208-230/1/60	27.90	33	33.25	122	\$1,702.62
TZALS14182WA*	1 1/2	17800	14.0	11.5	208-230/1/60	27.90	33	33.25	122	\$1,882.44
TZALS14242SB*	2	23200	14.0	11.5	208-230/1/60	27.90	33	33.25	141	\$1,831.32
TZALS14242WB*	2	23200	14.0	11.5	208-230/1/60	30.08	37.56	37.64	141	\$1,959.86
TZALS14302SA*	2 1/2	28800	14.0	11.5	208-230/1/60	30.35	33	33.25	158	\$1,916.60
TZALS14302WB*	2 1/2	28800	14.0	11.5	208-230/1/60	29.68	39.64	39.37	158	\$2,080.98
TZALS14362SA*	3	34200	14.0	11.5	208-230/1/60	30.08	37.56	37.64	178	\$2,213.10
TZALS14362WA*	3	34200	14.0	11.5	208-230/1/60	30.08	37.56	37.64	178	\$2,460.04
TZALS14422SB*	3 1/2	39500	14.0	11.5	208-230/1/60	29.68	39.64	39.37	207	\$2,471.18
TZALS14422WB*	3 1/2	39500	14.0	11.5	208-230/1/60	42.00	39.64	39.37	207	\$2,600.14
TZALS14482AA*	4	46000	14.0	11.7	208-230/1/60	35.15	39.64	39.37	232	\$2,790.36
TZALS14602AC*	5	5550	14.0	11.7	208-230/1/60	53.56	39.64	39.37	247	\$3,172.42

16 SEER, 2-STAGE

- New composite base pan – dampens sound, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- The Two-Stage Copeland Scroll™ UltraTech™ Compressor modulates between two capacity settings – 67% and 100% – providing more precise temperature control, lower humidity and greater efficiency in comparison to single stage compressors. It uses 70% fewer moving parts which also increases efficiency and reliability.
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Vertical louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- 3" between valves, 4" below valves, 5" above valves – provides a minimum working area of 27-square inches for easier access
- 15" wide, industry leading corner service access – makes repairs easier and faster.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- Fewer cabinet fasteners – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.
- High and low pressure standard on all models.



Part No.	Nominal Tons	Cooling			Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		H	W	L		
TZALD17242AB*	2	24000	14.0	12.2	208-230/1/60	38.35	37.56	37.64	200	\$3,565.06
TZALD17362AB*	3	34800	14.0	12.2	208-230/1/60	41.56	37.56	37.64	209	\$4,057.82
TZALD17482AB*	4	46000	14.0	11.7	208-230/1/60	53.56	39.64	39.37	297	\$4,621.96
TZALD17602AB*	5	55500	14.0	11.0	208-230/1/60	53.56	39.64	39.37	298	\$5,320.26

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

HEAT PUMP SPLIT SYSTEM



HSH

1 1/2 TO 5 TON, DELUXE

Refrigeration Circuit

- Copeland scroll compressors on all models
- Suction line accumulator factory installed
- Bi flow filter drier supplied with every unit for field installation

Built to Last

- High gloss, baked on powder coat finish over galvanized steel
- Post painted (black) coil fin
- SermaGard® coated cabinet screws
- Coated inlet grille with 3/8" spacing for extra protection
- Corner Posts for extra strength and style

Easy to Install and Service

- Easy access service valves on all models
- Compressor access panel
- New, innovative control box design
- External high and low refrigerant service ports
- Fan motor in line disconnect plug
- Only two screws to access control panel
- Comfort Alert diagnostics for faster, more reliable service

- Integrated solid state control with time/temperature defrost and compressor anti cycle timer
- Soft changeover defrost function
- High and low pressure switches
- Copper tube, aluminum fin coil
- Performance
- 2 speed fan motors factory wired on all models
- Compressor sound jacket standard

UP TO 16 SEER, R410A, 1-STAGE

- Up to 16 SEER, 1-Stage
- Environmentally sound R410A
- Text based diagnostics with ION Communicating Wall Control
- Self-configuring installation capabilities with Observer™ communicating wall control (NOT INCLUDED)
- Outdoor temperature sensor factory installed
- Innovative control box design

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
3 year No Hassle replacement



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
HSH618GKA*	1 1/2	208-230/1/60	18000	16.0	10800	17800	2.6	3.92	8.5	HSH618GKA + FXM4X18AL	35 1/2	31 3/16	31 3/16	213	\$4,376.94
HSH624GKA*	2	208-230/1/60	24000	16.0	14200	22800	2.6	3.9	8.5	HSH624GKA + FXM4X24**AL	33 5/8	35	35	232	\$4,898.02
HSH630GKA*	2 1/2	208-230/1/60	30000	16.0	17400	28600	2.56	3.72	9.0	HSH630GKA + FXM4X36**AL	33 5/8	35	35	267	\$5,409.36
HSH636GKA*	3	208-230/1/60	36000	16.0	20800	35000	2.86	4.16	8.5	HSH636GKA + FXM4X48**AL	33 5/8	35	35	275	\$6,473.60
HSH642GKA*	3 1/2	208-230/1/60	42000	16.0	25400	41000	2.82	3.94	8.5	HSH642GKA + FXM4X48**AL	33 5/8	35	35	293	\$6,621.98
HSH648GKA*	4	208-230/1/60	42000	16.0	29600	46500	2.74	3.84	9.0	HSH648GKA + FXM4X60**AL	33 5/8	35	35	298	\$7,347.54
HSH660GKA*	5	208-230/1/60	42000	16.0	33600	55000	2.82	3.82	8.5	HSH660GKA + FXM4X60**AL	47 3/16	35	35	363	\$8,092.58

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

UP TO 16 SEER, R410A, 2-STAGE

- Up to 16 SEER, 2-Stage
- Environmentally sound R410A
- Copeland Scroll® UltraTech™ compressors on all models
- Self-configuring installation capabilities with ION communicating wall control (NOT INCLUDED)
- Outdoor temperature sensor factory installed
- Text based diagnostics with Observer Communicating Wall Control
- Only 2 control wires required from communicating indoor unit to condenser
- Innovative control box design

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
10 year No Hassle replacement



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
HCH624GKA*	2	208-230/1/60	24600	16.2	15300	25400	2.74	3.82	9.0	HCH624GKA + FCM4X24	40 1/8	35	35	335	\$6,002.58
HCH636GKA*	3	208-230/1/60	34800	16.2	22000	35400	2.78	3.74	9.0	HCH636GKA + FCM4X36	40 1/8	35	35	338	\$7,162.60
HCH648GKA*	4	208-230/1/60	46000	16.0	29400	47000	2.78	3.6	9.0	HCH648GKA + FCM4X48	40 1/8	35	35	341	\$8,306.26
HCH660GKA*	5	208-230/1/60	55000	15.45	37200	58000	2.7	3.66	9.2	HCH660GKA + FCM4X60	46 7/8	35	35	390	\$8,795.14

UP TO 19 SEER, R410A, 2-STAGE, DURACOMFORT DELUXE

- Environmentally sound R410A
- Up to 19 SEER and 11 HSPF, 2-Stage
- Integrated inverter control enables 5-stage operation with complete Observer communicating system including ION control (NOT INCLUDED)
- Self-configuring installation with ION Communicating Wall Control
- Compact ECM fan motor driven by integrated inverter control
- Enhanced dehumidification

- Only 2 control wires required from communicating indoor unit to condenser

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)
10 year No Hassle replacement



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
HVH824GKA*	2	208-230/1/60	23200	15.0	15600	23800	2.52	3.42	9.0	HVH824GKA + FVM4X24L	31 13/16	23 1/8	23 1/8	154	\$6,052.40
HVH825GKA*	2	208-230/1/60	23200	16.5	19900	30200	2.38	3.04	8.2	HVH825GKA + FVM4X36L	38 1/2	23 1/8	23 1/8	181	\$7,037.02
HVH836GKA*	3	208-230/1/60	34600	15.5	22400	34600	2.58	3.58	9.0	HVH836GKA + FVM4X48L	38 1/2	23 1/8	23 1/8	181	\$7,140.40
HVH837GKA*	3	208-230/1/60	33600	19.0	30400	40000	2.66	3.5	11.0	HVH837GKA + FVM4X60L + WALLCON	38 15/16	31 3/16	31 3/16	244	\$8,155.54
HVH848GKA*	4	208-230/1/60	46000	18.0	30400	50500	2.66	3.44	11.0	HVH848GKA + FVM4X48L + WALLCON	38 15/16	31 3/16	31 3/16	244	\$8,211.26
HVH860GKA*	5	208-230/1/60	57000	15.0	44000	60000	2.45	3.05	9.0	HVH860GKA + FVM4X60L	42 5/16	31 3/16	31 3/16	272	\$8,804.34

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SPLIT SYSTEM

HEAT PUMP SPLIT SYSTEM

1 1/2 TO 5 TON, ENTRY

Refrigeration Circuit

- Scroll compressors on all models
- Suction line accumulator factory installed
- Bi flow filter drier supplied with every unit for field installat
- Integrated solid state control with time/temperature defrost and compressor anti cycle timer
- Low pressure switch
- Copper tube, aluminum fin coi

Built to Last

- Baked on powder coat finish over galvanized steel
- Post painted (black) coil fin
- Coated, weather-resistant cabinet screws

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel



14 SEER, R410A, ENHANCED GUARD

- Coated inlet grille with 3/8" grille spacing for extra protection
- Environmentally sound R410A refrigerant

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
N4H418GKP*	1 1/2	208-230/1/60	17800	14.0	10400	17600	2.4	3.72	8.2	N4H418GKP + FEM4X18**BL	35 1/16	23 1/8	23 1/8	166	\$2,754.28
N4H424GKP*	2	208-230/1/60	22200	14.0	13200	22200	2.54	3.84	8.2	N4H424GKP + FEM4X24**CL	35 1/2	25 3/4	25 3/4	175	\$3,057.42
N4H430GKP*	2 1/2	208-230/1/60	28600	14.0	17100	28600	2.44	3.62	8.2	N4H430GKP + FEM4X30**BL	31 11/16	31 3/16	31 3/16	180	\$3,401.62
N4H436GKP*	3	208-230/1/60	33000	14.0	20800	33800	2.44	3.64	8.2	N4H436GKP + FEM4X36**BL	28 1/4	31 3/16	31 3/16	201	\$3,776.54
N4H436GLG*	3	460/3/60	33000	14.0	20800	33000	2.46	3.62	8.2	N4H436GLG + FEM4X36BL	28 7/16	31 3/16	31 3/16	201	\$3,090.16
N4H442GKP*	3 1/2	208-230/1/60	40000	14.0	25200	41000	2.5	3.62	8.2	N4H442GKP + FEM4X42**BL	38 7/16	31 3/16	31 3/16	235	\$4,203.96
N4H448GKP*	4	208-230/1/60	46000	14.0	27800	45500	2.56	3.64	8.2	N4H448GKP + FEM4X48**BL	28 1/4	31 3/16	31 3/16	232	\$4,682.92
N4H448GLG*	4	460/3/60	46000	14.0	27800	45500	2.56	3.64	8.2	N4H448GLG + FEM4X48BL	28 7/16	31 3/16	31 3/16	232	\$4,381.06
N4H460GKP*	5	208-230/1/60	57000	14.0	33000	54500	2.56	3.64	8.2	N4H460GKP + FEM4X60**AL	31 11/16	31 3/16	31 3/16	248	\$5,227.50



N4H4C

14 SEER, R410A, COASTAL, ENHANCED GUARD

- Corrosion protection epoxy phenolic coated aluminum fin
- Coastal coated inlet grille with 3/8" grille spacing for extra protection
- Environmentally sound R410A refrigerant

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
N4H418CKG*	1 1/2	208-230/1/60	17700	14.0	10200	17200	2.44	3.66	8.2	N4H418CKG + FEM4X18BL	35 1/4	25 3/4	25 3/4	166	\$2,920.38
N4H424CKP*	2	208-230/1/60	22200	14.0	13100	22200	2.46	3.74	8.2	N4H424CKP + FEM4X24**CL	38 7/8	31 3/16	31 3/16	195	\$3,462.12
N4H430CKP*	2 1/2	208-230/1/60	27800	14.5	17400	28800	2.5	3.68	8.2	N4H430CKP + FEM4X30**BL	28 7/16	31 3/16	31 3/16	196	\$3,741.10
N4H436CKP*	3	208-230/1/60	34000	14.0	21200	35000	2.44	3.62	8.2	N4H436CKP + FEM4X36**BL	32 1/16	31 3/16	31 3/16	189	\$4,250.72
N4H448CKP*	4	208-230/1/60	45000	14.0	28800	45500	2.56	3.5	8.2	N4H448CKP + FEM4X48**BL	35 1/2	31 3/16	31 3/16	258.50	\$5,320.80
N4H442CKG*	3 1/2	208-230/1/60	42000	14.0	26600	42000	2.5	3.44	8.2	N4H442CKG + FEM4X42BL	28 7/16	31 3/16	31 3/16	237	\$4,597.20
N4H460CKP*	5	208-230/1/60	57000	14.0	33000	54500	2.56	3.7	8.2	N4H460CKP + FEM4X60**AL	38 7/8	31 3/16	31 3/16	268.50	\$5,907.34
N4H448CKG*	4	208-230/1/60	45000	14.0	28800	45500	2.56	3.5	8.2	N4H448CKG + FEM4X48BL	35 1/2	31 3/16	31 3/16	258.5	\$5,092.04
N4H460CKG*	5	208-230/1/60	57000	14.0	33000	54500	2.56	3.7	8.2	N4H460CKG + FEM4X60AL	38 7/8	31 3/16	31 3/16	268.5	\$5,653.16



NXH6

UP TO 16 SEER, R410A, ENHANCED GUARD

- Coated inlet grille with 3/8" grille spacing for extra protection
- Environmentally sound R410A refrigerant

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
NXH618GKP*	1 1/2	208-230/1/60	18000	13.0	10800	17800	2.6	3.92	8.5	NXH618GKP + FXM4X18**AL	35 1/2	31 3/16	31 3/16	199	\$3,876.84
NXH624GKP*	2	208-230/1/60	23000	13.0	14200	22800	2.6	3.9	8.5	NXH624GKP + FXM4X24**AL	32 1/16	35	35	172	\$4,443.10
NXH630GKP*	2 1/2	208-230/1/60	29200	13.0	17400	28600	2.56	3.72	8.5	NXH630GKP + FXM4X36**AL	32 1/16	35	35	245	\$4,930.92
NXH636GKP*	3	208-230/1/60	35000	13.0	20800	35000	2.86	4.16	8.5	NXH636GKP + FXM4X48**AL	32 1/16	35	35	253	\$5,420.18
NXH642GKP*	3 1/2	208-230/1/60	40500	13.0	25400	41000	2.82	3.94	8.5	NXH642GKP + FXM4X48**AL	32 1/16	35	35	245	\$5,930.32
NXH648GKP*	4	208-230/1/60	48000	13.0	29600	46500	2.74	3.84	9	NXH648GKP + FXM4X60**AL	32 1/16	35	35	276	\$6,651.04
NXH660GKP*	5	208-230/1/60	55000	13.0	33600	55000	2.82	3.82	8.5	NXH660GKP + FXM4X60**AL	45 11/16	35	35	288	\$7,470.64

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

HEAT PUMP SPLIT SYSTEM



R4H4

14 SEER, R410A, ENHANCED GUARD

Refrigeration Circuit

- Scroll compressors on all models
- Suction line accumulator factory installed
- Integrated solid state control with Time-Temperature Defrost

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

Built to Last

- Pre-painted cabinet finish over galvanized steel
- Coated inlet grille with 2" spacing standard on even sizes

Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
R4H418GKP*	1 1/2	208-230/1/60	17800	14.0	10400	17600	2.4	2.72	8.2	R4H418GK + FEM4X18**BL	35 1/16	23 1/8	23 1/8	166	\$2,054.68
R4H424GKP*	2	208-230/1/60	22200	14.0	13200	22200	2.54	2.84	8.2	R4H424GK + FEM4X30**BL	35 1/2	25 3/4	25 3/4	175	\$2,203.02
R4H430GKP*	2 1/2	208-230/1/60	28600	14.0	17100	28600	2.44	2.62	8.2	R4H430GK + FEM4X30**BL	31 11/16	31 3/16	31 3/16	180	\$2,478.72
R4H436GKP*	3	208-230/1/60	33000	14.0	20800	33800	2.4	2.62	8.2	R4H436GK + FEM4X36**BL	28 1/4	31 3/16	31 3/16	170	\$2,836.78
R4H442GKP*	3 1/2	208-230/1/60	40000	14.0	25200	41000	2.44	2.62	8.2	R4H442GK + FEM4X48**BL	38 7/16	31 3/16	31 3/16	201	\$3,011.02
R4H448GKP*	4	208-230/1/60	46000	14.0	27800	45500	2.56	2.64	8.2	R4H448GK + FEM4X48**BL	28 1/4	31 3/16	31 3/16	197	\$3,251.34
R4H460GKP*	5	208-230/1/60	57000	14.0	33000	54500	2.56	2.7	8.2	R4H460GK + FEM4X60**BL	31 11/16	31 3/16	31 3/16	212	\$3,701.66



NH4A4

14 SEER, R410A, HORIZONTAL

- Factory charged with R-410A refrigerant
- Scroll compressor
- Factory-supplied filter-drier
- High and Low pressure switches
- Line lengths up to 250 feet
- Accumulator

- Small footprint
- Easy access service valves on all models
- Low ambient operation (down to 0°F)
- Ball-Bearing Fan Motor

Limited Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
NH4H418AKA*	1 1/2	208-230/1/60	18000	14.0	10400	17200	2.48	3.8	8.2	NH4H418AKA + FMA4X18A	25 1/8	14 9/16	36 15/16	170	\$4,648.92
NH4H424AKA*	2	208-230/1/60	23400	14.0	13800	22800	2.5	3.74	8.2	NH4H424AKA + FMA4X24A	31 1/8	14 9/16	36 15/16	181	\$4,936.84
NH4H430AKA*	2 1/2	208-230/1/60	28800	15.0	17500	28200	2.62	4.02	8.5	NH4H430AKA + FMA4X30A	37 1/8	17 1/16	44 1/2	226	\$5,669.30
NH4H436AKA*	3	208-230/1/60	34200	14.0	21000	34200	2.6	3.94	8.5	NH4H436AKA + FMA4X36A	37 1/8	17 1/16	44 1/2	232	\$6,053.82
NH4H448AKA*	4	208-230/1/60	45500	14.0	29000	46000	2.56	3.66	8.2	NH4H448AKA + FEM4X48BL	43 1/8	17 1/16	44 1/2	288	\$6,986.06
NH4H460AKA*	5	208-230/1/60	55000	14.0	33600	55000	2.62	3.78	8.2	NH4H460AKA + FEM4X60AL	43 1/8	17 1/16	44 1/2	288	\$7,695.06

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



N4H6

UP TO 17 SEER, R410A

Refrigeration Circuit

- 2stage scroll compressors on all models
- Suction line accumulator factory installed

Easy to install and service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R410A refrigerant

Built to Last

- Bakedflon powder coat finish over galvanized steel
- Postflpainted (black) coil fin
- Coated, weatherflresistant cabinet screw
- Coated inlet grille with 3/8 grille spacing for extra protection

Warranty

- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
N4H624GKP*	2	208-230/1/60	24000	17.0	15300	25000	2.74	3.9	9	N4H624GKP + FVM4X24***L	38 7/8	35	35	256	\$4,746.78
N4H636GKP*	3	208-230/1/60	36400	17.0	22600	35400	3.0	4.06	9.5	N4H636GKP + FVM4X60***L	38 7/8	35	35	270	\$5,654.98
N4H648GKP*	4	208-230/1/60	47000	16.0	29200	46500	2.72	3.67	9	N4H648GKP + FVM4X48***L	38 7/8	35	35	315	\$6,568.40
N4H660GKP*	5	208-230/1/60	56500	16.0	36000	57000	2.76	3.72	9	N4H660GKP + FVM4X60***L	45 11/16	35	35	340	\$7,518.90

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*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

HEAT PUMP SPLIT SYSTEM



TZPLS

TZPL SERIES

- New composite base pan – dampens sound, eliminates corrosion and reduces number of fasteners needed
- Improved tubing design – reduces vibration and stress, making unit quieter and reducing opportunity for leaks
- Optimized defrost characteristics - decrease defrosting and provide better home comfort
- Powder coat paint finish – for a long lasting professional finish
- Optimized reversing valve sizing – improves shifting performance for quieter unit operation and increased life of the system
- Enhanced mufflers – help to dissipate vibration energy for quieter unit operation
- Copeland scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Vertical louvre panels – provide ultimate coil protection, enhances cabinet strength, and increases cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- 3" between valves, 4" below valves, 5" above valves – provides a minimum working area of 27-square inches for easier access
- Integrated heat pump lift receptacle – allows standard CPVC stands to be inserted into the base
- 15" wide, industry leading corner service access – makes repairs easier and faster
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- Fewer cabinet fasteners – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra-long wires – allows unit top to be removed without disconnecting fan wire



14 SEER, 1 PHASE

Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
TZPLS14182AB*	1 1/2	208-230/1/60	18000	14.0	9100	15700	2.4	3.6	8.2	TZHLSTST2417	27.90	33	33.25	164	\$2,085.32
TZPLS14242AA*	2	208-230/1/60	23800	14.0	12600	22800	2.34	3.6	8.2	TZHLSTST2417	27.90	33	33.25	165	\$2,235.02
TZPLS14302AA*	2 1/2	208-230/1/60	28800	14.0	16600	27400	2.34	3.5	8.2	TZHLSTST3617	27.90	33	33.25	181	\$2,515.24
TZPLS14362AA*	3	208-230/1/60	35200	14.0	23200	34800	2.54	3.66	8.2	TZHLSTST3617	30.08	37.56	37.64	207	\$2,871.98
TZPLS14422FB*	3 1/2	208-230/1/60	42500	14.5	25600	40000	2.6	3.76	8.5	TZHLSTST4821	42.00	39.64	39.37	208	\$2,915.52
TZPLS14482AA*	4	208-230/1/60	48000	14.0	29800	46000	2.6	3.6	9	TZHLSTST4821	38.35	37.56	37.64	280	\$3,299.12
TZPLS14602AB*	5	208-230/1/60	56500	14.0	34600	54500	2.6	3.7	8.5	TZHLSTST6024	48.18	39.64	39.37	280	\$3,876.84

14 SEER, 3 PHASE

Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
TZPLS1436CAA*	3	208-230/3/60	35200	14.0	23200	34800	2.54	3.66	8.2	TZHLSTST3617	30.08	37.56	37.64	207	\$3,833.90
TZPLS1436DAA*	3	460/3/60	35200	14.0	23200	34800	2.54	3.66	8.2	TZHLSTST3617	30.08	37.56	37.64	207	\$3,834.34
TZPLS1448CAA*	4	208-230/3/60	48000	14.0	29800	46000	2.6	3.6	9	TZHLSTST4821	38.35	37.56	37.64	280	\$4,659.28
TZPLS1448DAA*	4	460/3/60	48000	14.0	29800	46000	2.6	3.6	9	TZHLSTST4821	38.35	37.56	37.64	280	\$4,659.60
TZPLS1460DAA*	5	460/3/60	56500	14.0	35800	57000	2.66	3.8	8.2	TZHLSTST6024	42.00	39.64	39.37	280	\$5,065.40
TZPLS1460CAB*	5	208-230/3/60	56500	14.0	34600	54500	2.6	3.7	8.5	TZHLSTST6024	48.18	39.64	39.37	285	\$5,072.30

15 SEER, 1 PHASE

Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
TZPLS15242AA*	2	208-230/1/60	24000	15.5	13500	22000	2.5	3.7	9	TZHLSTST2417	27.90	33	33.25	159	\$3,372.16
TZPLS15302AA*	2 1/2	208-230/1/60	29400	15.5	16600	27000	2.4	3.7	9	TZHLSTST3617	33.32	37.56	37.64	198	\$3,786.30
TZPLS15362AA*	3	208-230/1/60	35600	15.0	22200	33800	2.66	3.66	9	TZHLSTST3617	38.35	37.56	37.64	206	\$4,012.54
TZPLS15422AA*	3 1/2	208-230/1/60	42500	15.0	25600	40000	2.6	3.76	9	TZHLSTST4821	38.35	37.56	37.64	228	\$4,605.00
TZPLS15482AA*	4	208-230/1/60	47000	15.0	28800	44500	2.6	3.66	9	TZHLSTST4821	42.00	39.64	39.37	264	\$5,277.52
TZPLS15602AA*	5	208-230/1/60	58000	15.0	35600	56000	2.66	3.76	9	TZHLSTST6024	48.18	39.64	39.37	285	\$5,912.62

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16 SEER, 2-STAGE

Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
TZPLD16242AA*	2	208-230/1/60	24000	16.0	14500	22600	2.7	3.94	9	TZHDLVMT2421	33.32	37.56	37.64	200	\$4,492.48
TZPLD16362AA*	3	208-230/1/60	36000	16.0	21600	34200	2.54	3.7	9	TZHDLVMT3621	38.35	39.64	37.64	209	\$5,350.60
TZPLD16482AA*	4	208-230/1/60	47000	16.0	29800	45000	2.7	3.74	9	TZHDLVMT4821	48.18	39.64	39.37	298	\$6,215.28
TZPLD16602AA*	5	208-230/1/60	57000	16.0	35600	55000	2.74	3.8	9	TZHDLVST6024	48.18	39.64	39.37	300	\$6,964.62



BOVA

HIGH-EFFICIENCY OUTDOOR CONDENSING SECTION, IDS 1.0

Intelligent control features help adjust the output capacity allowing the unit to keep the temperature at the desired level without fluctuation and to keep humidity in check during the summer months.

The air coil design provides

exceptional heat transfer and low air-resistance for high-efficiency operation

The direct-drive fan blades provide vortex suppression to reduce sound of airflow exiting the condensing section, thereby retaining relatively low noise at high speed - with sound levels as low as 56 dBA.

The high-efficiency variable capacity inverter compressor can adjust output to any level between 25% and 110%, to perfectly cool and heat a home using minimal energy for maximum comfort.

The condensing units come standard with an electronic expansion valve (EEV) to ensure proper refrigerant flow during all conditions in order to optimize the unit's process to the highest efficiency possible

- 18.5 SEER / 9.5 HSPF
- Fully-modulating inverter drive
- Sound levels as low as 56 dBA
- Compatible with most 24 VAC thermostats
- Operates in heating down to 5° F
- Designed for easy installation
- 10-year residential limited warranty



Part No.	Nom. Tons	Voltage	Cooling		Heating			Rating Selection	Dimensions (In.)		Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	HSPF		H	W		
BOVA036HDN1M18M	3	208-230/1/60	34600	17.5	24000	34200	9.0	BOVA036HDN1M18M + BVA036WN1M18	24.9375	29.125	205.00	\$3,747.94
BOVA060HDN1M18M	5	208-230/1/60	57000	17.5	40000	55000	9.5	BOVA060HDN1M18M + BVA060WN1M18	33.1875	29.125	238.00	\$4,686.00



BOVA

HIGH-EFFICIENCY OUTDOOR CONDENSING SECTION, IDS 2.0

Intelligent control features help adjust the output capacity allowing the unit to keep the temperature at the desired level without fluctuation and to keep humidity in check during the summer months.

The air coil design provides exceptional heat transfer and low air-resistance for high-efficiency operation

The direct-drive fan blades provide vortex suppression to reduce sound of airflow exiting the condensing section, thereby retaining relatively low noise at high speed - with sound levels as low as 56 dBA.

The high-efficiency variable capacity inverter compressor can adjust output to any level between 25% and 110%, to perfectly cool and heat a home using minimal energy for maximum comfort.

The condensing units come standard with an electronic expansion valve (EEV) to ensure proper refrigerant flow during all conditions in order to optimize the unit's process to the highest efficiency possible

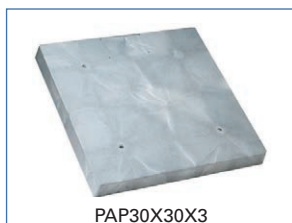
- 20.5 SEER / 10.5 HSPF
- ENERGY STAR rated
- Fully-modulating inverter drive
- Sound levels as low as 56 dBA
- Compatible with most 24 VAC thermostats
- Operates in heating down to -4°F
- Operates in cooling up to 125°F
- Up to 150 ft lineset
- Designed for easy installation
- 10-year residential limited warranty



Part No.	Nom. Tons	Voltage	Cooling		Heating			Rating Selection	Dimensions (In.)		Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	HSPF		H	W		
BOVA36HDN1M20G	3	208-230/1/60	34600	20.0	28000	34200	10.5	BOVA36HDN1M20G + BVA36WN1M20	24.9375	29.125	180.00	\$4,644.26
BOVA60HDN1M20G	5	208-230/1/60	54500	19.0	44000	56000	10.5	BOVA60HDN1M20G + BVA60WN1M20	33.1875	29.125	253.00	\$6,068.80

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

ACCESSORIES



PAP30X30X3

RECTANGULAR, PLASTIC

Part No.	Width (In.)	Length (In.)	Thickness (In.)	Price
PAP24X24	24	24	2	\$34.10
PAP24X36	24	36	2	\$51.02
PAP30X30	30	30	2	\$54.64
PAP30X36	30	36	2	\$63.56
PAP30X40	30	40	2	\$70.64
PAP36X36	36	36	2	\$76.98
PAP36X40	36	40	2	\$86.12
PAP36X48	36	48	2	\$101.84
PAP18X38X3	24	38	3	\$54.84
PAP24X24X3	24	24	3	\$37.50
PAP24X36X3	24	36	3	\$79.30
PAP30X30X3	30	30	3	\$60.98
PAP32X32X3	32	32	3	\$76.92
PAP36X36X3	36	36	3	\$84.86
PAP36X40X3	36	40	3	\$94.62
PAP36X48X3	36	48	3	\$111.72
PAP38X42X3	38	42	3	\$153.10
PAP52X52X3	52	52	3	\$268.96



UL36X36

RECTANGULAR, CONCRETE SHELL

A concrete shelled pad with the weight of plastic, strengthened by a fibre-cement coating, flexes instead of cracking or breaking. The textured surface prevents unit slide and allows water drainage, while

the engineered core prevents warping and provides a solid bottom to resist settling. Unaffected by soil conditions, UV, temperature extremes, and other weather conditions.

Part No.	Width (In.)	Length (In.)	Thickness (In.)	Price
UL16X36	16	36	2	\$34.98
UL24X24	24	24	2	\$40.36
UL24X36	24	36	2	\$49.66
UL26X36	26	36	2	\$49.66
UL36X40	36	40	2	\$100.58
UL36X48	36	48	2	\$126.46
UL24X24X3	24	24	3	\$49.02
UL30X30X3	30	30	3	\$60.44
UL32X32X3	32	32	3	\$63.66
UL36X36X3	36	36	3	\$83.36
UL36X48X3	36	48	3	\$96.80
UL38X42X3	38	42	3	\$133.26
UL40X42X3	40	42	3	\$120.98



HURRICANE PAD™ - T CLASS

Designed for higher wind loads - up to 175 MPH. Ideal for South Florida and other heavily threatened areas, the T Class Hurricane Pads are heavier and provide additional concrete for superior anchor pullout strength.

- Steel reinforced
- 3,000 psi minimum concrete, mandatory to meet strict anchor pullout requirements

- Much lighter than solid concrete
- Easier to install
- Will not float (unlike air filled pad)
- Uses standard Tapcon™ brand screws and no inserts are necessary
- Superior screw pullout strength



Part No.	Width (In.)	Length (In.)	Thickness (In.)	Price
HT1840-4	18	40	4	\$87.96
HT2436-4	24	36	4	\$108.22
HT3030-4	30	30	4	\$117.04
HT3232-4	32	32	4	\$132.80
HT3636-4	36	36	4	\$161.24
HT3648-4	36	48	4	\$214.70
HT3842-4	38	42	4	\$192.80
HT4040-4	40	40	4	\$201.84
HT4242-4	42	42	4	\$230.28
HT4558-4	45	58	4	\$370.62



QWIKHURRICANE™ PAD

QwikPad® for Condensers is a lightweight, easy-to-install condenser pad that meets wind loading requirements up to 180 mph. Includes corrosion-resistant stainless steel tie-down assemblies to secure the outdoor unit to the pad.

Contains a super absorbent material that acts as a unique gelling agent... Once water is added, it forms a solidus gel that provides freeze protection.

Material: Linear Low Density Polyethylene (LLDPE)



Part No.	Width (In.)	Length (In.)	Thickness (In.)	Price
QT8036	36	36	4	\$171.66
QT8040	40	40	4	\$188.84



AIRBRACE36

WALL MOUNTING BRACKET

The AIRBRACE is designed to support condensing units, heat pumps and other equipment. It is particularly useful in applications where flooding, snowfall, mud, steep grades and space are a concern.

- 16 Gauge Structural Steel/10 Gauge Mounting Brackets
- Hurricane Straps are 22 Gauge G-90 Steel

- Tested to 150 mph wind load
- Allowable Elevation (150 mph rating) 30ft
- Maximum Weight: Concrete 425 lbs ; Block, Wood or Steel Stud: 375 lbs
- Available in Stainless Steel (special order)



Part No.	Description	Price
AIRBRACE36	36" L x 30" W	\$227.44
AIRBRACE45	45" L x 36" W	\$291.12
AIRBRACE55	55" L x 48" W	\$330.82



4005S

UNIT ELEVATOR

- Elevates heat pumps and air handling units
- Made of corrosion-resistant plastic
- Allows better condensate drainage
- Helps prevent corrosion of metal base

- Absorbs vibration and noise
- Polymeric mastic included with each unit
- Solid 6" x 6" mounting base
- Top diameter: 4 1/8"



Part No.	Description	Box Qty	Price
4005S*	3" Pump-up	32	\$6.28
4008S*	6" Pump-up	16	\$8.56

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

EVAPORATOR COIL

CASED EVAPORATOR COIL



EAM4X

MULTI POISE, R410A, ALUMINUM, EAM4X

- Aluminum hairpin/return-bend/fin A coil with the latest high-tech fin design
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Removable front access panel
- Easy slide-out coil for inspection
- Hemmed flanges for safer handling
- Foil faced insulation
- Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, 22 gauge, pre-painted steel cabinet
- One or Two UV light knock-outs provided on cabinet (depending on size)
- Multipoise installation - upflo , downflo , or horizontal
- Upflow cabinet widths and horizontal cabinet depths match flus with ICP gas furnaces
- For environmentally sound R410A systems
- Warranty: 5 year coil, 5 year parts




Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
EAM4X18L14A*	1 1/2	25 13/16	14 3/16	20 5/8	\$750.74
EAM4X24L14A*	2	25 13/16	14 3/16	20 5/8	\$796.56
EAM4X24L17A*	2	25 13/16	17 1/2	20 5/8	\$804.98
EAM4X30L14A*	2 1/2	25 13/16	14 3/16	20 5/8	\$849.86
EAM4X30L17A*	2 1/2	25 13/16	17 1/2	20 5/8	\$856.54
EAM4X36L17A*	3	29 3/4	17 1/2	20 5/8	\$979.82
EAM4X36L21A*	3	29 3/4	21	20 5/8	\$979.82
EAM4X37L17A*	3	25 13/16	17 1/2	20 5/8	\$1,134.08
EAM4X37L21A*	3	25 13/16	17 1/2	20 5/8	\$1,141.92
EAM4X42L21A*	3 1/2	29 3/4	21	20 5/8	\$1,074.08
EAM4X42L24A*	3 1/2	29 3/4	24 1/2	20 5/8	\$1,074.08
EAM4X48L21A*	4	29 3/4	21	20 5/8	\$1,208.06
EAM4X48L24A*	4	29 3/4	24 1/2	20 5/8	\$1,218.92
EAM4X60L24A*	5	35	24 1/2	20 5/8	\$1,432.76
EAM4X61L21A*	5	35	21	20 5/8	\$1,473.26
EAM4X61L24A*	5	35	24 1/2	20 5/8	\$1,547.64

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END4X

UPFLOW/DOWNFLOW, R410A, END4X

- Aluminum hairpin/return-bend/fin N coil with the latest high-tech fin design
- Available for environmentally sound R-410A systems
- Foil faced insulation
- Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, pre-painted steel cabinet
- Upflow or downflow installati
- Compact design, shorter than comparable A-coils
- Cabinet widths match flush with ICP 14-3/16", 17-1/2", 21" and 24-1/2" gas furnace cabinets (field fabricated transitions required to match other ICP furnace models)
- **Warranty:** 5 year parts (10 year with timely registration)
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Removable front access panel
- Hemmed flanges for safer handlin



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
END4X18L14A*	1 1/2	12 5/8	14 3/16	21	\$641.02
END4X19L17A*	1 1/2	17	17 1/2	21	\$824.42
END4X24L14A*	2	14 5/8	14 3/16	21	\$691.76
END4X24L17A*	2	14 5/8	17 1/2	21	\$691.42
END4X30L14A*	2 1/2	17	14 3/16	21	\$742.62
END4X30L17A*	2 1/2	17	17 1/2	21	\$742.02
END4X31L17A*	2 1/2	23 1/4	17 1/2	21	\$928.12
END4X36L17A*	3	17	17 1/2	21	\$803.76
END4X36L21A*	3	17	21	21	\$809.38
END4X37L17A*	3	27 3/16	17 1/2	21	\$984.40
END4X42L17A*	3 1/2	21 1/8	17 1/2	21	\$970.80
END4X42L21A*	3 1/2	19	21	21	\$969.16
END4X43L24A*	3 1/2	26 5/16	24 1/2	21	\$1,152.62
END4X48L21A*	4	22 1/16	21	21	\$1,041.06
END4X48L24A*	4	22 1/16	24 1/2	21	\$1,040.00
END4X60L24A*	5	26 7/8	24 1/2	21	\$1,193.98
END4X61L24A*	5	32 7/16	24 1/2	21	\$1,373.52



ENH4X

HORIZONTAL, R410A, ENH4X

- Horizontal installation
- Cabinet widths match flush with ICP 17-1/2", 21" and 24-1/2" gas furnace cabinets (field fabricated transitions required to match other ICP furnace models)
- **Warranty:** 5 year parts (10 year with timely registration)



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
ENH4X24L17A*	2	16	17 1/2	20 3/4	\$688.06
ENH4X30L17A*	2 1/2	16	17 1/2	20 3/4	\$740.64
ENH4X31L17A*	2 1/2	16	17 1/2	20 3/4	\$923.82
ENH4X36L17A*	3	16	17 1/2	20 3/4	\$801.90
ENH4X42L21A*	3 1/2	19 1/2	21	20 3/4	\$972.06
ENH4X43L21A*	3 1/2	19 1/2	21	20 3/4	\$1,158.46
ENH4X48L21A*	4	19 1/2	21	20 3/4	\$1,054.88
ENH4X60L24A*	5	23	24 1/2	20 3/4	\$1,193.64
ENH4X61L24A*	5	23	24 1/2	20 3/4	\$1,378.98



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CASED EVAPORATOR COIL



TCF2417STAMCA

CASED FURNACE COIL

Designed for use with Thermal Zone outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow.

When matched with Thermal Zone outdoor units, the coils provide a

nominal capacity range from 18,000 to 60,000 BTUH.

- Constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Coils are tested at the factory with an extensive refrigerant leak check.
- Coils have copper sweat refrigerant connections.
- Feature two sets of 3/4" N.P.T. Condensate drain connections for ease of connection.

- Chatleff metering device connections, at inlet and outlet of TXV or EEV and equalizer connections (TXV only).
- Approved for system application with variety of Thermal Zone outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.
- Compatible with Germicidal Light System (UV resistant)
- Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right.
- Unique drain pan design maximizes application flexibility and condensate removal.
- N-Coil design maximizes performance and minimizes height required at installation.
- Coils are AHRI certified for system application with a variety of Thermal Zone outdoor units.



Part No.	Nominal Tons	CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	L		
TCF2414STAMCA	2	600	23.1875	14	21	43.00	\$672.10
TCF3621MTAMCA	3	700	28	21	25 7/8	83.00	\$949.76
TCF2417STAMCA	2	600	20	17 1/2	14 1/2	48.68	\$684.24
TCF3624MTAMCA	3	700	32	24 1/2	25 3/8	53.00	\$1,019.44
TCF3617STAMCA	3	700	20	17 1/2	17 7/8	49.00	\$788.20
TCF4821MTAMCA	4	1100	34.5	21	32	83.00	\$1,184.60
TCF3621STAMCA	3	700	20	21	17 1/2	51.00	\$788.88
TCF4821STAMCA	4	1100	28	21	25 7/8	71.00	\$1,184.62
TCF4824STAMCA	4	1100	32	24 1/2	25 3/8	83.00	\$1,019.64
TCF6021STAMCA	5	1400	34.5	21	32	76.00	\$1,404.52
TCF6024STAMCA	5	1400	32	24 1/2	30 1/4	100.00	\$1,299.28



R36H140P

DEDICATED HORIZONTAL COIL

- For use with Thermal Zone and Rheem condensing units and heat pumps
- All aluminum with copper stubs
- Case painted to match Rheem furnaces
- Top refrigerant connections
- Heat Pump TXV installed
- UV resistant drain pan with microban anti-microbial additive
- Dual drain connections
- Limited warranty: conditional parts 10 years (registration required)



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
R24H140P039	2	14	21	26 1/2	\$685.72
R36H140P129	3	14	21	26 1/2	\$777.14
R36H175P729	3	17 1/2	21	21 1/2	\$765.72
R48H175P159	4	17 1/2	21	26 1/2	\$908.58
R60H210P199	5	21	21	26 1/2	\$1,294.28



GE309

MULTIPOISE, R410A

- High efficiency lanced fin desi
- Threaded expansion valves available factory installed or as a field installed ki
- Coils are air pressure tested at 500 psi, leak tested with helium, sealed with rubber plugs, then charged with dry air
- Cabinet insulation hold down tabs for easy drain pan removal
- Interlocking doors reduce air leakage and allow for easy access
- Microban® antimicrobial additive to inhibit the growth of mold and mildew in the drain pan.
- Built-in flanges with rounded corner
- TXV with all threaded connections
- HydroTEC™ drain pan with dual drain connections
- 1% or less air leakage
- No-hassle 5 year warranty
- For us with ICP condensing units and heat pumps
- Metering device: Non-Bleed HP-A/C TXV (R410A)
- Copper refrigerant connections for easy brazing
- Cased coils have heavy gauge embossed galvanized cabinets fully lined with 5/8" foil faced insulation.
- All multi-position coils are upflo , downflo , and left or right airflow capabl



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
GE33936C142B1805AP	3	18 1/2	14 1/4	20 1/2	\$802.86
GE33936C175B2022AP	3	20 1/2	17 1/2	20 1/2	\$897.14
GE35936C142B2505AP	3	25 1/2	14 1/4	20 1/2	\$920.00
GE35936C175B2522AP	3	25 1/2	17 1/2	20 1/2	\$1,017.14
GE36948C175B2522AP	4	25 1/2	17 1/2	20 1/2	\$1,134.28
GE36948C210B2522AP	4	25 1/2	21	20 1/2	\$1,134.28
GE48948C175B2722AP	4	27 1/2	17 1/2	20 1/2	\$1,237.14
GE48948C210B2722AP	4	27 1/2	21	20 1/2	\$1,228.58
GE82936C142B2505AP	3	25 1/2	14 1/4	20 1/2	\$1,111.42
GE82936C175B2522AP	3	25 1/2	17 1/2	20 1/2	\$1,160.00



BMAC

CASED COIL

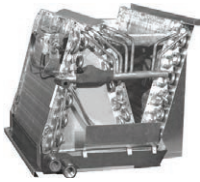
The Inverter Ducted Split Evaporator Coil, when paired with a Bosch Furnace and IDS outdoor condensing section (BOVA series), delivers some of the best comfort levels and efficiency on the market today. Low static pressure drop and high efficiency heat transfer capabilities along with latent heat (humidity) removal. Includes two drain pans to accommodate vertical or horizontal installation. Auxiliary drain connections are available should local code require an auxiliary drain pan. The drain pans are made of corrosion-resistant composite material for strength and durability rated to withstand 400°F.



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	D	
BMAC2430ANTD	2 1/2	20.0	14.5	21.0	\$863.92
BMAC2430BNTD	2 1/2	20.0	17.5	21.0	\$863.92
BMAC3036ANTD	3	20.0	14.5	21.0	\$888.64
BMAC3036BNTD	3	20.0	17.5	21.0	\$888.64
BMAC3036CNTD	3	20.0	21.0	21.0	\$1,017.28
BMAC4248BNTF	4	30.0	17.5	21.0	\$1,085.44
BMAC4248CNTF	4	30.0	21.0	21.0	\$1,194.50
BMAC4248DNTF	4	30.0	24.5	21.0	\$1,233.70
BMAC4860CNTF	5	30.0	21.0	21.0	\$1,362.34
BMAC4860DNTF	5	30.0	24.5	21.0	\$1,371.72

EVAPORATOR COIL

UNCASED EVAPORATOR COIL



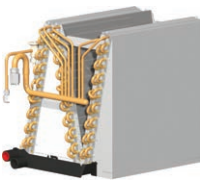
ENA4X

UPFLOW/DOWNFLOW, R410A, END4X

- Aluminum hairpin/return-bend/fin N coil with the latest high-tech fin design
- For environmentally sound R410A systems
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Available for environmentally sound R-410A systems
- Warranty: 5 year parts (10 year with timely registration)



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
ENA4X24L14A*	2	15	14 3/16	19 3/8	\$644.26
ENA4X30L14A*	2 1/2	16 9/16	14 3/16	19 3/8	\$697.78
ENA4X30L17A*	2 1/2	16 13/16	17 1/2	19 3/8	\$697.52
ENA4X31L17A*	2 1/2	20 7/16	17 1/2	19 3/8	\$871.06
ENA4X36L17A*	2 1/2	16 13/16	17 1/2	19 3/8	\$755.04
ENA4X36L21A*	3	16 5/8	21	19 3/8	\$754.82
ENA4X37L17A*	3	20 7/16	17 1/2	19 3/8	\$933.18
ENA4X42L21A*	3 1/2	18 9/16	21	19 3/8	\$899.44
ENA4X48L21A*	4	20 7/16	21	19 3/8	\$971.80
ENA4X60L24A*	5	20 7/8	24 1/2	19 3/8	\$1,112.58



EMA

MOBILE HOME COIL, R410A

- Aluminum hairpin/return-bend/fin "N" coil with the latest high-tech fin design
- For environmentally sound R410A systems
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Shipped with condensate drain hose and trap
- Shipped with fittings and adapter plate
- **Warranty:** 5 year parts (10 year with timely registration)



Part No.	Nominal Tons	Dimensions (In.)			Price
		H	W	L	
EMA4X24DAL*	2	12 5/8	17 7/8	19 9/16	\$615.54
EMA4X36DAL*	3	14 11/16	17 7/8	19 9/16	\$787.64
EMA4X48DAL*	4	18 3/4	17 7/8	19 9/16	\$907.08

FAN COIL

HORIZONTAL COIL

- For use with R-410A refrigerant or R-22 with accessory TXV
- Accessory field-installed electric heat kits available in 5, 7.5, or 10 k
- 40 VA 208/230v-1-60 transformer
- PSC motor on all models
- A-coil design for maximum surface area
- Multiple electrical, refrigerant lineset and drain line entry for application flexibility
- Sweat connections for long term reliability
- Grooved copper tubing
- 5 year parts limited warranty



FMC4P

HORIZONTAL, CASED, AIR HANDLING UNIT, R410A

- Horizontal return applications require field fabricated bottom cove
- Cabinets meet the requirement of 2% cabinet leakage rate at 1-in. w.c. of static pressure
- Cabinets constructed to prevent cabinet sweating
- Refrigerant lines and electrical connections can be run out the back or side of casing
- Primary and secondary drain connections exit from the back or side of the cabinet.
- FMC4P: R-410A piston metering device
- FMC4X: R-410A TXV standard metering device
- AT suffix: tin coated coi



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FMC4X1800AL*	1 1/2	600	1/8	208-230/1/60	(2) 16 x 20 x 1	11	27 3/4	39 3/4	109	\$1,096.22
FMC4X2400AL*	2	800	1/8	208-230/1/60	(2) 16 x 20 x 1	11	27 3/4	39 3/4	131	\$1,194.42
FMC4X3000AL*	2 1/2	1000	1/3	208-230/1/60	(2) 20 x 20 x 1	11	27 3/4	51 3/4	135	\$1,285.68



FMU4P

HORIZONTAL, UNCASED, AIR HANDLING UNIT, R410A

- AT suffix: tin coated coi
- AL suffix: aluminum
- *4P models use R410A piston metering device
- *4X models use R410A TXV metering device



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FMU4X1800AL*	1 1/2	600	1/8	208-230/1/60	(2) 16 x 20 x 1	10 1/4	26 3/8	37 1/4	75	\$983.42
FMU4X2400AL*	2	800	1/8	208-230/1/60	(2) 16 x 20 x 1	10 1/4	26 3/8	37 1/4	99	\$1,038.34



FVM4X

MULTI POISE, VARIABLE SPEED, R410A

- TXV metering device factory installed
 - Upflow or horizontal left standard; horizontal right with minor modification
 - Field convertible to downflow with available accessory kit
 - Factory sealed to achieve less than 2% leakage at 1.0" w.c.
 - Dehumidification function with standardized logic (same as furnaces and SPP)
 - Filter factory supplied
 - Heat staging option
 - Ideal match for 2 speed outdoor units
 - 5 amp fuse
 - BL units have aluminum tubes
- Warranty:**
10 year Coil
5 year Parts (10 year with timely registration)
- Environmentally sound R410A refrigerant
 - High efficiency variable speed ECM motor with electronic speed controller
 - Adjustable cooling and heating on/off delay
 - Heat pump comfort option to provide higher than normal heating air delivery temperature



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					H	W	L		
FVM4X2400BL*	2	1200	1/2	208-230/1/60	42 11/16	15 3/4	22 1/16	130	\$2,411.14
FVM4X3600BL*	3	1400	1/2	208-230/1/60	57 7/16	21 1/8	22 1/16	124	\$2,750.48
FVM4X4800BL*	4	1600	1/2	208-230/1/60	57 7/16	21 1/8	22 1/16	167	\$3,198.94
FVM4X6000BL*	5	2000	3/4	208-230/1/60	59 3/16	22 3/4	22 1/16	197	\$3,540.88



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FAN COIL



FEM4P

MULTI POISE, R410A

- Upflow or horizontal left standard; horizontal right with minor modificatio
- Field convertible to downflow with available accessory kit
- Factory installed piston with teflon ring metering device (FEM4X uses

- Low voltage circuit protective fuse (3 amp) on inline wire harness
- No heat plug kit factory installed
- A Suffix: copper evaporator tube
- AL Suffix: aluminum evaporator tube
- FEM4X uses TX valve and ECM motor to meet efficiency ratings in a standard level unit

Warranty:

5 year coil and parts
(10 year with timely registration)
1 year "No Hassle" replacement



TXV)

- Environmentally sound R410A refrigerant
- High efficienc , 3 speed brushless permanent magnet motor (FEM4X uses ECM motor)

Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FEM4P1800AL*	1 1/2	600	1/4	208-230/1/60	13 x 21 1/2	42 11/16	14 5/16	22 1/16	100	\$1,461.76
FEM4P2400AL*	2	800	1/4	208-230/1/60	13 x 21 1/2	42 11/16	14 5/16	22 1/16	112	\$1,585.94
FEM4P3000AL*	2 1/2	1000	1/4	208-230/1/60	16 3/8 x 21 1/2	49 5/8	17 5/8	22 1/16	122	\$1,707.34
FEM4P3600AL*	3	1200	1/3	208-230/1/60	16 3/8 x 21 1/2	49 5/8	17 5/8	22 1/16	122	\$1,831.22
FEM4P4200AL*	3 1/2	1400	1/2	208-230/1/60	19 7/8 x 21 1/2	49 5/8	21 1/8	22 1/16	157	\$2,026.94
FEM4P4800AL*	4	1600	3/4	208-230/1/60	19 7/8 x 21 1/2	49 5/8	21 1/8	22 1/16	157	\$2,197.08



FEM4X

MULTI POISE, ECM MOTOR, R410A

- TXV metering device factory installed
- Upflow or horizontal left standard; horizontal right with minor modificatio
- Field convertible to downflow with available accessory kit

- HUD approved for manufactured housing
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- ECM 5-speed motor
- Low voltage circuit protective fuse (3amp) inline on wire harness
- No Heat (Plug) Kit factory installed
- BL Suffix: aluminum evaporator tube

Warranty:

1 year "No Hassle" replacement
5 year coil and parts
(10 year with timely registration)



- Environmentally sound R410A refrigerant
- Primary and secondary drain fittings with brass insert
- Multiple electrical entry locations
- Time delay relay (TDR)
- Field installed heater packages from 5 kW - 30 kW available separately

Part No.	Nominal Tons	CFM	Motor HP	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					H	W	L		
FEM4X1800BL*	1 1/2	600	1/3	208-230/1/60	42 11/16	14 5/16	22 1/16	112	\$1,626.92
FEM4X2400CL*	2	800	1/3	208-230/1/60	49 5/8	17 5/8	22 1/16	112	\$1,798.62
FEM4X3000BL*	2 1/2	1000	1/3	208-230/1/60	49 5/8	17 5/8	22 1/16	122	\$1,868.74
FEM4X3600BL*	3	1200	1/2	208-230/1/60	49 5/8	17 5/8	22 1/16	122	\$1,994.50
FEM4X4200BL*	3 1/2	1400	1/2	208-230/1/60	49 5/8	21 1/8	22 1/16	157	\$2,187.04
FEM4X4800BL*	4	1600	3/4	208-230/1/60	49 5/8	21 1/8	22 1/16	157	\$2,353.68
FEM4X6000BL*	5	1750	3/4	208-230/1/60	53 7/16	21 1/8	22 1/16	175	\$2,355.50



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FXM4X

MULTI POISE, ECM MOTOR, R410A

- TXV metering device factory installed
- Upflow or horizontal left standard; horizontal right with minor modification
- Field convertible to downflow with available accessory kit
- No heat plug kit factory installed
- Filter factory installed
- 1" thick insulation with R4.2
- 3 amp automotive type fuse in wiring harness
- AL units have aluminum tubes

Warranty:

5 year coil and parts
(10 year with timely registration)
5 year "No Hassle" replacement

- Environmentally sound R410A refrigerant
- High efficiency, 3 speed GENTEQ™ X13 brushless permanent magnet electronically commutated motor



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FXM4X1800AL*	1 1/2	600	1/3	208-230/1/60	16 3/8 x 21 1/2	49 5/8	17 5/8	22 1/16	122	\$1,736.38
FXM4X2400AL*	2	800	1/3	208-230/1/60	16 3/8 x 21 1/2	49 5/8	17 5/8	22 1/16	122	\$1,856.52
FXM4X3000AL*	2 1/2	1000	1/2	208-230/1/60	19 7/8 x 21 1/2	53 7/8	21 1/8	22 1/16	146	\$1,984.56
FXM4X3600AL*	3	1200	1/2	208-230/1/60	19 7/8 x 21 1/2	49 5/8	21 1/8	22 1/16	151	\$2,113.94
FXM4X4200AL*	3 1/2	1400	1/2	208-230/1/60	19 7/8 x 21 1/2	49 5/8	21 1/8	22 1/16	154	\$2,310.28
FXM4X4800AL*	4	1600	3/4	208-230/1/60	23 5/16 x 21 1/2	53 7/16	24 11/16	22 1/16	182	\$2,471.36
FXM4X6000AL*	5	2000	3/4	208-230/1/60	23 5/16 x 21 1/2	59 3/16	24 11/16	22 1/16	198	\$2,640.86



FCM4X

MULTI POISE, VARIABLE SPEED, USE WITH ION COMMUNICATING CONTROL, R410A

- Variable speed ECM Motor operates efficiently at all speed
- Discreet refined counterflow refrigerant circuitry
- Bi-flow hard-shutoff TXV metering device
- AL Suffix: aluminum evaporator tube
- Communicating, self configuring when used with observer communicating wall control
- Easy 4 wire hook up: reduces installation time.
- Easy plug connection provided for quick installation of accessory heater packages
- Replaceable 3-amp blade-type auto fuse protects against transformer secondary short
- Modular cabinet on 5 ton model

- AT Suffix: tin-coated copper evaporator tube



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FCM4X2400AL*	2	800	1/2	208-230/1/60	16 3/8 x 21 1/2	42 11/16	17 5/8	22 1/16	125	\$3,193.98
FCM4X3600AL*	3	1200	1/2	208-230/1/60	19 7/8 x 21 1/2	53 7/16	21 1/8	22 1/16	150	\$3,468.82
FCM4X4800AL*	4	1600	1/2	208-230/1/60	19 7/8 x 21 1/2	53 7/16	21 1/8	22 1/16	172	\$4,047.20
FCM4X6000AL*	5	1750	3/4	208-230/1/60	23 5/16 x 21 1/2	59 3/16	24 11/16	22 1/16	207	\$4,389.58



FMA4P

UPFLOW, APARTMENT, R410A

- For use with R-410A refrigerant or R-22 with accessory TXV
- Accessory field-installed electric heat kits available in 5, 7.5, or 10 kW
- Standard return air grille panel and is convertible to bottom return
- PSC motor on FMA4P models
- ECM motor on FMA4X models
- All service access is located in the front
- FMA4P: R-410A piston metering device
- FMA4X: R-410A TXV standard metering device
- AL suffix: aluminum
- AT suffix: tin coated coil
- Primary and secondary drain connections exit from the bottom
- 5 year parts limited warranty

- Units fits between standard stud spacing
- Fully insulated for conditioned space (not to be installed in unconditioned spaces)



Part No.	Nominal Tons	CFM	Motor HP	Voltage	Filter (In.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
						H	W	L		
FMA4P1800AL*	1 1/2	600	1/6	208-230/1/60	16 x 20 x 1	36 1/2	20 1/2	15	99	\$771.90
FMA4P2400AL*	2	800	1/4	208-230/1/60	16 x 20 x 1	36 1/2	20 1/2	15	99	\$820.94
FMA4P3000AL*	2 1/2	1000	1/3	208-230/1/60	20 x 20 x 1	39 1/2	22	19	135	\$875.74
FMA4P3600AL*	3	1200	1/2	208-230/1/60	20 x 20 x 1	39 1/2	22	19	123	\$934.38
FMA4X1800AL*	1 1/2	600	1/6	208-230/1/60	16 x 20 x 1	36 1/2	20 1/2	15	112	\$1,095.44
FMA4X2400AL*	2	800	1/4	208-230/1/60	16 x 20 x 1	36 1/2	20 1/2	15	112	\$1,148.90
FMA4X3000AL*	2 1/2	1000	1/3	208-230/1/60	20 x 20 x 1	39 1/2	22	19	140	\$1,200.30
FMA4X3600AL*	3	1200	1/2	208-230/1/60	20 x 20 x 1	39 1/2	22	19	140	\$1,261.18

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

FAN COIL



ELECTRIC HEAT ACCESSORIES, FOR FMA4 SERIES



EHK205B

Part No.	Voltage	kW Rating	Use with	Price
EHK205B*	208-240/1/60	5.0	FMA4X, FMA4P, 18-36	\$158.12
EHK208B*	208-240/1/60	7.5	FMA4X, FMA4P, 18-36	\$177.52
EHK210B*	208-240/1/60	10.0	FMA4X, FMA4P, 18-36	\$196.70
EHK305B*	208-240/1/60	5.0	FMU4P, FMC4P	\$176.34
EHK308B*	208-240/1/60	7.5	FMU4P, FMC4P	\$196.38
EHK310B*	208-240/1/60	10.0	FMU4P, FMC4P	\$216.20

ACCESSORIES



EBAC01DSC

For FSM, FEM, FSU models. FEM, FSM models 3500 and smaller use slope coils, 3600 and larger use A coils. Horizontal drain pan kits and no heat plug kits are factory installed in FSM, FEM models.

EBAC01GSK is required for horizontal right and downflow applications in FSM, FEM model



Part No.	Use with	Description	Price
EBAC01DSC	All Heaters 5-10 kW	Disconnect Kit	\$132.12
EBAC01NCB	1800	Downflow Base Ki	\$164.98
EBAC02NCB	2400,3000	Downflow Base Ki	\$189.20
EBAC03NCB	3500-4800	Downflow Base Ki	\$196.44
EBAC04NCB	6000	Downflow Base Ki	\$241.04
EBAC01DFS	1800(ALL)-3600(FSU)	Downflow Co version Kit, Slope Coil	\$44.68
EBAC02DFA	4200-6000, 3600(FSM/FEM)	Downflow Co version Kit, A Coil	\$173.54
EBAC01SPK	All 15-20 kW fused heaters	Single Point Wiring Kit	\$36.56
EBAC01FKS	1800	Permanent Filter Kit	\$23.04
EBAC01FKM	2400,3000	Permanent Filter Kit	\$24.10
EBAC01FKL	3500-4800	Permanent Filter Kit	\$24.68
EBAC01FKX	6000	Permanent Filter Kit	\$549.42
EBAC01PLG	All FSU	No Heat Plug Kit	\$85.38
EBAC01CTK	All	PVC Condensate Trap Kit	\$2.34
EBAC01DPK	1800 FSU	Horizontal Drain Pan Kit-Slope Coil	\$88.62
EBAC02DPK	2400,3000 FSU	Horizontal Drain Pan Kit-Slope Coil	\$99.64
EBAC03DPK	3600 FSU	Horizontal Drain Pan Kit-Slope Coil	\$91.48
EBAC04DPK	4200 FSU	Horizontal Drain Pan Kit-A Coil	\$79.26
EBAC05DPK	4800 FSU	Horizontal Drain Pan Kit-A Coil	\$79.26
EBAC06DPK	6000 FSU	Horizontal Drain Pan Kit-A Coil	\$183.44
EBAC01GSK	All	Horizontal Gasket Kit	\$33.20

FOR A FULL LIST OF ACCESSORIES, VISIT URI.COM



TZHSL

AIR HANDLER, R410A

- Versatile 4-way convertible design for upflo , downflo , horizontal left and horizontal right applications.
- Factory-installed indoor coil.
- Sturdy cabinet construction with 1.0 inch of foil faced insulation for excellent sound and insulating characteristics.
- All models meet or exceed 330 to 400 CFM per ton at .3 inches of external static pressure.
- Enhanced airflow up to .7" external static pressure
- Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Cabinet air leakage less than 2% at 1 inch H2O when tested in accordance with ASHRAE standard 193
- TZHSLP: PSC Motor
- TZHSLT: Constant Torque Motor
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.



Part No.	Nominal Tons	Motor HP	CFM	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					H	W	L		
TZHSLPST1817JA	1 1/2	1/5	600	208-240/1/60	42 1/2	17 1/2	21 11/16	96	\$1,325.06
TZHSLTST2417JA	2	1/3	600	208-240/1/60	42 1/2	17 1/2	21 11/16	96	\$1,630.58
TZHSLPST2417JA	2	1/5	800	208-240/1/60	42 1/2	17 1/2	21 11/16	82	\$1,437.54
TZHSLTST3617JA	3	1/2	1000	208-240/1/60	42 1/2	17 1/2	21 11/16	106	\$1,808.46
TZHSLPST3017JA	2 1/2	1/4	1000	208-240/1/60	42 1/2	17 1/2	21 11/16	92	\$1,547.66
TZHSLTST4821JA	4	3/4	1400	208-240/1/60	50 1/2	21	21 11/16	166	\$2,133.08
TZHSLPST3617JA	3	1/3	1200	208-240/1/60	42 1/2	17 1/2	21 11/16	106	\$1,659.86
TZHSLTST6024JA	5	3/4	1800	208-240/1/60	50 1/2	24	21 11/16	182	\$2,134.76
TZHSLPST4221JA	3 1/2	1/2	1400	208-240/1/60	50 1/2	21	21 11/16	166	\$1,836.68
TZHSLPST4821JA	4	3/4	1600	208-240/1/60	50 1/2	21	21 11/16	166	\$1,991.96
TZHSLPST6024DA	5	3/4	1800	480/3/60	55 1/2	24	21 11/16	182	\$2,230.00
TZHSLPST6024JA	5	3/4	1800	208-240/1/60	55 1/2	24	21 11/16	182	\$2,134.76

**AIR HANDLER, UP TO 16 SEER**

- TZHDLM: ECM® Motor
- TZHDLV: Variable speed motor
- Versatile 4-way convertible design for upflo , downflo , horizontal left and horizontal right applications.
- Nominal airflow up to 1.0" external static pressure.
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.
- Dip switch settings for selectable, customized cooling airflow over a wide variety of applications.
- On-demand dehumidification terminal that adjusts airflow to help control humidity for unsurpassed comfort in cooling mode.
- External filter required
- Evaporator coil is constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Cabinet air leakage less than 2% at 1 inch H2O when tested in accordance with ASHRAE standard 193
- Factory-installed indoor coil.
- Sturdy cabinet construction with 1.0 inch of foil faced insulation for excellent sound and insulating characteristics.



Part No.	Nominal Tons	Motor HP	CFM	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					H	W	L		
TZHDLVMT2421JA	2	1/3	600	208-230/1/60	42 1/2	21	21 11/16	123	\$2,613.58
TZHDLVMT3621JA	3	3/4	1200	208-230/1/60	50 1/2	21	21 11/16	138	\$3,149.32
TZHDLVMT4821JA	4	3/4	1400	208-240/1/60	57	21	21 11/16	153	\$3,232.04
TZHDLVST6024JA	5	3/4	1600	208-240/1/60	55 1/2	24 1/2	21 11/16	180	\$3,536.66
TZHDLTMT2421JA	2	1/3	600	208-230/1/60	42 1/2	21	21 11/16	123	\$2,410.06
TZHDLTMT3621JA	3	3/4	1200	208-230/1/60	50 1/2	21	21 11/16	145	\$2,794.26
TZHDLTMT4824JA	4	3/4	1400	208-240/1/60	57	21	21 11/16	180	\$2,882.56
TZHDLTMT6024JA	5	3/4	1600	208-240/1/60	55 1/2	24 1/2	21 11/16	180	\$2,934.22

FAN COIL



BVA-M18

AIR HANDLER, IDS 1.0

- Robust and constructed with a commercial-grade, powder-coated steel for durability.
- Upflow applications. Field convertible for horizontal right, horizontal left, or downflow counterflow applications
- Electric heat can be added to the air handler for additional heat on-demand when you need it most.
- The blower motor is a constant torque ECM motor and comes standard in all unit size.
- Foil faced insulation helps to prevent fibers from entering the air stream and prevents energy loss through the cabinet.



Part No.	Nominal Tons	Voltage	Dimensions (In.)			Use with	Ship Wgt (Lbs.)	Price
			H	W	D			
BVA024WN1M18	2	208-230/1/60	46.5	19.625	21.625	BOVA-36HDN1-M18M	132	\$2,463.98
BVA036WN1M18	3	208-230/1/60	46.5	19.625	21.625	BOVA-36HDN1-M18M, BOVA-60HDN1-M18M	139	\$3,166.88
BVA048WN1M18	4	208-230/1/60	54.5	22.0	24.0	BOVA-60HDN1-M18M	180	\$3,287.86
BVA060WN1M18	5	208-230/1/60	54.5	22.0	24.0	BOVA-60HDN1-M18M	188	\$4,501.12



BVA-M20

AIR HANDLER, IDS 2.0

- Material – Foil faced insulation material on the inner walls decreases energy loss and eliminates condensation.
- Cabinets – Painted galvanized steel cabinet is salt spray tested for improved durability and corrosion-resistance.
- All-Aluminum Coil – With excellent heat transfer, efficiency, and humidity removal, the A-coil is more durable and has a lower chance of refrigerant leakage compared to typical copper coils.
- Control Board Pocket – A dedicated slot for the control board protects it from humidity in the airstream and extends its lifetime.
- Integrated Drain Pan - Made from corrosion-resistant composite material, gently sloped to eliminate standing water.
- Secondary Drain Pan – Flexibility for VT or HZ applications.
- Filter Rack – Factory reserved, provides convenience for field installation and serviceability.
- Electric Heat – Can accommodate electric heat with no modification to the cabinet for additional heat on-demand when you need it most.
- Two stage ECM motor – Indoor blower stages up and down to provide enhanced comfort, energy savings, and superior humidity control.



Part No.	Nominal Tons	Voltage	Dimensions (In.)			Use with	Ship Wgt (Lbs.)	Price
			H	W	D			
BVA24WN1M20	2	208-230/1/60	46.5	19.625	21.625	BOVA-36HDN1-M20G	132	\$2,440.12
BVA36WN1M20	3	208-230/1/60	46.5	19.625	21.625	BOVA-36HDN1-M20G	139	\$3,135.36
BVA48WN1M20	4	208-230/1/60	54.5	22.0	24.0	BOVA-60HDN1-M20G	180	\$3,255.50
BVA60WN1M20	5	208-230/1/60	54.5	22.0	24.0	BOVA-60HDN1-M20G	188	\$4,456.82



EHK05B

ELECTRIC STRIP HEATER

Part No.	Description	Ship Wgt (Lbs.)	Price
EHK05B	5 kW	13.00	\$309.60
EHK08B	7.5 kW	13.00	\$390.00
EHK10B	10 kW	10.00	\$430.80
EHK15B	15 kW	16.00	\$699.60
EHK20B	20 kW	10.00	\$820.80





BCRM

MULTI-POSITION, HOT WATER

- Suitable for use with R-410A
- Right hand horizontal drain pan position
- Easy to replace hot water heat kits, available factory or field install
- Magnetic filter rack door for easy access and replacement
- Variable-speed high efficiency ECM motor or 3 speed moto
- Variable-speed features:
 - Maintains selected CFM over wide range of static conditions
 - Standard fan time delay feature
 - Constant air circulation setting for improved IAQ
 - LED display for visual indication of air volume
- Easy to read plug and play multi-function control board, standard on all models:
 1. Controls both factory and field installed circulating pump
 2. 24 VAC isolation valve control
 3. Auxiliary contacts for water heater or boiler activation
 4. Freeze protection activates at 40°F
 5. Thermostat connections
 6. 60 second time delay for blower activation
 7. 130°F aquastat time delay for blower activation (optional)
- Standard sized fiberglass air filter included with every air handl
- Voltage: 120/1/60 with time delay and 130°F aquastat
- Hot water coil without pump and valve assembly:
- 2N: 2 row hot water coil (sizes 12-30, 36)
- 3N: 3 row hot water coil (all sizes)
- 00 = No Heat
- Water connections 7/8" ODF (for 3/4" water pipe) on 12-30, 36 size models and 1 1/8" ODF (for 1" water pipe) on 31, 37 - 60 size models.



Part No.	Nominal Tons	Motor Type	Metering Device	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	D		
BCRMA3924S2N4	2	3-Speed	Non-Bleed HP-A/CTXV	44	15	22	152	\$1,771.42
BCRMA3924S2P4	2	3-Speed	Non-Bleed HP-A/CTXV	44	15	22	152	\$2,074.28
BCRMA4924S003	2	3-Speed	Non-Bleed HP-A/CTXV	44	15	22	100	\$1,282.86
BCRMB5936S2N4	3	3-Speed	Non-Bleed HP-A/CTXV	48	18 1/2	22	164	\$1,914.28
BCRMB7936S003	3	3-Speed	Non-Bleed HP-A/CTXV	48	18 1/2	22	100	\$1,442.86
BCRMC1948S3N4	4	3-Speed	Non-Bleed HP-A/CTXV	49	20	26	263	\$2,562.86
BCRMC4960S3N4	5	3-Speed	Non-Bleed HP-A/CTXV	53	22	26	274	\$2,871.42
BCRMC4960S003	5	3-Speed	Non-Bleed HP-A/CTXV	53	22	26	125	\$2,125.72



RH1

AQUECOIL

- Designed to fit your air handler; ICP may also fit Carrier/BDP models, Thermal Zone may also fit new Rheem/Ruud models
- Heavy duty cabinet made of rust-proof aluminum
- Baked enamel finish for a polished loo
- Fully insulated with high R rigid foam
- Uses any hot water source with sufficient BTU



Part No.	W (In.)	L (In.)	Nominal Tons	Use with	Price
C1	14 5/16	22 1/16	1 1/2 to 2	Arcoaire	\$772.30
C2	17 5/8	22 1/16	3	Arcoaire	\$840.00
C3	21 1/8	22 1/16	3 1/2 to 4	Arcoaire	\$941.54
C-4	24 11/16	22 1/16	5	Arcoaire	\$1,064.00
C-5	25 3/4	22 1/16	6	Arcoaire	\$1,101.52
RH1	17 1/2	22 1/16	1 1/2 to 3	Thermal Zone	\$840.00
RH2	21	22 1/16	3 to 4	Thermal Zone	\$941.54
RH3	24 1/2	22 1/16	4 to 5	Thermal Zone	\$1,064.60

MOBILE HOME



ELECTRIC FURNACE, EBE SERIES

Guardian® EB Series electric furnaces feature a zero clearance feature, allowing the furnace to be installed where space is at a premium. They also feature a built-in coil cabinet for ease of installation and efficient operating performance, as well as a multi-speed blower, capable of handling cooling and heat pump loads.

- Zero clearance feature allows the furnace to be installed where space is at a premium
- Built-in coil cabinet allows for ease of installation and highly efficient operating performance
- Multi-speed blower capable of handling cooling and heat pump loads
- 2-year parts limited warranty



Part No.	kW		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input	Output	H	W	D		
EBE10A	10.0	10.0	52.5	20	24.5	155	\$1,139.16
EBE12A	12.0	11.4	52.5	20	24.5	155	\$1,189.84
EBE15A	15.0	15.0	52.5	20	24.5	155	\$1,274.28
EBE17A	17.0	16.4	52.5	20	24.5	169	\$1,291.16
EBE20A	20.0	19.6	52.5	20	24.5	137	\$1,324.94
EBE23A	23.0	22.6	52.5	19	24.5	145	\$1,375.62

GAS FURNACE, DGAX SERIES

Guardian® DGAX Series gas furnaces feature louvered front door panels for durability, offer electronic hot surface ignition to save fuel costs while increasing dependability and fit standard manufactured housing space for ease of installation.

- Electronic hot surface ignition saves fuel costs with increased dependability and reliability

- Louvered front door panel construction for durability
- Fits standard manufactured housing space for ease of installation



Part No.	BTUH		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input	Output	H	W	D		
DGAX056BDTA	56000	45000	76	19.5	24.5	86	\$1,688.06
DGAX070BDTA	70000	56000	51.5	19.5	24.0	86	\$1,730.28
DGAX077BDTA	77000	62000	51.5	19.5	24.0	86	\$1,738.72
DGAX090BDTA	90000	72000	51.5	19.5	24.0	86	\$1,764.06

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DRAIN PAN

Rolled edges for durability
 Ribbed bottoms for rigidity
 Reinforced corners for strength
 3/4" PVC fittings attached to each pa

No seams—no rust—no leakage
 Depth 2"; Overall dimension + 2"
 S suffix = Drain line outlets in short sid
 L suffix = Drain line outlets in long sid



SECONDARY, PLASTIC

- Includes drain fittin

Part No.	Width (In.)	Length (In.)	Price
DP24X48	24	48	
DP27X48	27	48	
DP27X64	27	64	
DP30X60	30	60	



302-2424

SECONDARY, METAL

Galvanized auxiliary drain pans with adapter fittin

Part No.	Width (In.)	Length (In.)	Price
302-2424	24	24	
302-2448	24	48	
302-2626	26	26	
302-2748	27	48	
302-2763	27	63	
302-3030	30	30	
302-3060	30	60	
302-3162	31	62	
302-3636	36	36	



DP2748L

SECONDARY, PLASTIC

- Rolled edges for durability
- Ribbed bottoms for rigidity
- Reinforced corners for strength
- 3/4" PVC fittings attached to each pa
- No seams, no rust, no leakage
- Depth 2"; Overall dimension + 2"
- "S" suffix = Drain line outlets in short sid
- "L" suffix = Drain line outlets in long sid



Part No.	Width (In.)	Length (In.)	Price
DP1838S	20	40	\$43.54
DP2424L	26	26	\$42.04
DP2748L	29	50	\$54.74
DP2763L	29	65	\$68.44
DP3030L	32	32	\$40.52
DP3060L	32	62	\$72.46
DP3263L	34	65	\$73.76
DP3050L	32	52	\$68.84
DP3660L	38	62	\$95.84



AGG30X60

SECONDARY, PLASTIC

- Reinforced walls with gussets to resist buckling and add support
- Rubber mounts to reduce vibration
- Built in structural support
- Extreme temperature resistance



Part No.	Width (In.)	Length (In.)	Price
AGG27X64	27	64	\$232.86
AGG30X50	30	50	\$176.56
AGG30X60	30	60	\$205.50

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

DRAIN PAN



SAFT1

SAFE-T-SWITCH®

The Safe-T-Switch® Models SS1 and SS2 detect down stream clogs in condensate drains and interrupt the thermostat circuit to shut off the unit before flooding occurs. This product can also be installed to activate an alarm circuit. The Model SS1 installs inline at any downward slope from vertical to horizontal. It can also be installed on auxiliary pan outlets utilizing the plug included with the kit. Model SS2 installs primarily in drain pan outlets but can be used inline with the addition of a 3/4" tee. Float resets automatically and won't stick in the OFF position after the drain is cleared, saving callbacks. Model SS3

mounts to the auxiliary drain pan; minimum pan depth 1 3/8". Package includes snap on mounting bracket, mounting nuts, 1/4" hex head self-drilling sheet metal screw, pre-wired 6', 18 gauge lead wires, instructions and warning sticker.

- Safe-T-Switch® is UL Listed to comply with most applicable building codes
- Package includes 4', 18 gauge lead wires
- SS1 also includes 3/4" Schedule 40 PVC slip plug and bushing



Part No.	Description	Price
SAFT1	SS1, Inline T	\$43.56
SAFT2	SS2, Terminal 90°	\$37.54
SS3	Drain Pan Auxiliary Switch	\$21.84

ACCESSORIES



NASA003CH

ACCESSORIES

Crankcase heaters and compressor sound jackets are factory installed on some models; check model series specification



Part No.	Description	Price
NASA001AC	Anti Cycle Timer, 5 minute delay	\$82.36
NASA001TD	Time Delay Relay, Indoor Blower	\$198.28
NASA001CH	Crankcase Heater, Scroll, 208-230	\$67.44
NASA002CH	Crankcase Heater, Scroll, 460	\$67.44
NASA003CH	Crankcase Heater, Scroll, V Star, 208-230	\$67.44
NASA004CH	Crankcase Heater, Scroll, V Star, 460	\$52.36
NASA001SC	PTC Start Device	\$96.12
NASA003SC	Start Capacitor, Relay	\$146.92
NASA004SC	Start Capacitor, Relay	\$176.96
NASA005SC	Start Capacitor, Relay	\$163.08
NASA006SC	Start Capacitor, Relay	\$129.82
NASA007SC	Start Capacitor, Relay	\$156.74
NASA008SC	Start Capacitor, Relay	\$155.54
NASA009SC	Start Capacitor, Relay	\$207.08
NASA001LS	Liquid Line Solenoid, HP, R22+410A	\$267.66
NASA201LS	Liquid Line Solenoid, R22	\$107.94
NASA401LS	Liquid Line Solenoid, R410A	\$263.26
NASA001SJ	Sound Blanket Kit	\$96.12
NASA002SJ	Sound Blanket Kit	\$116.30
NASA003SJ	Sound Blanket Kit	\$132.12
NASA201LA	Low Ambient Kit, R22	\$315.24
NASA401LA	Low Ambient Kit, R410A	\$315.24
NASA201PS	Low Pressure Switch, AC, R22	\$61.54
NASA202PS	High Pressure Switch, AC/HP, R22	\$89.32

Continued...

ACCESSORIES (CONT.D)



Part No.	Description	Price
NAEA40501TX	TXV Kit, Piston to R410A, 1 1/2 to 2 1/2 Tons (2010)	\$180.96
NAEA40601TX	TXV Kit, Piston to R410A, 3 to 3 1/2 Tons (2010)	\$190.62
NAEB40601TX	TXV Kit (for use with aluminum fan coils), Piston to R410A, 3 to 3 1/2 Tons (2010)	\$262.12
NAEA40701TX	TXV Kit, Piston to R410A, 4 to 5 Tons (2010)	\$167.64
NAEA20101TX	TXV Kit, Piston to R22, 1 1/2 to 3 1/2 Tons	\$256.98
NAEA20201TX	TXV Kit, Piston to R22, 4 Tons	\$212.62
NAEA20301TX	TXV Kit, Piston to R22, 5 Tons	\$212.62
NAEA20401TX	TXV Kit, R410A to R22, 1 1/2 Tons	\$189.82
NAEA20501TX	TXV Kit, R410A to R22, 3 1/2 to 4 Tons	\$189.82
NAEA20601TX	TXV Kit, R410A to R22, 2 to 3 Tons	\$189.82
NAEA20701TX	TXV Kit, R410A to R22, 5 Tons	\$189.82
NAEA40101TX	TXV Kit, R22 to R410A, 1 1/2 to 2 1/2 Tons	\$160.16
NAEA40201TX	TXV Kit, R22 to R410A, 3 Tons	\$160.16
NAEA40301TX	TXV Kit, R22 to R410A, 3 1/2 Tons	\$160.16
NAEA40401TX	TXV Kit, R22 to R410A, 4 to 5 Tons	\$160.16

FOR A FULL LIST OF ACCESSORIES, VISIT URI.COM

UPFLOW/DOWNFLOW/HORIZONTAL



1 STAGE, MULTI POISE, 80%, ULTRA-LOW NOX, N80ESU SERIES

- Ultra--low NOx emissions -- meets the nitrogen oxides (NOx) emission limit of 14 nanograms/joule for the South Coast Air Quality Management District and San Joaquin Valley Air Pollution Control District in California.
- Stainless steel, tubular heat exchanger
- Pilot free, hot surface ignition
- High temperature limit control designed to prevent overheating
- Blocked vent switch
- Noise reduction combustion system, insulated blower compartment
- Variable speed inducer motor
- Approved for installations up to 5,400 feet
- Quarter turn knobs for easy door removal and secure attachment
- Factory shipped for natural gas, not convertible to propane
- Flexible installation: Upflo , Downflo , Horizontal
- Two position vent elbow capability
- Common venting with other Category I appliances
- Self diagnostics
- Slide out blower assembly
- Four--position furnace: Upflo , Horizontal Right, Horizontal Left, Downflow (6 different vent options)
- Versatile venting for tight--fit application
- Category I venting
- Cabinet air leakage less than 2.0% at 1.0 in. W.C. and cabinet air leakage less than 1.4% at 0.5 in. W.C. when tested in accordance with ASHRAE Standard 193
- Fixed--speeds, constant torque ECM blower motor



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
N80ESU0401712A*	20Year	40000	31000	80.0	250-1370	33 1/4	17 1/2	29	118	\$2,294.52
N80ESU0601716A*	20Year	60000	48000	80.0	940-1545	33 1/4	17 1/2	29	126	\$20,000.00
N80ESU0802120A*	20Year	80000	64000	80.0	815-1990	33 1/4	21	29	140	\$20,000.00
N80ESU1002120A*	20Year	100000	81000	80.0	950-2005	33 1/4	21	29	150	\$2,849.20

GAS FURNACE

UPFLOW/DOWNFLOW/HORIZONTAL



HIGH EFFICIENCY, VARIABLE SPEED

Easier to Sell

- Xtra SEER ECM blower motor
- Supports single or two-stage cooling units
- Dehumidification feature in coolin
- California NOx approved

Quieter

- Fully insulated steel cabinet

Easier to Install and Service

- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24VAC humidifier termina
- Electronic air cleaner terminal
- 35" high, for ease of installation
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position: upflow/downflow/horizontal (left/right) installati
- At least twelve different venting configuration
- Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Concentric vent available
- Slide out heat exchanger assembly and blower assembly

- Certified to leak 2% or less of nominal air conditioning CFM delivered when pressurized to 1" water column with all present air inlets, air outlets, and condensate drain port(s) sealed

Tougher

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- Stainless steel secondary heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- High-quality, corrosion-resistant, one-piece steel cabinet

TWO-STAGE, COMMUNICATING, 96%, F96CTN SERIES

- Up to 96% AFUE in upflow and horizontal position
- 95% AFUE in downflow positio
- ION™ Communicating Control System (recommended, sold separately SYST0101CW)
- Variable speed ECM blower motor
- Two-stage heating operation

- 10 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty (an additional 5 years with timely registration)

Capacities are for upflow application; horizontal and downflow slightly lowe



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Energy Star	Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L			
F96CTN0601714A*	Lifetime	60000	58000	96.3	530-1280	35	17 1/2	29 1/2	Yes	151	\$5,096.46
F96CTN0801714A*	Lifetime	80000	78000	96.2	520-1310	35	17 1/2	29 1/2	Yes	152	\$5,306.84
F96CTN0802120A*	Lifetime	80000	78000	96.7	750-1945	35	21	29 1/2	Yes	171.5	\$5,427.12
F96CTN1002122A*	Lifetime	100000	98000	96.1	715-2160	35	21	29 1/2	Yes	179	\$5,873.18
F96CTN1202422A*	Lifetime	120000	117000	96.7	705-2135	35	24 1/2	29 1/2	Yes	195	\$6,335.92

TWO-STAGE, VARIABLE SPEED, 96%, F96VTN SERIES

- Up to 96% AFUE in upflow and horizontal position
- 95% AFUE in downflow positio
- Variable speed ECM blower motor
- Two-stage heating operation
- 5 year No Hassle Replacement limited warranty

- Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty (an additional 5 years with timely registration)

Capacities are for upflow application; horizontal and downflo slightly lower



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Energy Star	Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L			
F96VTN0401410A*	Lifetime	40000	39000	95.0	445-1030	35	14 3/16	29 1/2	Yes	123	\$3,159.82
F96VTN0401712A*	Lifetime	40000	39000	96.0	400-1105	35	17 1/2	29 1/2	Yes	133	\$3,276.32
F96VTN0601412A*	Lifetime	60000	58000	95.0	445-1115	35	14 3/16	29 1/2	Yes	132	\$3,240.34
F96VTN0601714A*	Lifetime	60000	58000	96.0	210-1475	35	17 1/2	29 1/2	Yes	139	\$3,262.80
F96VTN0801716A*	Lifetime	80000	78000	96.0	360-1655	35	17 1/2	29 1/2	Yes	147	\$3,299.04
F96VTN0802120A*	Lifetime	80000	78000	96.0	440-2005	35	21	29 1/2	Yes	156	\$3,388.76
F96VTN1002120A*	Lifetime	100000	97000	96.0	405-2005	35	21	29 1/2	Yes	170	\$3,650.78
F96VTN1202422A*	Lifetime	120000	117000	96.0	505-2190	35	24 1/2	29 1/2	Yes	190	\$4,062.80



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

MODULATING GAS, VARIABLE SPEED, COMMUNICATING, LOW NOX, 98%

- ION™ Communicating Control System (recommended, not included)
- Up to 98% AFUE in upflow and horizontal position
- Up to 96.7% AFUE in downflo
- RPJ® primary heat exchanger
- Two stage heating operation
- Two stage induced draft blower
- 24 Vac humidifier termina
- California NOx approved

Capacities are for upflow application; horizontal and downflo slightly lower

Warranty

10 year "No Hassle Replacement" limited warranty
Lifetime heat exchanger limited warranty with timely registration
5 year parts limited warranty (10 year with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Energy Star	Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L			
F97CMN0601714A*	Lifetime	60000	59000	97.0	510-1335	35	17 1/2	29 1/2	Yes	154	\$5,216.54
F97CMN0602120A*	Lifetime	60600	60000	98.0	510-1905	35	21	29 1/2	Yes	159	\$5,338.12
F97CMN0801714A*	Lifetime	80000	78000	97.0	490-1375	35	17 1/2	29 1/2	Yes	164	\$5,524.70
F97CMN0802120A*	Lifetime	80000	78000	97.0	750-1945	35	21	29 1/2	Yes	169	\$5,621.86
F97CMN1002122A*	Lifetime	100000	98000	97.0	715-2160	35	21	29 1/2	Yes	179	\$6,081.60
F97CMN1202422A*	Lifetime	120000	117000	97.0	885-2185	35	24 1/2	29 1/2	Yes	203	\$6,374.14



HIGH EFFICIENCY, MULTI-SPEED

Easier to Sell

- California NOx approved
- Certified to leak 2% or less of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed

- Approved for Manufactured Housing/Mobile Home applications (0401410 through 1202420) with accessory (order separately)

Tougher

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ aluminized steel primary heat exchanger
- Stainless steel secondary heat exchanger

- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- High quality, corrosion-resistant, prepainted steel cabinet

Easier to Install and Service

- Simplified, factory installed internal condensate drain system
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position - upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configuration
- Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

SINGLE-STAGE, PSC, N92ESN SERIES, 92.1%

- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24 VAC humidifier terminal & electronic air cleaner terminal
- 20 year heat exchanger limited warranty
- 5 year parts limited warranty (an additional 5 years with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
N92ESN0401410A*	20 Years	40000	37000	92.1	290-985	35	14 3/16	29 1/2	112	\$1,861.18
N92ESN0401712A*	20 Years	40000	37000	92.1	350-985	35	17 1/2	29 1/2	122.5	\$1,873.16
N92ESN0601412A*	20 Years	60000	56000	92.1	450-1035	35	14 3/16	29 1/2	122	\$1,973.66
N92ESN0601714A*	20 Years	60000	56000	92.1	535-1190	35	17 1/2	29 1/2	132	\$1,990.66
N92ESN0801716A*	20 Years	80000	75000	92.1	450-1365	35	17 1/2	29 1/2	142	\$2,049.82
N92ESN0802120A*	20 Years	80000	75000	92.1	940-1815	35	21	29 1/2	150	\$2,226.14
N92ESN1002120A*	20 Years	100000	93000	92.1	945-1850	35	21	29 1/2	160	\$2,464.84
N92ESN1202420A*	20 Years	120000	111000	92.1	1330-2280	35	24 1/2	29 1/2	183	\$2,703.72

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

UPFLOW/DOWNFLOW/HORIZONTAL



SINGLE-STAGE, PSC, N95ESN SERIES, 95%

- 95% AFUE (Downflow), 96% AFUE (Upflow/Horizontal),
- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24 VAC humidifier terminal & electronic air cleaner terminal
- 20 year heat exchanger limited warranty
- 5 year parts limited warranty (an additional 5 years with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Energy Star	Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L			
N95ESN0401410A*	20 Years	40000	39000	95.0	365-950	35	14 3/16	29 1/2	Yes	120	\$2,099.08
N95ESN0401712A*	20 Years	40000	39000	95.0	270-1010	35	17 1/2	29 1/2	Yes	126.5	\$2,119.20
N95ESN0601412A*	20 Years	60000	58000	95.0	345-1120	35	14 3/16	29 1/2	Yes	129	\$2,212.88
N95ESN0601714A*	20 Years	60000	58000	95.0	460-1330	35	17 1/2	29 1/2	Yes	136.5	\$2,211.90
N95ESN0801716A*	20 Years	80000	78000	95.0	935-1665	35	17 1/2	29 1/2	Yes	146.5	\$2,380.64
N95ESN0802120A*	20 Years	80000	78000	95.0	895-1855	35	21	29 1/2	Yes	154.5	\$2,491.82
N95ESN1002120A*	20 Years	100000	97000	95.0	1110-2125	35	21	29 1/2	Yes	164.5	\$2,664.46
N95ESN1202422A*	20 Years	120000	117000	95.0	710-2105	35	24 1/2	29 1/2	Yes	179.5	\$2,865.70
N95ESN1402422A*	20 Years	140000	135000	95.0	470-2310	35	24 1/2	29 1/2	Yes	189	\$2,919.98



F80CTL

DELUXE 80%

- Supports two-stage cooling units
- Flame rollout sensors standard
- Category I venting
- Blocked vent switch
- Dehumidification feature in cooling
- Electronic air cleaner terminal
- Adjustable heating blower OFF delay
- Insulated blower compartment
- 33 1/3" (847mm) high, for ease of installation
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- Three position vent elbow capability
- Through the casing flue pipe for counterflow application
- Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

- Factory set blower ON delay
- RPJ aluminized steel heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with silicon nitride ignitor
- Inshot burners

2 STAGE, VARIABLE SPEED, COMMUNICATING, LOW NOX, 80%

- ION™ Communicating Control System (recommended, not included)
- Two stage heating operation
- Two stage induced draft blower
- Variable speed ECM blower motor
- 24 Vac humidifier terminal
- One piece prepainted steel cabinet
- California NOx approved
- Capacities are for upflow application; horizontal and downflow slightly lower

Warranty

10 year "No Hassle Replacement" limited warranty
Lifetime heat exchanger limited warranty with timely registration
5 year parts limited warranty (10 year with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
F80CTL0451712A*	Lifetime	44000	35000	80.0	550-1345	33 1/3	17 1/2	29	126	\$2,828.80
F80CTL0701412A*	Lifetime	66000	54000	80.0	485-1395	33 1/3	14 3/16	29	107	\$2,819.86
F80CTL0701716A*	Lifetime	66000	53000	80.0	505-1375	33 1/3	17 1/2	29	126	\$2,939.00
F80CTL0702120A*	Lifetime	66000	53000	80.0	790-2150	33 1/3	21	29	146	\$3,074.98
F80CTL0901716A*	Lifetime	88000	71000	80.0	475-1595	33 1/3	17 1/2	29	126	\$3,095.38
F80CTL0902120A*	Lifetime	88000	71000	80.0	730-2330	33 1/3	21	29	146	\$3,098.10
F80CTL1102120A*	Lifetime	110000	89000	80.0	700-2155	33 1/3	21	29	152	\$3,310.80
F80CTL1352422A*	Lifetime	132000	107000	80.0	690-2265	33 1/3	24 1/2	29	163	\$3,575.16

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



PERFORMANCE 80%

- Flame rollout sensors standard
- Category I venting
- Blocked vent switch
- Electronic air cleaner terminal
- Adjustable heating blower OFF delay

- 33 1/3" (847mm) high, for ease of installation
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installati
- Three position vent elbow capability
- Through the casing flue pipe for counterflow applicatio
- Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

- Factory set blower ON delay
- RPJ aluminized steel heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with silicon nitride ignitor
- Inshot burners

1 STAGE, MULTI POISE, 80%, N80ESN SERIES

- ECM blower motor
- Single stage heating operation
- Capacities apply for all positions
- 24 VAC and 115 VAC humidifier termina

Warranty

20 year heat exchanger limited warranty
5 year parts limited warranty (10 year with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
N80ESN0451412A*	20 Year	44000	36000	80.0	415-1080	33 1/3	14 3/16	29	104	\$1,462.00
N80ESN0451712A*	20 Year	44000	35000	80.0	320-1215	33 1/3	17 1/2	29	119	\$1,477.22
N80ESN0701412A*	20 Year	66000	54000	80.0	315-1070	33 1/3	14 3/16	29	114	\$1,532.94
N80ESN0701712A*	20 Year	66000	54000	80.0	385-1005	33 1/3	17 1/2	29	120	\$1,545.78
N80ESN0702116A*	20 Year	66000	53000	80.0	775-1545	33 1/3	17 1/2	29	142	\$1,523.18
N80ESN0901714A*	20 Year	88000	71000	80.0	750-1210	33 1/3	17 1/2	29	131	\$1,620.62
N80ESN0902116A*	20 Year	88000	72000	80.0	845-1445	33 1/3	21	29	137	\$1,648.10
N80ESN0902120A*	20 Year	88000	71000	80.0	915-1980	33 1/3	21	29	137	\$1,749.94
N80ESN0902420A*	20 Year	88000	72000	80.0	845-1960	33 1/3	24 1/2	29	140	\$1,767.74
N80ESN1102120A*	20 Year	110000	90000	80.0	990-1715	33 1/3	21	29	146	\$1,727.66
N80ESN1102420A*	20 Year	110000	90000	80.0	820-2005	33 1/3	24 1/2	29	146	\$1,739.36
N80ESN1352420A*	20 Year	132000	107000	80.0	1025-1810	33 1/3	24 1/2	29	167	\$1,775.38

1 STAGE, MULTI POISE, 80%, LOW NOX, N80ESL SERIES

- ECM blower motor
- Low NOx units designed for California installations and meet 40 ng/J NOx emissions. Can be installed in air quality management districts with a 40 ng/J NOx emissions requirement.
- Single stage heating operation
- First capacity applies to upflow positio

- Second capacity applies to downflow/horizontal position
- 24 VAC and 115 VAC humidifier termina

Warranty

20 year heat exchanger limited warranty
5 year parts limited warranty (10 year with timely registration)



Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
N80ESL0451412A*	20 Year	44000/42000	36000/34000	80.0	415-1080	33 1/3	14 3/16	29	104	\$20,000.00
N80ESL0451712A*	20 Year	44000/42000	35000/34000	80.0	320-1215	33 1/3	17 1/2	29	119	\$20,000.00
N80ESL0701412A*	20 Year	66000/63000	54000/51000	80.0	315-1070	33 1/3	14 3/16	29	114	\$20,000.00
N80ESL0701712A*	20 Year	66000/63000	54000/51000	80.0	385-1005	33 1/3	17 1/2	29	120	\$20,000.00
N80ESL0702116A*	20 Year	66000/63000	53000/51000	80.0	775-1545	33 1/3	17 1/2	29	142	\$20,000.00
N80ESL0901714A*	20 Year	88000/84000	71000/68000	80.0	750-1210	33 1/3	17 1/2	29	131	\$20,000.00
N80ESL0902116A*	20 Year	88000/84000	72000/68000	80.0	845-1445	33 1/3	21	29	137	\$20,000.00
N80ESL0902120A*	20 Year	88000/84000	71000/68000	80.0	915-1980	33 1/3	21	29	140	\$20,000.00
N80ESL0902420A*	20 Year	88000/84000	72000/68000	80.0	845-1960	33 1/3	24 1/2	29	146	\$20,000.00
N80ESL1102120A*	20 Year	110000/105000	90000/85000	80.0	990-1715	33 1/3	21	29	146	\$20,000.00
N80ESL1102420A*	20 Year	110000/105000	90000/86000	80.0	820-2005	33 1/3	24 1/2	29	146	\$20,000.00
N80ESL1352420A*	20 Year	132000/126000	107000/102000	80.0	1025-1810	33 1/3	24 1/2	29	167	\$20,000.00
N80ESL1552420A*	20 Year	154000/147000	125000/119000	80.0	835-1965	33 1/3	24 1/2	29	168	\$20,000.00

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GAS FURNACE

UPFLOW/DOWNFLOW/HORIZONTAL



SINGLE STAGE, MULTI POISE, VARIABLE SPEED, 80%, LOW NOX, N80VSL SERIES

- Variable speed ECM blower motor
- Low NOx units designed for California installations and meet 40 ng/J NOx emissions. Can be installed in air quality management districts with a 40 ng/J NOx emissions requirement.
- First capacity applies to upflow position
- Second capacity applies to downflow/horizontal position
- 24 VAC humidifier terminal

Warranty

20 year heat exchanger limited warranty
5 year parts limited warranty (10 year with timely registration)



- Single stage heating operation

Part No.	Heat Exchangers	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)	AFUE		H	W	L		
N80VSL0451716A*	20 Year	44000/42000	35000/34000	80.0	390-1350	33 1/3	17 1/2	29	119	\$1,928.50
N80VSL0701716A*	20 Year	66000/63000	54000/51000	80.0	590-1720	33 1/3	17 1/2	29	126	\$1,938.96
N80VSL0702120A*	20 Year	66000/63000	53000/51000	80.0	505-1775	33 1/3	21	29	137	\$1,950.10
N80VSL0902120A*	20 Year	88000/84000	71000/68000	80.0	445-1915	33 1/3	21	29	142	\$2,235.88
N80VSL0902420A*	20 Year	88000/84000	72000/69000	80.0	585-1980	33 1/3	24 1/2	29	146	\$2,278.28
N80VSL1102422A*	20 Year	110000/105000	90000/86000	80.0	495-2280	33 1/3	24 1/2	29	163	\$2,343.98



MULTI POISE, 92%+

- 4 way multi-poise design
- 7-Segment LED all units
- Direct Spark Ignition for reliability and longevity
- Water Management System with patented Blocked Drain Sensor
- Low profile "34 inch" cabinet ideal for space constrained installations.
- Blower Shelf design – serviceable in all furnace orientations
- Pre marked hoses – insures proper system drainage
- Vent with 2" or 3" PVC
- Replaceable Collector box
- Hemmed edges on cabinet and doors
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap

- Heat exchanger is removable for improved serviceability. Aluminized steel primary and stainless steel secondary construction provide maximum corrosion resistance and thermal fatigue reliability.

1 STAGE, MULTI POISE, 92%, ECM MOTOR

- ECM Motor
- 115/1/60



Part No.	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input (BTUH)	Output (BTUH)	AFUE			H	W	L		
TZ92MSX040B30A*	42000	38600	92.0	1239	1/2-5 Speed Constant	34	17 1/2	29 5/8	124	\$1,804.36
TZ92MSX060B30A*	56000	51500	92.0	1227	1/2-5 Speed Constant	34	17 1/2	29 5/8	128	\$1,956.54
TZ92MSX070B30A*	70000	64400	92.0	1198	1/2-5 Speed Constant	34	17 1/2	29 5/8	132	\$1,896.90
TZ92MSX085C50A*	84000	77200	92.0	1833	1 - 5 Speed Constant	34	21	29 5/8	147.5	\$2,002.12
TZ92MSX100C50A*	98000	90100	92.0	1975	1 - 5 Speed Constant	34	21	29 5/8	152	\$2,345.88
TZ92MSX115D50A*	112000	103000	92.0	1748	1 - 5 Speed Constant	34	24 1/2	29 5/8	165	\$2,604.06

2 STAGE, MULTI POISE, 96%, PSC MOTOR

- ECM Motor
- Variable speed blower motor technology provides ultimate humidity control, quieter sound levels, and year round energy savings.
- Two stages of operation to save energy and maintain optimal comfort level.
- 115/1/60



Part No.	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input (BTUH)	Output (BTUH)	AFUE			H	W	L		
TZ96MDX040B30A*	40000	41000	96.0	1050	1/2	34	17 1/2	29 5/8	128	\$2,523.82
TZ96MDX070B30A*	70000	67200	96.0	1050	1/2	34	17 1/2	29 5/8	132	\$2,855.38
TZ96MDX085C50A*	84000	80640	96.0	1750	3/4	34	21	29 5/8	147.5	\$3,045.58
TZ96MDX100C50A*	98000	94080	96.0	1750	3/4	34	21	29 5/8	152	\$3,148.96

⚠️ WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



2 STAGE, MULTI POISE, VARIABLE SPEED, 96 PERCENT, ECM

- Two stages of operation to save energy and maintain optimal comfort level
- Compatible with single or two stage thermostats. For optimal performance a two stage thermostat is recommended.
- 115/1/60



Part No.	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input (BTUH)	Output (BTUH)	AFUE			H	W	L		
TZ96MDV060B30A*	56000	53760	96.0	1050		34	17 1/2	29 5/8	128	\$2,969.58
TZ96MDV070B30A*	70000	67200	96.0	1050		34	17 1/2	29 5/8	132	\$3,061.16
TZ96MDV100C50A*	98000	94080	96.0	1750		34	21	29 5/8	152	\$3,574.52



TZ80MSS

PERFORMANCE 80%

- 7 Segment LED all units
- Direct spark ignition for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Low profile 34" cabinet ideal for space constrained installation
- Integrated Control board features dip switches for easy system set up
- QR code for quick access to product information from your smart phone or tablet
- 80% residential Gas Furnace CSA certifie

1 STAGE, DOWNFLOW, 80%

- Constant Torque electrically commutated motor
- Downflo



Part No.	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input (BTUH)	Output (BTUH)	AFUE			H	W	L		
TZ80DSC075B30SB	75000	60000		1200	1/2 HP, 5 spd, X13	34	17 1/2	28 1/16	105	\$1,458.56
TZ80DSC075C50SA	75000	60000		2000	1 HP, 5 spd, X13	34	14	28 1/16	105	\$1,534.46
TZ80DSC075C50XA	75000	60000		2000	1 HP, 5 spd, X13	34	14	28 1/16	105	\$1,980.90
TZ80DSC100C50SA	100000	80000		2000	1 HP, 5 spd, X13	34	14	28 1/16	120	\$1,516.20
TZ80DSC100C50XA	100000	80000		2000	1 HP, 5 spd, X13	34	14	28 1/16	120	\$1,807.10
TZ80DSC125D50SA	125000	100000		2000	1 HP, 5 spd, X13	34	14	28 1/16	143	\$1,581.08
TZ80DSC125D50XA	125000	100000		2000	1 HP, 5 spd, X13	34	14	28 1/16	143	\$1,947.42

1 STAGE, UPFLOW/HORIZONTAL, 80%

- Direct spark ignition for reliability and longevity
- Solid doors provide quiet operation
- Blower shelf design, serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access



Part No.	Heating			Cooling Cap. at 0.5 In. W.C. (CFM)	Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Input (BTUH)	Output (BTUH)	AFUE			H	W	L		
TZ80MSC050A30SA*	50000	41000	80.0	1305	1/2-5 Speed Constant	34	14	28 1/32	110	\$1,351.82
TZ80MSC050A30XA*	50000	41000	80.0	1305	1/2-5 Speed Constant	34	14	28 1/32	110	\$1,738.36
TZ80MSC075B40SA*	75000	61000	80.0	1402	1/2-5 Speed Constant	34	17 1/2	28 1/32	125	\$1,434.20
TZ80MSC075B40XA*	75000	61000	80.0	1402	1/2-5 Speed Constant	34	17 1/2	28 1/32	125	\$1,466.04
TZ80MSC100C50SA*	100000	81000	80.0	1804	3/4-5 Speed Constant	34	21	28 1/32	140	\$1,514.82
TZ80MSC100C50XA*	100000	81000	80.0	1804	3/4-5 Speed Constant	34	21	28 1/32	140	\$1,845.42
TZ80MSC125D50SA*	125000	101000	80.0	1934	3/4-5 Speed Constant	34	24 1/2	28 1/32	150	\$1,601.40
TZ80MSC125D50XA*	125000	101000	80.0	1934	3/4-5 Speed Constant	34	24 1/2	28 1/32	150	\$2,033.70

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GAS FURNACE

UPFLOW/DOWNFLOW/HORIZONTAL



FMB1

FURNACE MOUNTING BLOCK

- Easy peel and stick installation
- Each block can support 300 lbs.
- Holds furnace off floor to prevent moisture and rust of furnace panels
- Absorbs vibration and noise



Part No.	Description	Price
FMB1	Mounting Block	\$9.16



EL10

EASY LEVELER FURNACE LEGS

- Four sturdy bolt-adjusted leg extensions supplied with mounting materials. Simply turn the lag bolted insert clockwise or counter clockwise to raise or lower each corner of the furnace.
- Mounting hardware included
 - Adjustments made with standard wrench



Part No.	Description	Price
EL10	Easy Leveler Furnace Legs (4)	\$33.84

OIL FURNACE



OLV

LOW BOY - MULTI POISE

- Stainless Steel construction - Heavy gauge heat exchanger quickly transfers heat to the ambient air
- Sound attenuator - High density acoustic wool dampens combustion sound
- High quality finish - High gloss bake
- Approved - For chimney vent and sealed combustion installations
- Efficiency AFUEs above 85.0 are Energy Star Qualifi

OL098 Riello Burner

0.50-70A 77,000 input 66,000 output 85.7 AFUE

0.60-70A 98,000 input 82,000 output 85.0 AFUE

OL112 Riello Burner

0.60-70A 95,200 input 81,100 output 86.3 AFUE

0.70-70A 112,000 input 94,100 output 85.0 AFUE

OL154 Riello Burner

0.75-70A 126,000 input 107,700 output 86.6 AFUE

0.90-70A 154,000 input 129,000 output 85.0 AFUE

Warranty

10 year "No Hassle" Replacement

Lifetime heat exchanger warranty (with timely registration)

5 year Parts (10 year with timely registration)



- Motor:
OLV: variable speed ECM motor that provides true constant CFM capabilities
OLR: multi-speed direct drive motor, permanently lubricated for long life performance
- Burners - Choice of high static pressure oil burners Becket, Riello (BURNERS MUST BE ORDERED SEPARATELY)
- Inspection port - External for easy access and sealed - Adjust combustion parameters and simplify inspections
- Accessories included - Barometric draft regulator, internal filter rack and air filter

Part No.	Heat Exchangers	Heating		Cooling Cap. at 0.5 In. W.C. (Tons)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)		H	W	D		
OLV098A12A*	Lifetime	98000	82000	3	33 3/4	21	47	175	\$3,446.02
OLV112A16A*	Lifetime	112000	94100	4	33 3/4	21	48	195	\$4,021.92
OLV154F20A*	Lifetime	154000	129700	5	39 1/4	20	52	270	\$3,896.20
OLR098A12A*	Lifetime	98000	82000	3	33 3/4	21	47	175	\$2,735.66
OLR112A16A*	Lifetime	112000	94100	4	33 3/4	21	48	195	\$3,101.16

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OMF

HIGH BOY - MULTI POISE

- Stainless Steel construction - Heavy gauge heat exchanger quickly transfers heat to the ambient air
- Multi-position - True four-way multipoise unit that opens-up installation possibilities
- Accessories included - Barometric draft regulator, external filter rack and air filter
- High quality finish - High gloss bake
- Approved - For chimney vent and sealed combustion installations
- Efficiency AFUEs above 85.0 are Energy Star Qualifi

OMF112 Riello Burner

0.60-70A 95,200 input 81,200 output 85.2 AFUE

0.70-70A 112,000 input 94,200 output 85.0 AFUE

OMF154 Riello Burner

0.75-70A 126,000 input 107,200 output 86.3 AFUE

0.90-70A 154,000 input 129,000 output 85.0 AFUE

Warranty

Lifetime heat exchanger warranty (with timely registration)

5 year Parts (10 year with timely registration)



- Sound attenuator - High density acoustic wool dampens combustion sound
- Motor Variable speed ECM motor that provides true constant CFM capabilities
- Burners - Choice of high static pressure oil burners Becket NX, Riello 40-F3/40-BF3/40-BF5 (BURNERS MUST BE ORDERED SEPARATELY)
- Inspection port - External for easy access and sealed - Adjust combustion parameters and simplify inspections

Part No.	Heat Exchangers	Heating		Cooling Cap. at 0.5 In. W.C. (Tons)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)		H	W	D		
OMF112K14A*	Lifetime	112000	94200	3.5	41 1/2	21 3/4	25 3/4	153	\$2,708.62
OMF154L20A*	Lifetime	154000	129000	5.0	7 7/8	28 1/2	25	200	\$3,059.04



OMV

HIGH BOY - MULTI POISE

- Stainless Steel construction - Heavy gauge heat exchanger quickly transfers heat to the ambient air
- Multi-position - True four-way multipoise unit that opens-up installation possibilities
- Approved - For chimney vent and sealed combustion installations
- Efficiency AFUEs above 85.0 are Energy Star Qualifi

OMV098 Riello Burner

0.40-70A 70,000 input 59,200 output 85.0 AFUE

0.50-70A 84,000 input 70,400 output 83.9 AFUE

0.60-70A 98,000 input 80,800 output 81.9 AFUE

OMV112 Riello Burner

0.60-70A 95,200 input 81,200 output 85.2 AFUE

0.70-70A 112,000 input 94,200 output 85.0 AFUE

OMV154 Riello Burner

0.75-70A 126,000 input 107,000 output 86.3 AFUE

0.90-70A 154,000 input 129,000 output 85.0 AFUE

Warranty

10 year "No Hassle" Replacement

Lifetime heat exchanger warranty (with timely registration)

5 year Parts (10 year with timely registration)



- Sound attenuator - High density acoustic wool dampens combustion sound
- Motor - Variable speed ECM motor that provides true constant CFM capabilities
- Burners - Choice of high static pressure oil burners Becket NX, Riello 40-F3/40-BF3/40-BF5 (BURNERS MUST BE ORDERED SEPARATELY)
- Inspection port - External for easy access and sealed - Adjust combustion parameters and simplify inspections
- Accessories included - Barometric draft regulator, external filter rack and air filter
- High quality finish - High gloss bake

Part No.	Heat Exchangers	Heating		Cooling Cap. at 0.5 In. W.C. (Tons)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Input (BTUH)	Output (BTUH)		H	W	D		
OMV098J12B*	Lifetime	98000	80800	3	40 3/4	16 7/8	21 1/2	134	\$2,565.12
OMV112K14A*	Lifetime	112000	94200	3.5	41 1/2	21 3/4	25 3/4	168	\$3,242.34
OMV154L20A*	Lifetime	154000	129000	5.0	47 7/8	28 1/2	25	75	\$3,306.50



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PACKAGED UNIT, 1 PHASE

A/C UNIT, ELECTRIC COOL/GAS HEAT



RGV036KEFA0AAA

14 SEER, R410A, WITH X-VANE™ FAN TECHNOLOGY

The new RGV series rooftop units (RTU) with X-Vane™ Fan Technology provides value added benefits never seen in this type of equipment before.

- Patent pending, the industry's first beltless direct-drive vane axial fan for rooftop units with electric commutated variable speed motor.
- Reliable fixed speed scroll compressor on 3-5 ton sizes and 2 stage scroll technology on 6 ton sizes.
- Upgraded unit control board with intuitive indoor fan adjustment.
- Reliable copper tube / aluminum fin condenser coil with 5/16-in. tubing to help reduce refrigerant charge versus prior designs.
- New outdoor fan system with rugged, lightweight high impact composite fan blade.

- Single point gas and electrical connections
- Easy to maintain: with the new Vane Axial fan and direct drive ECM motor, there is no longer a need to adjust belts or pulleys as in past designs.
- Easy access handles
- All models are capable of either vertical or horizontal airflow
- Sloped, corrosion resistant composite drain pan sheds water and won't rust
- X-Vane Fan Technology Direct drive X-Vane Fan Technology indoor fan system uses vane axial fan design and electrically commutated motors. This new Vane Axial design over past belt drive systems has 75% fewer moving parts, uses up to 40% less energy and has no fan belts, blower bearings, or shaft.



Part No.	Cooling			Gas Heating		Voltage	Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L			
RGV036KEFA0AAA*	34400	14.0	11.5	110000	80.0	208-230/1/60	33 3/8	46 5/8	74 3/8	26	30	\$5,197.68
RGV048KEFA0AAA*	47000	14.0	11.6	110000	80.0	208-230/1/60	33 3/8	46 5/8	74 3/8	33	50	\$6,260.90
RGV060KEFA0AAA*	58500	14.0	11.0	110000	80.0	208-230/1/60	33 3/8	46 5/8	74 3/8	41	60	\$6,959.72



PGD

Environmentally sound R410A refrigerant
Copper tube/aluminum fin condenser and evaporator coils
Installs easily on a rooftop or at ground level
Easily converts to down discharge applications

Combination gas heating and electric cooling
Wire grille
Induced draft combustion and venting
Pre painted steel cabinet
Direct spark ignition
High efficiency ECM indoor blower motor on all model
Vertical condenser fan discharge
High and low pressure switches provide added reliability for the compressor

14 SEER, R410A

- Easy three-panel accessibility for maintenance and installation
- Aluminized steel heat exchanger
- Rust proof base with integral sloping drain

Warranty

15 Year heat exchanger limited warranty
5 year parts limited warranty (including compressor and coils)(10 year with timely registration)
Suitable for installation in all regions



Part No.	Cooling			Gas Heating		Voltage	Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L			
PGD424060KTP0G*	23000	14.0	11.5	60000	80.0	208-230/1/60	43 3/4	48 3/16	32 5/8	15.4	20	\$6,056.02
PGD436060KTP0G*	34800	14.0	11.5	60000	80.0	208-230/1/60	51 3/4	48 3/16	32 5/8	27.8	40	\$6,555.00
PGD436090KTP0G*	34800	14.0	11.5	90000	80.0	208-230/1/60	51 3/4	48 3/16	32 5/8	27.8	40	\$7,110.94
PGD442090KTP0G*	40000	14.0	11.5	90000	80.0	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$7,423.20
PGD448090KTP0G*	46000	14.0	11.5	90000	80.0	208-230/1/60	52 3/4	48 3/16	44 1/8	32.5	50	\$8,142.06
PGD448115KTP0G*	46000	14.0	11.5	115000	80.0	208-230/1/60	52 3/4	48 3/16	44 1/8	32.5	50	\$8,400.78
PGD460090KTP0G*	56000	14.0	11.5	90000	80.0	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$9,180.28
PGD460115KTP0G*	56000	14.0	11.5	115000	80.0	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$9,242.12
PGD460130KTP0G*	56000	14.0	11.5	127000	80.0	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$9,482.72



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

14 SEER, R410A, LO NOX

- Easy single panel accessibility for maintenance and installation
- Aluminum steel tubular heat exchanger
- Rust proof base with integral sloping drain
- California NOx reduction

Warranty

15 Year heat exchanger limited warranty
5 year parts limited warranty (including compressor and coils)(10 year with timely registration)

Suitable for installation in all regions



Part No.	Cooling			Gas Heating		Voltage	Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L			
PGD424040K001G*	23600	14.0	11.5	40000	81.0	208-230/1/60	43 3/4	32 5/8	48 3/16	15.4	20	\$20,000.00
PGD424040KTP1G*	23600	14.0	11.5	40000	81.0	208-230/1/60	43 3/4	32 5/8	48 3/16	15.4	20	\$4,150.32
PGD430060K001G*	28600	14.0	11.5	60000	81.0	208-230/1/60	45 3/4	32 5/8	48 3/16	21.1	30	\$20,000.00
PGD430060KTP1G*	28600	14.0	11.5	60000	81.0	208-230/1/60	45 3/4	32 5/8	48 3/16	21.1	30	\$4,326.58
PGD436060K001G*	34800	14.0	11.5	60000	81.0	208-230/1/60	51 3/4	32 5/8	48 3/16	27.8	40	\$20,000.00
PGD436090K001G*	34800	14.0	11.5	90000	81.0	208-230/1/60	51 3/4	32 5/8	48 3/16	27.8	40	\$20,000.00
PGD436060KTP1G*	34800	14.0	11.5	60000	81.0	208-230/1/60	51 3/4	32 5/8	48 3/16	27.8	40	\$4,724.26
PGD442090K001G*	40000	14.0	11.5	90000	80.4	208-230/1/60	44 3/4	44 1/8	48 3/16	25.8	40	\$20,000.00
PGD442090KTP1G*	40000	14.0	11.5	90000	80.4	208-230/1/60	44 3/4	44 1/8	48 3/16	25.8	40	\$4,867.26
PGD448090K001G*	48000	14.0	11.5	90000	81.0	208-230/1/60	52 3/4	44 1/8	48 3/16	32.5	50	\$20,000.00
PGD448090KTP1G*	48000	14.0	11.5	90000	81.0	208-230/1/60	52 3/4	44 1/8	48 3/16	32.5	50	\$5,422.66
PGD460090K001G*	56000	14.0	11.5	90000	81.0	208-230/1/60	54 3/4	44 1/8	48 3/16	37.6	60	\$20,000.00

14 SEER, R410A, ULTRA LO NOX



	Cooling			Gas Heating		Dimensions (In.)					
Part No.	Capacity (BTUH)	SEER	EER	Input (BTUH)	Voltage	H	W	L	MCA (Amps)	MOCP	Price
PGD424060KTP2G*	23000	14.0	11.5	60000	208-230/1/60	43 3/4	48 3/16	32 5/8	15.4	20	\$4,424.16
PGD424060K002G*	23000	14.0	11.5	60000	208-230/1/60	43 3/4	48 3/16	32 5/8	15.4	20	\$4,417.62
PGD436060KTP2G*	34800	14.0	11.5	60000	208-230/1/60	51 3/4	48 3/16	32 5/8	27.8	40	\$5,214.42
PGD436060K002G*	34800	14.0	11.5	60000	208-230/1/60	51 3/4	48 3/16	32 5/8	27.8	40	\$5,249.66
PGD442060KTP2G*	40000	14.0	11.5	60000	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$5,460.90
PGD442060K002G*	40000	14.0	11.5	60000	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$5,434.08
PGD442090KTP2G*	40000	14.0	11.5	89000	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$5,494.00
PGD442090K002G*	40000	14.0	11.5	89000	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$5,387.90
PGD448090KTP2G*	46000	14.0	11.5	89000	208-230/1/60	52 3/4	48 3/16	44 1/8	32.5	50	\$6,066.28
PGD448090K002G*	46000	14.0	11.5	89000	208-230/1/60	52 3/4	48 3/16	44 1/8	32.5	50	\$5,969.56
PGD460090KTP2G*	56000	14.0	11.5	89000	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$6,553.68
PGD460090K002G*	56000	14.0	11.5	89000	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$6,489.96

AIR CONDITIONING EQUIPMENT



14 SEER, R410A

- Scroll compressors standard on all models
- Stainless steel tubular heat exchanger
- Tin coated copper evaporator coils
- Easy three panel accessibility for maintenance and installation
- Full perimeter steel base rails

Warranty

5 year "No Hassle" replacement limited warranty
Lifetime heat exchanger limited warranty
5 year parts limited warranty (including compressor and coils)(10 year with timely registration)

Suitable for installation in all regions



	Cooling			Gas Heating		Dimensions (In.)					
Part No.	Capacity (BTUH)	SEER	EER	Input (BTUH)	Voltage	H	W	L	MCA (Amps)	MOCP	Price
PGS424060KGP0G*	23000	14.0	11.5	60000	208-230/1/60	43 3/4	48 3/16	32 5/8	15.4	20	\$6,387.22
PGS430060KGP0H*	28600	14.0	11.5	60000	208-230/1/60	45 3/4	48 3/16	32 5/8	21.1	30	\$7,075.40
PGS436090KGP0G*	34800	14.0	11.5	90000	208-230/1/60	51 3/4	48 3/16	32 5/8	27.8	40	\$7,556.04
PGS442090KGP0G*	40000	14.0	11.5	90000	208-230/1/60	44 3/4	48 3/16	44 1/8	25.8	40	\$7,592.86
PGS448115KGP0G*	46000	14.0	11.5	115000	208-230/1/60	52 3/4	48 3/16	44 1/8	32.5	50	\$9,272.28
PGS460115KGP0G*	56000	14.0	11.5	115000	208-230/1/60	54 3/4	48 3/16	44 1/8	37.6	60	\$10,179.62

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PACKAGED UNIT, 1 PHASE

A/C UNIT, ELECTRIC COOL/GAS HEAT



PGR

15 SEER, R410A, LO NOX

- Easy three-panel accessibility for maintenance and installation
- Two stage scroll compressor
- Two stage gas valve and two speed inducer motor
- Colifornia NOx reduction

Warranty

5 Year no hassle replacement™ limited warranty
10 Year parts limited warranty (including compressor and coils) with timely registration
5 Year parts limited warranty and 20 year heat exchanger limited warranty if not registered within 90 days of original installation
Suitable for installation in all regions



Part No.	Cooling			Gas Heating		Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	Voltage	H	W	L			
PGR524040KGP1B*	23000	15.0	12.0	40000	208-230/1/60	44 1/8	31 7/16	47	19.4	30	\$6,594.52
PGR536060KGP1B*	35400	16.0	12.5	60000	208-230/1/60	44 3/4	42 15/16	47	26.3	40	\$7,520.68
PGR536060KGP1G*	35400	16.0	12.5	60000	208-230/1/60	44 3/4	42 15/16	47	26.3	40	\$20,000.00
PGR536090KGP1G*	35400	16.0	12.5	90000	208-230/1/60	44 3/4	42 15/16	47	26.3	40	\$20,000.00
PGR542060KGP1B*	42000	16.0	12.5	60000	208-230/1/60	44 3/4	42 15/16	47	29.6	45	\$8,312.58
PGR542090KGP1B*	42000	16.0	12.5	90000	208-230/1/60	44 3/4	42 15/16	47	29.6	45	\$8,366.78
PGR542090KGP1G*	42000	16.0	12.5	90000	208-230/1/60	44 3/4	42 15/16	47	29.6	45	\$20,000.00
PGR548090KGP1B*	47500	16.0	12.3	90000	208-230/1/60	50 3/4	42 15/16	47	35.3	50	\$8,684.22
PGR548090KGP1G*	47500	16.0	12.3	90000	208-230/1/60	50 3/4	42 15/16	47	35.3	50	\$20,000.00
PGR560090KGP1B*	57000	16.0	12.3	90000	208-230/1/60	52 3/4	42 15/16	47	44.8	40	\$9,645.24
PGR560090KGP1G*	57000	16.0	12.3	90000	208-230/1/60	52 3/4	42 15/16	47	44.8	40	\$20,000.00



BRB

INVERTER DUCTED PACKAGED UNIT IDP

- IDP 3T - Provides up to 4-stage indoor fan control, mobile home certified for high stat
- IDP 5T - Provides up to 2-stage indoor fan control

- Intelligent Oil Return Technology
- Inverter Driven Rotary Compressor
- Crankcase Heater Standard
- Compressor Sound Blanket
- Multiple System Protection:
 - High pressure switch and low pressure transducer
 - Compressor liquid return protection
 - Compressor high or low compression ratio protection
 - Compressor high temperature protection
 - High / low voltage protection and over current protection
- IPM and electronic control board high temperature protection
- AHRI certified; ETL liste



Part No.	Cooling			Voltage	Dimensions (In.)		Ref.	Price
	Capacity (BTUH)	SEER	EER		H	W		
BRB36HWD1N1M18	34800	18.5	12.0	208-230/1/60	43 13/16	35 1/16	R410A	\$7,691.00
BRB60HWD1N1M19	57000	19.0	12.5	208-230/1/60	51 7/16	44 13/16	R410A	\$10,114.10

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



14 SEER, 2 TO 5 TONS

- All models feature Scroll[®] compressors for maximum efficiency and quiet operation
- Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
- One-piece top with a deep flange to help keep water out of the unit
- Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- Side and down discharge options available on all models. All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Environmentally friendly R-410A refrigerant.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils
- Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
- All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
- Single point wiring simplifies installation
- Feature a tubular heat exchanger design. Tubular heat exchangers are more efficient and durable than older style clamshell heat exchangers. The heat exchanger is backed by a 10 year limited warranty.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Filter drier standard on all models.
- Rugged baserail included for improved installation and handling
- Complete factory charged, wired and run tested.
- Molded compressor plugs.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality



Part No.	Cooling			Heating		Voltage	Dimensions (In.)			MCA (Amps)	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L		
RGEA14024AJT061AB	23600	14.0	11.0	60000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	19	\$5,100.98
RGEA14024AJT06XAB	23600	14.0	11.0	60000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	19	\$5,100.16
RGEA14030AJT061AB	28000	14.0	11.0	60000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	21	\$5,566.86
RGEA14030AJT06XAB	28000	14.0	11.0	60000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	21	\$5,565.92
RGEA14036AJT081AB	33600	14.0	11.0	80000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	24	\$6,716.80
RGEA14036AJT08XAB	33600	14.0	11.0	80000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	24	\$5,988.32
RGEA14036AJT101AB	33600	14.0	11.0	100000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	24	\$5,985.62
RGEA14036AJT10XAB	33600	14.0	11.0	100000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	30	\$6,146.48
RGEA14042AJT10XAB	39000	14.0	11.0	100000	81.0	208-230/1/60	35 15/16	52 7/16	47 1/2	30	\$6,564.16
RGEA14048AJT101AB	44500	14.0	11.0	100000	81.0	208-230/1/60	41	52 7/16	47 1/2	33	\$6,819.36
RGEA14048AJT10XAB	44500	14.0	11.0	100000	81.0	208-230/1/60	41	52 7/16	47 1/2	33	\$6,818.60
RGEA14060AJT101AB	54500	14.0	11.0	100000	81.0	208-230/1/60	41	52 7/16	47 1/2	46	\$7,451.08
RGEA14060AJT10XAB	54500	14.0	11.0	100000	81.0	208-230/1/60	41	52 7/16	47 1/2	46	\$7,450.58

PACKAGED UNIT, 1 PHASE

A/C UNIT, ELECTRIC COOL/GAS HEAT



RSPM

14 SEER, R410A, 2 TO 5 TON

- **Durable Cabinet.** Our galvanized steel cabinet protects your Rheem unit from the elements, helping reduce maintenance expense. Our slim design occupies less room in your yard and installs with a flush fit against your home.
- **Serviceability.** Service time and expense are kept to an absolute minimum. Four service panels provide your technician easy access to all internal components.
- **Fan-tastic.** Our motor mount prevents damage to your fan motor, extending its service life.
- **Protective Barrier.** Each unit features full-louvered protection of the sensitive condenser coil, which keeps damage caused by accidental contact to a minimum, and adds to the longevity of your unit.
- **Heart & Scroll.** The heart of your Package AirConditioner is the compressor. That's why every Rheem unit features a Scroll® Compressor – widely recognized as the industry standard for performance and durability.
- **Low Corrosion. Low Sound.** Special base rails elevate the bottom of the unit off the ground and away from corrosive condensation. The combination of the durable cabinet, large outdoor fan, scroll compressor and elevated base pan all contribute to quiet, dependable operation.



Part No.	Cooling						Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)	H	W	L		
RSPMA024JK000	24200	14.0	12.4	208-230/1/60	800	23	29 1/8	59	33	328	\$3,667.66
RSPMA030JK000	36200	14.0	12.2	208-230/1/60	1200	24	29 1/8	59	33	309	\$4,010.64
RSPMA042JK000	42000	14.0	11.85	208-230/1/60	1400	30	29 1/8	59	33	357	\$4,505.72
RSPMA048JK000	47000	14.0	12.6	208-230/1/60	1600	35	37 1/8	59	33	375	\$4,633.00
RSPMA060JK000	61000	14.0	12.35	208-230/1/60	2000	43	37 1/8	59	33	390	\$5,659.20

A/C UNIT, ELECTRIC COOL



PAD

14 SEER, R410A

- Environmentally sound R410A refrigerant
 - Copper tube/aluminum fin condenser and evaporator coils
 - Dehumidification mode (airflow reduction) on all models
 - High efficiency ECM indoor blower motor on all model
 - Vertical condenser fan discharge
 - High pressure switches provide added reliability for the compressor
 - Scroll compressors standard on all models
 - Rust proof base with integral sloping drain
 - KTP models have tin coated evaporator coils
- Warranty**
5 year parts limited warranty (including compressor and coils)(10 year with timely registration)
Suitable for installation in all regions



	Cooling							Dimensions (In.)				
Part No.	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)	MOCP	H	W	L	Ship Wgt (Lbs.)	Price
PAD424000KTP0E*	23000	14.0	11.5	208-230/1/60	800	15.2	20	43 3/4	32 5/8	48 3/16	329	\$5,557.18
PAD436000KTP0E*	34800	14.0	11.5	208-230/1/60	1200	27.4	40	51 3/4	32 5/8	48 3/16	390	\$6,506.26
PAD442000KTP0E*	40000	14.0	11.5	208-230/1/60	1400	25.8	40	44 3/4	44 3/16	48 1/4	455	\$7,231.78
PAD448000KTP0E*	46000	14.0	11.5	208-230/1/60	1600	33.2	50	52 3/4	44 3/16	48 1/4	480	\$8,044.60
PAD460000KTP0E*	56000	14.0	11.5	208-230/1/60	1750	38.3	60	54 3/4	44 3/16	48 1/4	497	\$9,172.54



14 SEER, R410A, MOBILE HOME

- Compact, fully self-contained, electric cooling unit with horizontal supply and return ducts
- Light weight, compact construction ideal for manufactured housing and residential applications

- Accessory electric heaters with single point connections
- Durable pre-painted steel cabinet
- No-rust base pan with integrated drain pan standard on all units
- Direct-drive ECM multispeed, blower motor standard on all models
- Louvered coil enclosure for protection against vandalism and hail damage
- Aerodynamic fan blade design reduces the overall sound

Warranty

5 year parts limited warranty (including compressor and coils)
(10 year with timely registration)

- Vibration isolation provides quiet operation. Compressors have internal over current protection
- Liquid refrigerant filter drier
- Hand holds built into the unit base pan
- Designed to be serviced from both the side and front



Part No.	Cooling							Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)	MOCP	H	W	L		
PAJ424000KTP0B*	22400	14.0	11.5	208-230/1/60	800	16.6	25	30 1/8	51	32	286	\$3,811.80
PAJ430000KTP0B*	28600	14.0	11.5	208-230/1/60	1000	20.6	30	30 1/8	51	32	296	\$4,032.74
PAJ436000KTP0B*	34200	14.0	11.5	208-230/1/60	1200	23.2	35	30 1/8	51	32	329	\$4,414.02
PAJ442000KTP0A*	41000	14.5	11.5	208-230/1/60	1400	25.7	40	34 1/8	51	32	275	\$4,182.40
PAJ448000KTP0A*	47000	14.0	11.5	208-230/1/60	1600	32.2	50	42 1/8	51	32	318	\$5,145.40
PAJ460000KTP0A*	54000	14.0	11.3	208-230/1/60	1850	39.1	60	42 1/8	51	32	344	\$5,616.58

RACA SERIES, 14 SEER, R410A

- All models feature Scroll® compressors for maximum efficiency and quiet operation.
- Louvered condenser compartment to protect the coil against yard hazards and/or weather extremes.
- One-piece top with a drip lip to help keep water off of the unit sides.
- Drawn supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- Side and down discharge options available on all models.
- Easily accessible blower section complete with slide-out blower.
- Externally mounted refrigerant connections are conveniently located for easy service diagnostics.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. Its easier to clean and has a more robust surface.

- Supplemental electric heat strips up to 15 kW are available (field or factory installed) for periods of extreme cold temperatures. Single point wiring simplifies installation
- All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
- Easily accessible control box.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Solid core liquid line. Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling.
- Molded compressor plug.
- Complete factory charged, wired and run tested.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.



Part No.	Cooling							Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)		H	W	L		
RACA14024BJT000AA	24000	15.0	12.0	208-230/1/60	800	19		35 15/16	50 13/16	47 19/32	413.00	\$4,988.06
RACA14030BJT000AA	29000	15.0	12.0	208-230/1/60	1000	21		35 15/16	50 13/16	47 19/32	413.00	\$5,063.24
RACA14036BJT000AA	35000	15.0	12.0	208-230/1/60	1200	24		35 15/16	50 13/16	47 19/32	452.00	\$5,404.10
RACA14042AJT000AA	40000	15.0	12.0	208-230/1/60	1400	30		35 15/16	50 13/16	47 19/32	462.00	\$6,006.94
RACA14048BJT000AA	46000	15.0	12.0	208-230/1/60	1600	33		41	50 13/16	47 19/32	501.00	\$6,681.34

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

PACKAGED UNIT, 1 PHASE

A/C UNIT, ELECTRIC COOL



RSPM

14 SEER, R410A, 2 TO 5 TON

- **Durable Cabinet.** Our galvanized steel cabinet protects your Rheem unit from the elements, helping reduce maintenance expense. Our slim design occupies less room in your yard and installs with a flush fit against your home.
- **Serviceability.** Service time and expense are kept to an absolute minimum. Four service panels provide your technician easy access to all internal components.
- **Fan-tastic.** Our motor mount prevents damage to your fan motor, extending its service life.
- **Protective Barrier.** Each unit features full-louvered protection of the sensitive condenser coil, which keeps damage caused by accidental contact to a minimum, and adds to the longevity of your unit.
- **Heart & Scroll.** The heart of your Package AirConditioner is the compressor. That's why every Rheem unit features a Scroll® Compressor – widely recognized as the industry standard for performance and durability.
- **Low Corrosion. Low Sound.** Special base rails elevate the bottom of the unit off the ground and away from corrosive condensation. The combination of the durable cabinet, large outdoor fan, scroll compressor and elevated base pan all contribute to quiet, dependable operation.



Part No.	Cooling						Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)	H	W	L		
RSPMA024JK000	24200	14.0	12.4	208-230/1/60	800	23	29 1/8	59	33	328	\$3,667.66
RSPMA030JK000	36200	14.0	12.2	208-230/1/60	1200	24	29 1/8	59	33	309	\$4,010.64
RSPMA042JK000	42000	14.0	11.85	208-230/1/60	1400	30	29 1/8	59	33	357	\$4,505.72
RSPMA048JK000	47000	14.0	12.6	208-230/1/60	1600	35	37 1/8	59	33	375	\$4,633.00
RSPMA060JK000	61000	14.0	12.35	208-230/1/60	2000	43	37 1/8	59	33	390	\$5,659.20

HEAT PUMP UNIT



PHD4

14 SEER, R410A

- Copper tube/aluminum fin condenser and evaporator coils
 - Short cycling protection for the compressor is built in the defrost control board
 - Installs easily on a rooftop or at ground level
 - Direct drive high efficiency X13 blower motor on all model
 - Vertical condenser fan discharge
 - High and low pressure switches provided added reliability for the compressor
 - Scroll compressors standard on all models
 - Easy single panel accessibility for maintenance and installation
 - Rust proof base with integral sloping drain
 - TP0D models indicate tin coated copper evaporator coils
- Easy single panel accessibility for maintenance and installation**
- Easily converts to down discharge applications with duct covers provided**
- Combination electric heating and cooling**
- Wire grille**
- Heavy duty pre painted steel cabinet**
- Warranty**
- 5 year parts limited warranty (including compressor and coils)(10 year with timely registration)
- Suitable for installation in all regions



	Cooling			Heating							Dimensions (In.)				
Part No.	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF	Voltage	MCA (Amps)	H	W	L	Ship Wgt (Lbs.)	Price
PHD424000K000F*	23000	14.5	12.0	12000	22600	2.3	3.7	8.0	208-230/1/60	21.3	47 3/4	32 5/8	48 3/16	354	\$5,771.02
PHD424000KTP0F*	23000	14.5	12.0	12000	22600	2.3	3.7	8.0	208-230/1/60	21.3	47 3/4	32 5/8	48 3/16	365	\$5,881.70
PHD430000K000F*	28600	14.0	11.5	15600	28400	2.35	3.7	8.0	208-230/1/60	22.1	51 3/4	32 5/8	48 3/16	346	\$6,378.26
PHD430000KTP0F*	28600	14.0	11.5	15600	28400	2.35	3.7	8.0	208-230/1/60	22.1	51 3/4	32 5/8	48 3/16	395	\$6,491.42
PHD436000K000F*	34200	14.0	11.5	18600	34400	2.3	3.6	8.0	208-230/1/60	25.8	48 3/4	44 3/16	48 3/16	525	\$7,099.58
PHD436000KTP0F*	34200	14.0	11.5	18600	34400	2.3	3.6	8.0	208-230/1/60	25.8	48 3/4	44 3/16	48 3/16	440	\$7,213.06
PHD442000K000F*	41000	14.0	11.5	22600	40000	2.4	3.6	8.0	208-230/1/60	29.0	54 3/4	44 3/16	48 3/16	600	\$8,040.72
PHD442000KTP0F*	41000	14.0	11.5	22600	40000	2.4	3.6	8.0	208-230/1/60	29.0	54 3/4	44 3/16	48 3/16	475	\$8,150.34
PHD448000K000F*	48000	14.0	12.0	25800	46000	2.4	3.6	8.0	208-230/1/60	33.2	54 3/4	44 3/16	48 3/16	600	\$8,383.02
PHD448000KTP0F*	48000	14.0	12.0	25800	46000	2.4	3.6	8.0	208-230/1/60	33.2	54 3/4	44 3/16	48 3/16	460	\$8,507.60
PHD460000K000F*	57500	14.0	11.5	33000	57500	2.45	3.7	8.0	208-230/1/60	39.5	48 3/4	44 3/16	48 3/16	515	\$9,324.64
PHD460000KTP0F*	57500	14.0	11.5	33000	57500	2.45	3.7	8.0	208-230/1/60	39.5	48 3/4	44 3/16	48 3/16	515	\$9,444.12

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



PDD

14 SEER, R410A, DUAL FUEL GAS BACKUP

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Easily converts to down discharge applications
- Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all model
- Vertical condenser fan discharge

Warranty

15 year heat exchanger limited warranty
5 year parts limited warranty (including compressor and coils)(10 year with timely registration)



- Dehumidification mode (airflow reduction) on all mode
- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation

Part No.	Cooling			Heating							Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF	Voltage	MCA (Amps)	H	W	L		
PDD424060K000G*	23000	14.5	12.0	12000	22600	2.3	3.7	8.0	208-230/1/60	21.4	47 3/4	32 5/8	48 3/16	395	\$7,615.08
PDD430060K000E*	28600	14.0	11.5	15600	28400	2.35	3.7	8.0	208-230/1/60	22.1	51 3/4	32 5/8	48 3/16	395	\$7,507.64
PDD430060K000G*	28600	14.0	11.5	15600	28400	2.35	3.7	8.0	208-230/1/60	22.1	51 3/4	32 5/8	48 3/16	395	\$7,632.76
PDD436090K000G*	34200	14.0	11.5	18600	34400	2.3	3.6	8.0	208-230/1/60	25.8	48 3/4	44 1/8	48 3/16	387	\$8,471.06
PDD442090K000G*	41000	14.0	11.5	22600	40000	2.3	3.6	8.0	208-230/1/60	29	54 3/4	44 1/8	48 3/16	435	\$9,355.18
PDD448130K000E*	48000	14.0	12.0	25800	46000	2.4	3.6	8.0	208-230/1/60	33.2	54 3/4	44 1/8	48 3/16	500	\$9,787.22
PDD460115K000G*	57500	14.0	11.5	33000	57500	2.45	3.7	8.0	208-230/1/60	38.7	48 3/4	44 1/8	48 3/16	525	\$8,900.28



PHJ

14 SEER, R410A, MOBILE HOME

- Compact, fully self-contained, electric cooling unit with horizontal supply and return ducts
- Light weight, compact construction ideal for manufactured housing and residential applications
- Accessory electric heaters with single point connections
- Durable pre-painted steel cabinet
- No-rust base pan with integrated drain pan standard on all units
- Direct-drive ECM multispeed, blower motor standard on all models
- Louvered coil enclosure for protection against vandalism and hail damage
- Aerodynamic fan blade design reduces the overall sound
- TP0A models indicate tin-coated copper evaporator coil

Warranty

5 year parts limited warranty (including compressor and coils)
(10 year with timely registration)



- Vibration isolation provides quiet operation. Compressors have internal over current protection
- Liquid refrigerant filter drier
- Hand holds built into the unit base pan
- Designed to be serviced from both the side and front

Part No.	Cooling			Heating							Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF	Voltage	MCA (Amps)	H	W	L		
PHJ436000K000A*	36000	14.5	11.5	20200	34400	2.4	3.5	8.0	208-230/1/60	24.2	34 1/8	51	32	334	\$4,343.40
PHJ442000K000A*	42000	14.5	11.5	23400	40000	2.4	3.5	8.0	208-230/1/60	26.1	42 1/8	51	32	388	\$4,685.72
PHJ460000K000A*	55000	14.0	11.0	33000	56000	2.4	3.5	8.0	208-230/1/60	42.3	42 1/8	51	32	475	\$5,183.08
PHJ460000KTP0A*	55000	14.0	11.0	33000	56000	2.4	3.5	8.0	208-230/1/60	42.3	42 1/8	51	32	475	\$6,192.22
PHJ424000KTP0A*	24000	14.5	11.5	13400	23400	2.4	3.7	8.0	208-230/1/60	16.6	30 1/8	51	32	312	\$4,802.68
PHJ430000KTP0A*	29800	14.5	11.5	15600	28600	2.4	3.7	8.0	208-230/1/60	20.6	30 1/8	51	32	333	\$5,005.28
PHJ436000KTP0A*	36000	14.5	11.5	20200	34400	2.4	3.5	8.0	208-230/1/60	24.2	34 1/8	51	32	334	\$5,189.86
PHJ442000KTP0A*	42000	14.5	11.5	23400	40000	2.4	3.5	8.0	208-230/1/60	26.1	42 1/8	51	32	388	\$5,597.72
PHJ448000KTP0A*	46500	14.0	11.5	26600	45000	2.3	3.5	8.0	208-230/1/60	30.6	42 1/8	51	32	407	\$5,951.88

PACKAGED UNIT, 1 PHASE

HEAT PUMP UNIT



RHV

14 SEER, R410A, WITH X-VANE™ FAN TECHNOLOGY, RHV SERIES

- Patented, industry's efficient indoor fan system using Vane Axial fan with electric commutated variable speed motor
- Reliable, fixed speed scroll compressor on 3-5 ton sizes and 2 stage scroll technology on 6 ton sizes
- New outdoor fan system with rugged — lightweight high impact composite fan blade
- Single point electrical connections
- Easy access tool-less filter door. Filter track tilts out for filter removal and replacement. All filters are the same size in each unit
- All RHV 3 to 6 ton units are field-convertible to horizontal airflow, which makes it easy to adjust to unexpected job-site complications
- Upgraded unit control board with intuitive indoor fan adjustment
- Reliable copper tube/aluminum fin condenser coil with 5/16-in. tubing to help reduce refrigerant charge versus prior designs



Part No.	Cooling			Heating				Voltage	MCA (Amps)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F			H	W	L		
RHV048H0FA0AAA*	49500	14.3	11.8	23600	46000	2.28	3.7	208-230/3/60	31	33 3/8	46 5/8	74 3/8	473	\$6,693.08
RHV060H0FA0AAA*	60500	14.3	11.8	30000	56500	2.3	3.8	208-230/3/60	31	41 3/8	46 5/8	74 3/8	584	\$7,248.96
RHV060L0FA0AAA*	60500	14.3	11.8	30000	56500	2.3	3.8	460/3/60	13	41 3/8	46 5/8	74 3/8	584	\$7,443.28
RHV072H0FA0AAA*	71000	14.3	11.8	35000	64500	2.4	3.6	208-230/3/60	29	41 3/8	46 5/8	74 3/8	589	\$9,230.24
RHV072L0FA0AAA*	71000	14.3	11.8	35000	64500	2.4	3.6	460/3/60	14	41 3/8	46 5/8	74 3/8	589	\$9,448.16



PHR5

15 SEER, R410A

- Environmentally sound R-410A refrigerant
- Copper tube/aluminum fin condenser and evaporator coils
- Tin-coated copper evaporator coil standard (single-phase only)
- Easily converts to down discharge applications
- Hail guard (3/8" spacing) wire grilles standard
- Multi-speed ECM blower motor standard on all models
- Vertical condenser fan discharge
- High and low pressure switches provide added reliability for the compressor
- Enhanced dehumidification feature on high stage cooling with use of a dehumidistat
- Two stage scroll compressors standard on all models
- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation

Warranty

5 year No Hassle Replacement limited warranty
5 year parts limited warranty (including compressor and coils) (10 year with timely registration)



Part No.	Cooling			Heating					Voltage	MCA (Amps)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF			H	W	L		
PHR524000KTP0B*	22800	15.0	12.0	12200	23400	2.3	3.9	8.2	208-230/1/60	19.3	51 3/4	32 5/8	47	347	\$7,601.76
PHR530000KTP0B*	29400	15.0	12.0	12200	30000	2.3	3.7	8.2	208-230/1/60	21.8	51 3/4	32 5/8	47	393	\$8,319.06
PHR536000KTP0A*	34000	15.0	12.0	17200	34000	2.3	3.7	8.0	208-230/1/60	26.3	44 3/4	44 3/16	48 1/4	463	\$8,362.32
PHR542000KTP0A*	42000	15.0	12.0	24000	42000	2.5	3.6	8.0	208-230/1/60	32.7	50 3/4	44 3/16	48 1/4	600	\$9,393.14
PHR548000KTP0A*	47500	15.5	12.5	26000	47000	2.3	3.7	8.0	208-230/1/60	35.3	48 3/4	44 3/16	48 1/4	447	\$9,759.88
PHR560000KTP0A*	57000	15.0	12.0	32400	57000	2.4	3.5	8.5	208-230/1/60	44.8	54 3/4	44 3/16	48 1/4	503	\$10,730.50



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

RQPL SERIES, HIGH EFFICIENCY, 14 SEER

- All models feature Scroll® compressors for maximum efficiency and quiet operation. This unit contains a special scroll compressor that is designed specifically to operate with R-410A Refrigerants and polyolester (POE) oils. The compressor is hermetically sealed and incorporates internal high temperature motor overload protection and durable insulation on the motor windings. It is externally mounted on rubber grommets to reduce vibration and noise.
- Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
- One-piece top with a deep flange to help keep water out of the unit
- Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- Side and down discharge options available on all models. (Shipped Downflow Standard)
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics. Low pressure/loss of charge protection is standard on all models.
- Condenser and evaporator coils feature enhanced fins for better heat transfer and rifled copper tubing for greater efficiency.
- Supplemental electric heat strips up to 15 kW are available (field or factory installed) for periods of extreme cold temperatures. Single point wiring makes installation even easier.
- All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
- Easily accessible control box. Package heat pump utilizes demand defrost control which monitors the outdoor ambient temperature, outdoor coil temperature, and compressor run-time to determine when a defrost cycle is required.
- Thermal Expansion Valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Filter Drier Standard on all models.
- Rugged Baserail for improved installation and handling. 16. Reversing valve directs flow of refrigerant and reverses the refrigerant flow when heating is required



Part No.	Cooling		Heating					Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	BTUH @ 17°F	COP @ 17°F	HSPF	Voltage	MCA (Amps)	H	W	L		
RQPLB024JK000	24400	14.0	13800	1.78	8	208-230/1/60	21	35 15/16	50 13/16	47 19/32	401	\$6,029.84
RQPLB030JK000	29200	14.0	15500	2.07	8	208-230/1/60	24	41	50 13/16	47 19/32	455	\$5,967.22
RQPLB036JK000	36000	14.0	18000	2.5	8	208-230/1/60	27	41	50 13/16	47 19/32	479	\$6,056.34
RQPLB042JK000	42500	14.0	24200	3.43	8	208-230/1/60	33	41	50 13/16	47 19/32	516	\$6,569.26

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PACKAGED UNIT, 3 PHASE

A/C UNIT, ELECTRIC COOL/GAS HEAT



RGV036HEFA0AAA

PACKAGE UNIT, GAS HEAT/ELECTRIC COOL (3 PHASE), WITH X-VANE™ FAN TECHNOLOGY, 11 EER, R410A

The new RGV series rooftop units (RTU) with X-Vane™ Fan Technology provides value added benefits never seen in this type of equipment before.

- Patent pending, the industry's first beltless direct-drive vane axial fan

for rooftop units with electric commutated variable speed motor.

- Reliable fixed speed scroll compressor on 3-5 ton sizes and 2 stage scroll technology on 6 ton sizes.
- Upgraded unit control board with intuitive indoor fan adjustment.
- Reliable copper tube / aluminum fin condenser coil with 5/16-in. tubing to help reduce refrigerant charge versus prior designs.
- New outdoor fan system with rugged, lightweight high impact composite fan blade.

- R-410A refrigerant
- Single point gas and electrical connections
- Easy to maintain: with the new Vane Axial fan and direct drive ECM motor, there is no longer a need to adjust belts or pulleys as in past designs.
- Easy access handles
- All models are capable of either vertical or horizontal airflow
- Sloped, corrosion resistant composite drain pan sheds water and won't rust
- X-Vane Fan Technology Direct drive X-Vane Fan Technology indoor fan system uses vane axial fan design and electrically commutated motors. This new Vane Axial design over past belt drive systems has 75% fewer moving parts, uses up to 40% less energy and has no fan belts, blower bearings, or shaft.

14 SEER, R410A, WITH X-VANE™ FAN TECHNOLOGY



Part No.	Cooling			Gas Heating		Voltage	Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L			
RGV036HEFA0AAA*	34400	14.0	11.5	110000	80.0	208-230/3/60	33 3/8	46 5/8	74 3/8	19	25	\$5,087.64
RGV036LEFA0AAA*	34400	14.0	11.5	110000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	10	15	\$5,254.78
RGV048HEFA0AAA*	47000	14.0	11.6	110000	80.0	208-230/3/60	33 3/8	46 5/8	74 3/8	25	30	\$6,133.44
RGV048LEFA0AAA*	47000	14.0	11.6	110000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	11	15	\$6,315.38
RGV060HEFA0AAA*	58500	14.0	11.0	110000	80.0	208-230/3/60	33 3/8	46 5/8	74 3/8	31	45	\$6,816.84
RGV060LEDA0AAA*	58500	14.0	11.0	110000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	13	20	\$7,242.56
RGV072HEFA0AAA*	70000	14.0	11.0	110000	80.0	208-230/3/60	41 3/8	46 5/8	74 3/8	28	45	\$8,430.92
RGV072LEFA0AAA*	70000	14.0	11.0	150000	80.0	460/3/60	41 3/8	46 5/8	74 3/8	14	20	\$8,447.78

14 SEER, R410A, WITH X-VANE™ FAN TECHNOLOGY, LOW NOX



Part No.	Cooling			Gas Heating		Voltage	Dimensions (In.)			MCA (Amps)	MOCP	Price
	Capacity (BTUH)	SEER	EER	Input (BTUH)	AFUE %		H	W	L			
RGV036HLFA0AAA*	34400	14.0	11.5	110000	80.0	208-230/3/60	33 3/8	46 5/8	74 3/8	18	25	\$5,436.22
RGV036LLFA0AAA*	34400	14.0	11.5	110000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	9	15	\$5,610.28
RGV048HLFA0AAA*	47000	14.0	11.6	60000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	25	30	\$6,249.32
RGV060HLFA0AAA*	58500	14.0	11.0	60000	80.0	208-230/3/60	33 3/8	46 5/8	74 3/8	28	40	\$7,216.08
RGV060LLFA0AAA*	58500	14.0	11.0	60000	80.0	460/3/60	33 3/8	46 5/8	74 3/8	13	15	\$7,221.32

A/C UNIT, ELECTRIC COOL



RAV036H0FA0AAA

14 SEER, R410A, WITH X-VANE™ FAN TECHNOLOGY

The new RAV series rooftop units (RTU) with X-Vane™ Fan Technology provides value added benefits never seen in this type of equipment before.

- Patent pending, the industry's first beltless direct-drive vane axial fan for rooftop units with electric commutated variable speed motor.
- Reliable fixed speed scroll compressor on 3-5 ton sizes and 2 stage scroll technology on 6 ton sizes.
- Upgraded unit control board with intuitive indoor fan adjustment.
- Reliable copper tube / aluminum fin condenser coil with 5/16-in. tubing to help reduce refrigerant charge versus prior designs.
- New outdoor fan system with rugged, lightweight high impact composite fan blade.
- Single point gas and electrical connections
- Easy to maintain: with the new Vane Axial fan and direct drive ECM motor, there is no longer a need to adjust belts or pulleys as in past designs.
- Easy access handles
- All models are capable of either vertical or horizontal airflow
- Sloped, corrosion resistant composite drain pan sheds water and won't rust
- Designed with a naturally draining heat exchanger
- X-Vane Fan Technology Direct drive X-Vane Fan Technology indoor fan system uses vane axial fan design and electrically commutated motors. This new Vane Axial design over past belt drive systems has 75% fewer moving parts, uses up to 40% less energy and has no fan belts, blower bearings, or shaft.



Part No.	Cooling						Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	Voltage	MCA (Amps)	MOCP	H	W	L		
RAV036H0FA0AAA*	34400	14.0	11.7	208-230/3/60	18	25	33 3/8	46 5/8	74 3/8	477	\$4,327.22
RAV036L0FA0AAA*	34400	14.0	11.7	460/3/60	9	15	33 3/8	46 5/8	74 3/8	477	\$4,429.14
RAV048H0FA0AAA*	47000	14.0	11.8	208-230/3/60	24	30	33 3/8	46 5/8	74 3/8	538	\$5,288.00
RAV048L0FA0AAA*	47000	14.0	11.8	460/3/60	10	15	33 3/8	46 5/8	74 3/8	583	\$5,381.24
RAV060H0FA0AAA*	58500	14.1	11.2	208-230/3/60	28	40	33 3/8	46 3/4	74 3/8	551	\$5,802.04
RAV060L0FA0AAA*	58500	14.1	11.2	460/3/60	12	15	33 3/8	46 3/4	74 3/8	511	\$5,972.40
RAV072H0FA0AAA*	70000	14.0	11.2	208-230/3/60	32	45	41 3/8	46 3/4	74 3/8	607	\$7,001.48



PAD

14 SEER, R410A

- Copper tube/aluminum fin condenser and evaporator coils
- Scroll compressors standard on all models
- Installs easily on a rooftop or at ground level
- Wire grille
- Pre painted steel cabinet
- High efficiency X13 indoor blower motor on all model
- Vertical condenser fan discharge
- Rust proof base with integral sloping drain

Warranty

- 5 year compressor limited warranty
- 1 year parts limited warranty



	Cooling							Dimensions (In.)				
Part No.	Capacity (BTUH)	SEER	EER	Voltage	CFM	MCA (Amps)	MOCP	H	W	L	Ship Wgt (Lbs.)	Price
PAD436000H000E*	34800	14.0	11.5	208-230/3/60	1200	20.1	30	51 3/4	32 5/8	48 3/16	390	\$5,220.52
PAD448000L000E*	47000	14.0	12.0	460/3/60	1550	12.3	15	52 3/4	44 1/4	48 1/4	480	\$6,645.22
PAD460000H000E*	57000	14.0	11.5	208-230/3/60	1750	28.6	40	54 3/4	44 3/16	48 1/4	455	\$7,828.16
PAD460000L000E*	57000	14.0	11.5	460/3/60	1750	14.2	20	54 3/4	44 3/16	48 1/4	497	\$7,784.08

PACKAGED UNIT, 3 PHASE

HEAT PUMP UNIT



PHD

14 SEER, R410A

- Environmentally sound R-410A refrigerant
- Copper tube/aluminum fin condenser and evaporator coils
- Scroll compressor standard on all models
- Short-cycling protection for the

compressor is built into the defrost control board

- Dehumidification mode (airflow reduction) on all mode
- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

- Combination electric heating and cooling
- Hail Guard (3/8" spacing) wire grilles standard on all models
- Direct drive high efficiency ECM blower motor on all model
- Pre-painted steel cabinet
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

Warranty

5 year compressor limited warranty

1 year parts limited warranty



Part No.	Cooling			Heating			Voltage	MCA (Amps)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	HSPF			H	W	L		
PHD436000H000F*	34200	14.0	11.5	18600	34400	8.0	208-230/3/60	18.2	48 3/4	44 3/16	48 3/16	440	\$6,515.30
PHD436000L000F*	34200	14.0	11.5	18600	34400	8.0	460/3/60	11	48 3/4	44 3/16	48 3/16	440	\$6,550.00
PHD442000H000F*	41000	14.0	11.5	22600	40000	8.0	208-230/3/60	22.1	54 3/4	44 3/16	48 3/16	435	\$7,098.02
PHD442000L000F*	41000	14.0	11.5	22600	40000	8.0	460/3/60	11.2	54 3/4	44 3/16	48 3/16	435	\$7,091.94
PHD448000H000F*	48000	14.0	12.0	25800	46000	8.0	208-230/3/60	25.8	54 3/4	44 3/16	48 3/16	500	\$7,814.20
PHD448000L000F*	48000	14.0	12.0	25800	46000	8.0	460/3/60	12.3	54 3/4	44 3/16	48 3/16	500	\$7,854.40
PHD460000H000F*	57500	14.0	11.5	33000	57500	8.0	208-230/3/60	28.7	48 3/4	44 3/16	48 3/16	515	\$8,161.54
PHD460000L000F*	57500	14.0	11.5	33000	57500	8.0	460/3/60	14.3	48 3/4	44 3/16	48 3/16	515	\$8,156.40



RHX

14 SEER, R410A

- Single stage cooling
- Scroll compressors with internal line break overload protection
- Convertible from vertical to horizontal airflow for slab mountin
- Copper tube aluminum fin coils with optional corrosion resistant coils

- Pre-painted exterior panels and tested to 500 hours salt spray protection
- Fixed orifice refrigerant metering systle
- Solid state control board and easy access terminal board
- Refrigerant filter drier and accumulator on each refrigerant circui
- Automatic changeover when used with auto-changeover thermostat

- Access panels with easy grip handles
- Innovative, easy starting, no strip screw features on unit access panels
- 2" disposable return air filters with tool-less filter access do
- Direct Drive ECM, indoor motor is standard with optional belt drive systems
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangemen
- Single point electric connections
- 24-volt control circuit protected with resettable circuit breaker

Warranty

5 year compressor limited warranty

1 year parts limited warranty



Part No.	Cooling			Heating			Voltage	MCA (Amps)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
	Capacity (BTUH)	SEER	EER	BTUH @ 17°F	BTUH @ 47°F	HSPF			H	W	L		
RHX036H0CA0AAA*	35600	14.0	12.1	18400	35600	8.1	208-230/3/60	19	33 3/8	46 3/4	74 3/8	495	\$5,583.58
RHX036L0CA0AAA*	35600	14.0	12.1	18400	35600	8.1	460/3/60	11	33 3/8	46 3/4	74 3/8	495	\$5,729.08
RHX048H0CA0AAA*	49000	14.0	12.1	23800	45500	8.0	208-230/3/60	24	41 3/8	46 3/4	74 3/8	580	\$6,515.26
RHX048L0CA0AAA*	49000	14.0	12.1	23800	45500	8.0	460/3/60	12	41 3/8	46 3/4	74 3/8	580	\$6,691.14
RHX060H0CA0AAA*	58000	14.3	12.2	28600	58000	8.2	208-230/3/60	30	41 3/8	46 3/4	74 3/8	610	\$7,062.54
RHX060L0CA0AAA*	58000	14.3	12.2	28600	58000	8.2	460/3/60	14	41 3/8	46 3/4	74 3/8	610	\$7,251.48

A/C SYSTEM



NH4A4

14 SEER, R410A, HORIZONTAL

- Factory charged with R-410A refrigerant
- Scroll compressor
- Factory-supplied filter-drier
- High and Low pressure switches
- Line lengths up to 250 feet
- Small footprint

- Easy access service valves on all models
- Low ambient operation (down to 0°F)
- Ball-Bearing Fan Motor

Warranty

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
NH4A436AHA*	3	35400	14.0	208-230/3/60	37 1/8	44 1/2	17 1/16	214	\$6,158.14
NH4A436ALA*	3	35400	14.0	460/3/60	37 1/8	44 1/2	17 1/16	214	\$5,946.98
NH4A448AHA*	4	45000	14.0	208-230/3/60	37 1/8	44 1/2	17 1/16	275	\$6,472.66
NH4A448ALA*	4	45000	14.0	460/3/60	37 1/8	44 1/2	17 1/16	243	\$6,546.64
NH4A460AHA*	5	57000	14.0	208-230/3/60	43 1/8	44 1/2	17 1/16	275	\$7,733.60
NH4A460ALA*	5	57000	14.0	460/3/60	43 1/8	44 1/2	17 1/16	275	\$7,769.84



N4A

13 SEER, R410A, 2 1/2 TO 5 TON, ENTRY, ENHANCED GUARD

Refrigeration Circuit

- Copeland compressors on all models
- Filter-Drier supplied with every unit for field installation
- Copper tube / aluminum fin coil

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel

- Factory charged with R-410A refrigerant

Built to Last

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fin
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" grille spacing

Warranty

- 5 year compressor limited warranty
- 1 year coil and parts limited warranty



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER		H	L	W		
N4A336GHB*	3	34200	13.0	208-230/3/60	31 13/16	25 3/4	25 3/4	170	\$2,305.18
N4A336GLB*	3	34200	13.0	460/3/60	31 13/16	25 3/4	25 3/4	170	\$2,369.78
N4A342GHA*	3 1/2	41000	13.0	208-230/3/60	32 5/16	31 3/16	31 3/16	208	\$2,674.70
N4A342GLA*	3 1/2	41000	13.0	460/3/60	32 5/16	31 3/16	31 3/16	215	\$2,630.88
N4A348GHB*	4	45500	13.2	208-230/3/60	35 3/4	31 3/16	31 3/16	216	\$3,156.18
N4A348GLB*	4	45500	13.2	460/3/60	35 3/4	31 3/16	31 3/16	216	\$3,111.08
N4A360GHC*	5	57500	13.2	208-230/3/60	25 1/2	31 3/16	31 3/16	224	\$3,620.38
N4A360GLC*	5	57500	13.2	460/3/60	25 1/2	31 3/16	31 3/16	224	\$3,557.32

SPLIT SYSTEM, 3 PHASE

A/C SYSTEM



11 EER, R410A, 6 TO 20 TON

- Single stage cooling capacity control on all 072 to 241 models
- Two stage cooling capacity control on 120 to 240 models
- Round copper tube aluminum plate fin (RTPF) condenser coils on all models
- Brass suction and liquid line service valves
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Galvanized steel cabinet with pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully hermetic scroll compressors with crankcase heater
- Compressors mounted on independent vibration isolators
- Comfort Alert™ Diagnostic Board:
 - LED Go-No-Go and fault code
 - Built in time guard anti-short cycle
 - Phase protection
 - Fault code retention logic
 - Low volt compressor contactor protector
- All units have high and low pressure switches
- Direct drive permanently lubricated condenser fan motors
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F and down to 40°F
- Models with optional low ambient control provide cooling operation down to -20°F
- All units factory run tested



Part No.	Nominal Tons	Cooling		Dimensions (In.)			Nb. of Circuits	Ship Wgt (Lbs.)	Price
		BTUH	Voltage	H	L	W			
CAS072HAA0A00A*	6	71000	208-230/3/60	42 3/8	45 7/8	59 3/8	1	328	\$4,408.00
CAS072LAA0A00A*	6	71000	460/3/60	42 3/8	45 7/8	59 3/8	1	328	\$4,816.16
CAS091HAA0A00A*	7 1/2	92000	208-230/3/60	42 3/8	45 7/8	59 3/8	1	391	\$5,827.60
CAS091LAA0A00A*	7 1/2	92000	460/3/60	42 3/8	45 7/8	59 3/8	1	391	\$6,376.82
CAS121HAA0A00A*	10	117000	208-230/3/60	50 3/8	45 7/8	59 3/8	1	353	\$7,101.62
CAS121LAA0A00A*	10	117000	460/3/60	50 3/8	45 7/8	59 3/8	1	499	\$7,760.98
CAS151HAA0A00A*	12 1/2	148000	208-230/3/60	50 3/8	45 7/8	59 3/8	1	598	\$8,564.16
CAS151LAA0A00A*	12 1/2	148000	460/3/60	50 3/8	45 7/8	59 3/8	1	598	\$8,533.34
CAS241HAA0A00A*	20	240000	208-230/3/60	50 3/8	67 1/8	86 1/8	1	978	\$13,598.20
CAS241LAA0A00A*	20	240000	460/3/60	50 3/8	67 1/8	86 1/8	1	978	\$13,869.38
CAS120HDA0A00A*	10	117000	208-230/3/60	50 3/8	45 7/8	59 3/8	2	499	\$7,265.42
CAS120LDA0A00A*	10	117000	460/3/60	50 3/8	45 7/8	59 3/8	2	499	\$7,940.42
CAS150HDA0A00A*	12 1/2	148000	208-230/3/60	50 3/8	45 7/8	59 3/8	2	505	\$8,743.26
CAS150LDA0A00A*	12 1/2	148000	460/3/60	50 3/8	45 7/8	59 3/8	2	505	\$9,555.72
CAS180HDA0A00A*	15	184000	208-230/3/60	50 3/8	45 7/8	86 3/8	2	633	\$11,567.86
CAS180LDA0A00A*	15	184000	460/3/60	50 3/8	45 7/8	86 3/8	2	633	\$11,798.72
CAS240HDA0A00A*	20	240000	208-230/3/60	50 3/8	67 1/8	86 1/8	2	990	\$14,237.42
CAS240LDA0A00A*	20	240000	460/3/60	50 3/8	67 1/8	86 1/8	2	990	\$14,520.30



13-15 SEER, 3 PHASE

- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- Copeland scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Vertical louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- 3" between valves, 4" below valves, 5" above valves – provides a minimum working area of 27-square inches for easier access
- 15" wide, industry leading corner service access – makes repairs easier and faster
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- Fewer cabinet fasteners and fastener-free base – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.



Part No.	Nominal Tons	Cooling			Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		H	W	L		
TZALS1336CAP*	3	34600	13.0	11.0	208-230/3/60	30.35	33	33.25	164	\$2,420.76
TZALS1336DAP*	3	34600	13.0	11.0	460/3/60	30.35	33	33.25	167	\$2,571.02
TZALS1342CAP*	3 1/2	40500	13.0	11.0	208-230/3/60	34.19	33	33.25	188	\$2,775.50
TZALS1342DAP*	3 1/2	40500	13.0	11.0	460/3/60	34.19	33	33.25	188	\$2,670.48
TZALS1348CAP*	4	47500	13.0	11.0	208-230/3/60	30.08	37.56	37.64	195	\$3,052.84
TZALS1348DAP*	4	47500	13.0	11.0	460/3/60	30.08	37.56	37.64	195	\$3,049.76
TZALS1360CAP*	5	56000	13.0	11.0	208-230/3/60	35.15	39.64	39.37	228	\$3,501.58
TZALS1360DAP*	5	56000	13.0	11.0	460/3/60	35.15	39.64	39.37	228	\$3,611.48

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A/C SYSTEM



RAWL SERIES, HIGH EFFICIENCY. 6 1/2 AND 7 1/2 TONS

- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- Scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Curved louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- PlusOne™ Expanded Valve Space – 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- PlusOne™ Triple Service Access – 15" wide, industry leading corner service access – makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- Diagnostic service window with two-fastener opening – provides access to the high and low pressure.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- 35% fewer cabinet fasteners and fastener-free base – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.
- Low ambient control – a pressure sensitive fan cycling control allows operation of units down to 0°F.
- High pressure control – manual reset control deactivates system if abnormally high pressure occurs.
- Low pressure control – automatic reset control deactivates system if abnormally low pressure or refrigerant loss occurs.
- Service valves – standard on liquid and suction lines.
- Condenser fan motors – direct drive, single-phase permanently lubricated ECM motors with inherent overload protection.
- Transformer – 50VA step-down type, from Line to 24 volts.
- Contactor – the contactor is an electrical switch which operates the compressor and condenser fans. Its 24 volt coil is activated through the High Pressure Control and Low Pressure Control on a call for cooling.
- Equipment ground – lug for field connection of ground wire
- Compressor time delay control – compressor will remain off for five minutes after power or thermostat interruption, allowing system pressures to equalize. (Model No. RXMD-B01)
- Filter/Drier – a liquid line filter drier is shipped with each unit for field installation



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	EER		H	W	L		
RAWL079CAZ	6 1/2	77000	11.5	208-230/3/60	45	35 3/4	35 3/4	340.00	\$4,174.10
RAWL079DAZ	6 1/2	77000	11.5	460/3/60	45	35 3/4	35 3/4	340.00	\$4,780.48
RAWL091CAZ	7 1/2	90000	11.5	208-230/3/60	51	35 3/4	35 3/4	341.00	\$5,516.12
RAWL091DAZ	7 1/2	90000	11.5	460/3/60	51	35 3/4	35 3/4	341.00	\$6,330.18



RAWL

RAWL SERIES, HIGH EFFICIENCY. 10 AND 10 1/2 TONS

- **Cabinet:** galvanized steel with a durable finish. Stamped louvered panels offer 100% protection for the condenser coil.
- **Compressor:** hermetically sealed with internal overload protection and durable insulation on motor windings. The entire compressor is mounted on rubber grommets to reduce vibration and noise.
- **Condenser coil:** constructed with copper tubes and aluminum fins mechanically bonded to the tubes for maximum heat transfer capabilities.
- **Base pan:** galvanized steel.
- **Refrigerant connections:** field piping connections are made through a fixed panel. This allows removal of access panels after piping connections have been made.
- **Crankcase heaters:** standard, all models. Prevents refrigerant migration to compressor(s).
- **Low ambient control:** a pressure sensitive fan cycling control to allow unit operation down to 0°F is standard.
- **Service valves:** standard on liquid and suction lines. Allows outdoor section to be isolated from indoor coil.
- **Service access:** control box as well as the compressor and other refrigerant controls are accessible through access panels. Control box may be open without affecting the normal operation of the unit. Condenser fan motors are accessible by removing wire grilles.
- **Filter drier:** standard (uninstalled) on all models. Helps ensure refrigerant cleanliness.
- **Transformer:** step-down type, line to 24 volts. Provides control circuit voltage.
- **Contactor:** electrical switch which operates the compressor and condenser fans.
- **High pressure control:** opens the contactor circuit on high refrigerant pressure; manual reset.
- **Low pressure control:** stops compressor operation in the event of loss of refrigerant.
- **Condenser motor (Direct Drive):** ball bearing 1075 RPM motors are mounted to minimize vibration and noise problems. These are permanent split capacitor types. ECM fan motor (10 Ton)
- **Testing:** all units are run tested at the factory prior to shipment. Units are shipped with a holding charge of nitrogen.
- **External gauge ports:** allows pressures to be checked without removing access panel.
- **Coil louvers:** helps prevent damage to outdoor coils.
- **Time delay:** supplied on tandem compressor models to provide a delay between stages.



Part No.	Nominal Tons	Cooling		Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	EER		H	W	L		
RAWL121CAZ	10	113000	11.2	208-230/3/60	44 3/4	38 3/8	72 3/8	593.00	\$6,944.22
RAWL121DAZ	10	113000	11.2	460/3/60	44 3/4	38 3/8	72 3/8	593.00	\$7,176.38
RAWL150DAZ	12 1/2	146000	11.1	460/3/60	44 3/4	38 3/8	72 3/8	690.00	\$9,485.26

HEAT PUMP SYSTEM



N4H4

14 SEER, R410A, ENHANCED GUARD

Refrigeration Circuit

- Scroll compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter drier supplied with every unit for field installation

- Copper tube, aluminum fin coil

Built to Last

- Baked on powder coat finish over galvanized steel
- Post painted (black) coil fin
- Coated, weather-resistant cabinet screws

Easy to Install and Service

- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel



- Integrated solid state control with time/temperature defrost and compressor anti cycle timer
- High and low pressure switches

Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
N4H436GHP*	3	208-230/3/60	33000	14.0	20800	33000	2.46	3.64	8.2	N4H436GHP + FEM4X36**BL	28 1/4	31 3/16	31 3/16	187	\$3,554.06
N4H448GHP*	4	208-230/3/60	46000	14.0	27800	45500	2.56	3.64	8.2	N4H448GHP + FEM4X48**BL	28 1/4	31 3/16	31 3/16	217	\$4,094.02
N4H448GLP*	4	460/3/60	46000	14.0	27800	45500	2.56	3.64	8.2	N4H448GLP + FEM4X48**BL	28 1/4	31 3/16	31 3/16	217	\$4,414.72
N4H460GHP*	5	208-230/3/60	57000	14.0	33000	54500	2.56	3.7	8.2	N4H460GHP + FEM4X60**AL	31 11/16	31 3/16	31 3/16	233	\$4,965.32
N4H460GLP*	5	460/3/60	57000	14.0	33000	54500	2.56	3.7	8.2	N4H460GLP + FEM4X60**AL	31 11/16	31 3/16	31 3/16	233	\$4,980.96

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SPLIT SYSTEM, 3 PHASE

HEAT PUMP SYSTEM



NH4A4

14 SEER, R410A, HORIZONTAL

- Factory charged with R-410A refrigerant
- Scroll compressor
- Factory-supplied filter-drier
- High and Low pressure switches
- Line lengths up to 250 feet
- Accumulator
- Small footprint
- Easy access service valves on all models
- Low ambient operation (down to 0°F)
- Ball-Bearing Fan Motor

Limited Warranty:

5 year Compressor, Coil and Parts
(10 year with timely registration)



Part No.	Nom. Tons	Voltage	Cooling		Heating					Rating Selection	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)	SEER	BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	HSPF		H	W	L		
NH4H436ALA*	3	460/3/60	34200	14.0	21000	34200	2.6	3.94	8.5	NH4H436ALA + FMA4X36A	37 1/8	17 1/16	44 1/2	227	\$7,864.10
NH4H448AHA*	4	208-230/1/60	45500	14.0	29000	46000	2.56	3.66	8.2	NH4H448AHA + FEM4X48BL	43 1/8	17 1/16	44 1/2	276	\$9,252.48
NH4H448ALA*	4	460/1/60	45500	14.0	29000	46000	2.56	3.66	8.2	NH4H448ALA + FEM4X48BL	43 1/8	17 1/16	44 1/2	276	\$7,956.66
NH4H460AHA*	5	208-230/3/60	55000	14.0	33600	55000	2.62	3.78	8.2	NH4H460AHA + FEM4X60AL	43 1/8	17 1/16	44 1/2	288	\$8,848.94
NH4H460ALA*	5	460/3/60	55000	14.0	33600	55000	2.62	3.78	8.2	NH4H460ALA + FEM4X60AL	43 1/8	17 1/16	44 1/2	288	\$9,405.14



CHS072HAA0A00A

11 EER, R410A, 6 TO 10 TON

- Single stage cooling capacity control on 072 to 121 models, two stage cooling capacity control on 180 to 240 models
- Round copper tube aluminum plate fin (RTPF) condenser coils on all models
- Comfort Alert™ Diagnostic Board LED Go-NoGo and fault code
- Built in time guard antishort cycle
- Phase protection
- Fault code retention logic
- Low volt compressor contactor protector
- All units have high pressure and loss of charge protection
- Direct drive permanently lubricated condenser fan motors
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 125°F (52°C) and down to 35°F (2°C)
- Models with optional low ambient control provide cooling operation down to -20°F (-29°C)
- All units factory run tested
- Brass suction and liquid line service valves
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Prepainted exterior panels and primer coated interior panels tested to 500 hours salt spray protection
- Fully hermetic scroll compressors with crankcase heater and suction line accumulator
- Compressors mounted on independent vibration isolators



Part No.	Nominal Tons	Voltage	Cooling		Heating				Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Capacity (BTUH)		BTUH @ 17°F	BTUH @ 47°F	COP @ 17°F	COP @ 47°F	H	W	L		
CHS072HAA0A00A*	6	208-230/3/60	70000		39000	66000	2.2	3.3	42 3/8	59 3/8	45 7/8	444	\$5,575.50
CHS072LAA0A00A*	6	460/3/60	70000		39000	66000	2.2	3.3	42 3/8	59 3/8	45 7/8	328	\$5,614.78
CHS091HAA0A00A*	7 1/2	208-230/3/60	89000		52000	87000	2.2	3.3	42 3/8	59 3/8	45 7/8	483	\$7,147.78
CHS091LAA0A00A*	7 1/2	460/3/60	89000		52000	87000	2.2	3.3	42 3/8	59 3/8	45 7/8	483	\$7,285.26
CHS121HAA0A00A*	10	208-230/3/60	112000		70000	106000	2.2	3.3	50 3/8	59 3/8	45 7/8	575	\$9,163.62
CHS121LAA0A00A*	10	460/3/60	112000		70000	106000	2.2	3.3	50 3/8	59 3/8	45 7/8	575	\$9,430.38
CHS180HDA0A00A*	15	208-230/3/60	178000		108000	178000	2.4	3.4	50 3/8	86 3/8	45 7/8	768	\$14,434.86
CHS180LDA0A00A*	15	460/3/60	178000		108000	178000	2.4	3.4	50 3/8	86 3/8	45 7/8	768	\$14,203.28
CHS240HDA0A00A*	20	208-230/3/60	222000		130000	214000	2.4	3.5	50 3/8	86 3/8	47 1/8	1015	\$17,841.54
CHS240LDA0A00A*	20	460/3/60	222000		130000	214000	2.4	3.5	50 3/8	86 3/8	47 1/8	1015	\$17,491.90

COMMERCIAL AIR HANDLER

7 1/2 & 10 TON, 2-STAGE AIRFLOW

Cabinet — Powder coat painted. Matching discharge plenums and decorative supply and return air grilles are available for use when units are to be installed within conditioned space.

Motor — Inherently protected motors are mounted inside of insulated cabinet to reduce motor noise. A choice of motor horsepowers and drive combinations are available to allow you to meet specified CFM at various static pressures up to 2" [.498 kPa] external static pressure.

Low Profil — Allows for horizontal installation in most standard drop ceiling applications, and the movement of units through most standard doorways for addition or replacement work.

Thermal Expansion Valves — Standard all models.

Filters — One inch [25 mm] throwaway filters are standard, but filter racks are designed to accept either one inch [25 mm] or two inch [51 mm] filters

Evaporator Coil — Two circuit, interlaced row split coils are constructed with copper tubes and aluminum fins mechanically bonded to the tubes for maximum heat transfer capabilities. All coil assemblies are leak tested up to 450 PSIG [3100 kPa] internal pressure prior to installation into units.

Refrigerant Connections — Field piping connections are made through a fixed post between two side access panels on either side of the unit. Allows flexibility to meet most field conditions as well as full accessibility after the installation is complete.

Units may be used with two straight cool condensing units or single circuit manifolded in the field using the copper fittings shipped with each unit. The RHGL Air Handler has not been tested, rated or certified to operate with dual remote heat pumps

Drain Pan — The galvanized steel drain pan is designed to trap condensate in either vertical or horizontal installations. Condensate drain connections are located on both sides of the unit allowing complete flexibility to meet most field condition

Service Access — Two removable panels on top and each side of the unit are easily removed for access to motors, blowers, sheaves, and filters

Horizontal or Vertical — All models are designed for either application and can be installed in either position as supplied from the factory.

Testing — All units are run tested at the factory prior to shipment.



Part No.	Nominal Tons	CFM	Voltage	Dimensions (In.)		Ship Wgt (Lbs.)	Price
				H	W		
RHGM090ZL	7 1/2	3000 @ 0.25 ESP	208-230/3/60	27	52	402.00	\$3,332.00
RHGM120ZL	10	3000 @ 0.25 ESP	208-230/3/60	27	52	419.00	\$3,678.00



6 TO 25 TON

- Die-formed galvanized steel casings provide durability and structural integrity. Optional paint available
- High static design meets a wider range of applications than competitive packaged air handler lines
- Dual circuit can be field modified for use on single circuit condensers.
- The 2" (51 mm) factory installed disposable filters remove dust and airborne particles from the occupied space to serviceable components
- Easy installation and maintenance; removal of one side panel allows access to serviceable components
- Cleanable thermal insulation contains an immobilized anti-microbial agent to inhibit the growth of bacteria and fungi
- Single blower on 6 to 10 ton units; dual blower on 12.5 to 25 ton units.
- 8th position of part number:
A = Standard Static Standard Efficiency Motor / Standard Drive
B = High Static Standard Efficiency Motor / High Drive
D = Standard Static High Efficiency Motor / Standard Drive
E = High Static High Efficiency Motor / High Drive
- Multiposition design can be installed horizontally or vertically without modification (two sloped drain pans)
- Cooling coils with mechanically bonded fins that provide peak heat transfer
- Accessory electric heat kits available from 5 - 70 kW
- Hot water and steam coils optionally available
- Economizer accessory optionally available
- Factory installed TXV
- Single refrigerant circuit on 072 and 091 sizes. Dual refrigerant circuit on 120-300



Part No.	Nominal Tons	Voltage	Fans Nominal Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	L		
FAS072HAAA2A0A*	6	208-230/3/60	2.4	56 1/16	49	28 3/16	399	\$4,123.68
FAS072LAAA2A0A*	6	460/3/60	2.4	56 1/16	49	28 3/16	399	\$4,280.04
FAS072MAAA0A0A*	6	208-230/460/3/60	2.4	56 1/16	49	28 3/16	399	\$3,183.04
FAS091HAAA2A0A*	7 1/2	208-230/3/60	2.4	56 1/16	49	28 3/16	404	\$4,196.26
FAS091LAAA2A0A*	7 1/2	460/3/60	2.4	56 1/16	49	28 3/16	404	\$4,196.26
FAS091MAAA0A0A*	7 1/2	208-230/460/3/60	2.4	56 1/16	49	28 3/16	415	\$3,262.24

Continued...



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SPLIT SYSTEM, 3 PHASE

COMMERCIAL AIR HANDLER



6 TO 25 TON (CONT'D.)

Part No.	Nominal Tons	Voltage	Fans Nominal Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	L		
FAS120HAAA2A0A*	10	208-230/3/60	2.4	56 1/16	49	28 3/16	425	\$5,454.06
FAS120LAAA2A0A*	10	460/3/60	2.4	56 1/16	49	28 3/16	425	\$5,296.28
FAS120MAAA0A0A*	10	208-230/460/3/60	2.4	56 1/16	49	28 3/16	6.82	\$4,062.54
FAS150HAAA2A0A*	12 1/2	208-230/3/60	2.9	56 1/16	89	28 3/16	695	\$6,297.86
FAS150MAAA0A0A*	12 1/2	208-230/460/3/60	2.9	56 1/16	89	28 3/16	695	\$5,161.46
FAS180MAAA0A0A*	15	208-230/460/3/60	3.7	56 1/16	89	28 3/16	713	\$5,730.76
FAS180HEAA0A0A*	15	208-230/3/60	3.7	56 1/16	89	28 3/16	713	\$5,936.20
FAS180HAAA2A0A*	15	208-230/3/60	3.7	56 1/16	89	28 3/16	713	\$7,019.74
FAS240HDA0A0A*	20	208-230/3/60	5.0	56 1/16	89	28 3/16	730	\$7,340.10
FAS240HEAA0A0A*	20	208-230/3/60	5.0	56 1/16	89	28 3/16	730	\$7,625.52
FAS240HAAA2A0A*	20	208-230/3/60	5.0	56 1/16	89	28 3/16	730	\$9,661.04
FAS240LAAA2A0A*	20	460/3/60	5.0	56 1/16	89	28 3/16	730	\$9,014.80
FAS240LDA0A0A*	20	460/3/60	5.0	56 1/16	89	28 3/16	730	\$7,340.10
FAS300HDA0A0A*	25	208-230/3/60	7.5	65 9/16	89	32 5/8	1050	\$9,092.98
FAS300HEAA0A0A*	25	208-230/3/60	7.5	65 9/16	89	32 5/8	1050	\$9,238.62
FAS300LDA0A0A*	25	460/3/60	7.5	65 9/16	89	32 5/8	1050	\$9,092.98
FAS300LAAA2A0A*	25	460/3/60	7.5	65 9/16	89	32 5/8	1200	\$11,150.38



FHS072HAAA2A0A

6 TO 10 TON

- Die-formed galvanized steel casings provide durability and structural integrity. Optional paint available
- High static design meets a wider range of applications than competitive packaged air handler lines
- Factory installed TXV
- Single refrigerant circuit on 072 and 091 sizes. Dual refrigerant circuit on 120
- Dual circuit can be field modified for use on single circuit condensers.
- The 2" (51 mm) factory installed disposable filters remove dust and airborne particles from the occupied space to serviceable components
- Easy installation and maintenance; removal of one side panel allows access to serviceable components
- Cleanable thermal insulation contains an immobilized anti-microbial agent to inhibit the growth of bacteria and fungi
- Single blower on all units



Part No.	Nominal Tons	Voltage	Fans Nominal Motor HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	L		
FHS072HAAA2A0A*	6	208-230/3/60	3.7	56 1/16	49	28 3/16	381	\$4,232.22
FHS072MAAA0A0A*	6	208-230/460/3/60	2.4	56 1/16	49	28 3/16	381	\$3,282.76
FHS072LAAA2A0A*	6	460/3/60	3.7	56 1/16	49	28 3/16	381	\$4,280.28
FHS091HAAA2A0A*	7 1/2	208-230/3/60	3.7	56 1/16	49	28 3/16	385	\$5,106.94
FHS091MAAA0A0A*	7 1/2	208-230/460/3/60	2.4	56 1/16	49	28 3/16	385	\$3,364.18
FHS091LAAA2A0A*	7 1/2	460/3/60	3.7	56 1/16	49	28 3/16	385	\$4,632.82
FHS120MAAA0A0A*	10	208-230/460/3/60	2.4	56 1/16	49	28 3/16	427	\$4,248.14
FHS120LAAA2A0A*	10	460/3/60	3.7	56 1/16	49	28 3/16	427	\$5,571.50
FHS180HAAA2A0A*	15	208-230/3/60	5.0	56 1/16	89	28 3/16	713	\$7,429.10
FHS180MAAA0A0A*	15	208-230/460/3/60	3.7	56 1/16	89	28 3/16	850	\$6,010.98
FHS180LAAA2A0A*	15	460/3/60	5.0	56 1/16	89	28 3/16	713	\$7,753.98

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT SB/TZ

SINGLE ZONE, INVERTER TECHNOLOGY

- Check status of operating data
- Easy access to components
- Indoor unit can be adjusted after mounting
- Self-Cleaning
- Compressor heater
- Setup selections for customized operation
- Smaller indoor units
- Higher CFM
- Variable indoor fan speeds with off function
- Anti-Cold function
- Quieter Operation
- Adjustable louvers
- Auto Restart
- Turbo Fan, faster heating and cooling
- Self Diagnostics
- Auto Defrosting
- Refrigerant Leak Detection
- Freeze Protection
- Optional Wired Wall Control
- Inverter Technology
- Timer Selection



HEAT PUMP, SINGLE ZONE, INDOOR, UP TO 18 SEER

Suitable for installation in all regions



Part No.	SEER	Cooling (BTUH)	Heating (BTUH)	Voltage	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Suction	Liquid	H	D	L		
12H49YIMI*	19.0	12000	12000	115/1/60	1/2	1/4	11.69	7.44	31.57	25.11	\$349.38
9H49YIMI*	19.0	9000	10000	115/1/60	3/8	1/4	11.42	7.36	28.43	17	\$324.28
18H49ZIMI*	19.0	18000	18000	208-230/1/60	1/2	1/4	12.56	8.46	37.99	25	\$467.18
24H47ZIMI*	17.0	24000	24000	208-230/1/60	5/8	3/8	13.19	8.90	42.52	31	\$569.20
30H48ZIMI*	18.0	30000	30000	208-230/1/60	5/8	3/8	14.25	11.10	49.57	55.6	\$1,159.90
36H46ZIMI*	16.0	36000	36000	208-230/1/60	5/8	3/8	14.25	11.10	49.57	71	\$1,426.66



HEAT PUMP, SINGLE ZONE, OUTDOOR, UP TO 18 SEER

Suitable for installation in all regions



Part No.	SEER	Cooling (BTUH)	Heating (BTUH)	Voltage	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Suction	Liquid	H	D	L		
9H49YOMI*	19.0	9000	1000	115/1/60	3/8	1/4	21.85	11.81	30.31	70	\$759.82
12H49YOMI*	19.0	12000	12000	115/1/60	1/2	1/4	21.81	13.11	31.5	76.83	\$815.18
18H49ZOMI*	19.0	18000	18000	208-230/1/60	1/2	1/4	21.81	13.11	31.50	80	\$1,090.10
24H47ZOMI*	17.0	24000	24000	208-230/1/60	5/8	3/8	27.64	14.29	33.27	106	\$1,328.18
30H48ZOMI*	18.0	30000	30000	208-230/1/60	5/8	3/8	31.89	16.54	37.24	147.71	\$2,706.44
36H46ZOMI*	16.0	36000	36000	208-230/1/60	5/8	3/8	31.89	16.54	37.24	190	\$3,328.90

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT SB/TZ

HEAT PUMP, MULTI ZONE, 16 SEER

These freematch systems have mix and match flexibility that will allow you to control individual room temperatures in up to five rooms

- Inverter Technology
- Low Ambient Control
- Remote Control - Operable up to 33 feet from evaporator.
- Wall Control Available
- Adjustable Louvers
- Diagnostic Codes
- Unique Indoor Display
- Turbo Fan Function
- Economy/Sleep Function
- Auto Restart
- Timer Function
- 5 Year Compressor/ 1 Year Parts Warranty



SMZ18H46ZOGX

HEAT PUMP, OUTDOOR



Part No.	Cooling (BTUH)	SEER	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Suction	Liquid	H	D	L		
SMZ18H46ZOGX*	18000	16.0	3/8	1/4	23.46	14.88	35.39	106	\$2,319.14
SMZ18H422ZOGB*	18000	22.0	3/8	1/4	27.56	15.59	37.60	106	\$2,319.14
SMZ24H421ZOGB*	24000	21.0	3/8	1/4	31.1	16.81	38.58	145	\$2,912.62
SMZ30H421ZOGB*	28400	21.0	3/8	1/4	31.10	16.81	38.58	148	\$3,302.18
SMZ42H421ZOGB*	39000	21.0	3/8 (3), 1/2 (1), 5/8 (1)	1/4 (4), 3/8 (1)	43.43	17.32	42.8	247	\$4,493.32



SHE12H4ZIGX

HEAT PUMP, INDOOR



Part No.	Cooling (BTUH)	SEER	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Suction	Liquid	H	D	L		
SHE9H4ZIGB*	9000	16.0	3/8	1/4	10.8	7.1	33.3	34	\$502.18
SHE12H4ZIGB*	12000	16.0	3/8	1/4	10.8	7.1	33.3	34	\$593.48
SHE18H4ZIGB*	18000	16.0	1/2	1/4	11.7	7.9	37	40	\$700.00
SHE24H4ZIGB*	21400	16.0	5/8	1/4	12.4	8.6	39.6	37.5	\$760.86



SMZCA

MULTI ZONE, HEAT PUMP, CASSETTE, INDOOR

- Ceiling cassettes include the MSWCH wall control with 26' of wire and a wireless remote control. The wall mount control is not necessary if wireless remote operation is desired.
- Includes a factory-installed condensate pump
- The corresponding cassette grille for each ceiling cassette MUST be purchased separately (SMZCA1218GR or SMZCA24GR)



Part No.	Cooling (BTUH)	Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Suction	Liquid	Type	H	D	L		
SMZCA12H4ZIGX*	12000	3/8	1/4	MFL	9.1	22.4	22.4	8.1	\$1,091.26
SMZCA18H4ZIGX*	14400	1/2	1/4	MFL	9.1	22.4	22.4	50.7	\$1,164.26
SMZCA24H4ZIGX*	22800	5/8	3/8	MFL	9.45	33.1	33.1	77.2	\$1,386.50

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Multi-Zone Matching Combinations and Capacities



SMZ18H422Z0GB INDOOR OPTIONS	
ONE INDOOR UNIT OPTIONS	
9K	
12K	
TWO INDOOR UNIT OPTIONS	
9K + 9K	
9K + 12K	

SMZ24H421Z0GB INDOOR OPTIONS	
TWO INDOOR UNIT OPTIONS	
9K + 9K	9K + 12K
9K + 18K	12K + 12K
12K + 18K	
THREE INDOOR UNIT OPTIONS	
9K + 9K + 9K	9K + 9K + 12K
9K + 12K + 12K	

SMZ30H421Z0GB INDOOR OPTIONS	
TWO INDOOR UNIT OPTIONS	
9K + 9K	9K + 12K
9K + 18K	12K + 12K
12K + 18K	18K + 18K
THREE INDOOR UNIT OPTIONS	
9K + 9K + 9K	9K + 9K + 12K
9K + 12K + 12K	9K + 9K + 18K
12K + 12K + 12K	
FOUR INDOOR UNIT OPTIONS	
9K + 9K + 9K + 9K	
SMZ30H421Z0GB (con't) - Application Considerations	
The system matches below are not recommended if all indoor units may require simultaneous continuous duty at full efficiency. Such an example of this is a computer room or kitchen where heat load is constant.	
TWO INDOOR UNIT OPTIONS	
18K + 18K	
THREE INDOOR UNIT OPTIONS	
9K + 12K + 18K	12K + 12K + 18K
FOUR INDOOR UNIT OPTIONS	
9K + 9K + 9K + 12K	
9K + 9K + 12K + 12K	

SMZ42H421Z0GB INDOOR OPTIONS			
TWO INDOOR UNIT OPTIONS			
9K + 9K	9K + 12K	9K + 18K	12K + 12K
12K + 18K	18K + 18K	12K + 21K	12K + 24K
18K + 24K			
THREE INDOOR UNIT OPTIONS			
9K + 9K + 9K	9K + 9K + 12K	9K + 12K + 12K	9K + 9K + 18K
9K + 12K + 18K	9K + 18K + 18K	12K + 12K + 12K	12K + 12K + 18K
12K + 18K + 18K	9K + 12K + 24K	12K + 12K + 21K	
FOUR INDOOR UNIT OPTIONS			
9K + 9K + 9K + 9K		9K + 9K + 9K + 12K	
9K + 9K + 9K + 18K		9K + 9K + 12K + 12K	
9K + 9K + 12K + 18K		9K + 12K + 12K + 12K	
FIVE INDOOR UNIT OPTIONS			
9K + 9K + 9K + 9K + 9K			
SMZ42H421Z0GB(con't) - Application Considerations			
The system matches below are not recommended if all indoor units may require simultaneous continuous duty at full efficiency. Such an example of this is a computer room or kitchen where heat load is constant.			
TWO INDOOR UNIT OPTIONS			
24K + 24K			
THREE INDOOR UNIT OPTIONS			
18K + 18K + 18K	9K + 18K + 24K	12K + 18K + 24K	12K + 12K + 24K
FOUR INDOOR UNIT OPTIONS			
9K + 9K + 18K + 18K		9K + 12K + 12K + 18K	
9K + 9K + 9K + 24K		12K + 12K + 12K + 18K	
9K + 9K + 12K + 24K		12K + 12K + 12K + 12K	
FIVE INDOOR UNIT OPTIONS			
9K + 9K + 9K + 9K + 18K		9K + 9K + 9K + 12K + 12K	
9K + 9K + 12K + 12K + 12K		9K + 9K + 9K + 9K + 12K	

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT SB/TZ



MULTI ZONE, HEAT PUMP, INDOOR

- Ducted indoor units include the MSWCH wall control with 26' of wire.
- If desired, an optional wireless remote control (Part 305100491) will also operate these units. The MSWCH wall control is still required since the remote control receiver is part of the MSWCH.
- Includes a factory-installed condensate pump.
- Ducted indoor units have low to medium static capability, therefore, they are only designed to handle one to two supply outlets.



Part No.	Cooling (BTUH)	Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Suction	Liquid	Type	H	D	L		
SMZD9H4ZIGX*	8500	3/8	1/4	MFL	7.9	24.2	27.6	60	\$897.82
SMZD12H4ZIGX*	11900	3/8	1/4	MFL	7.9	24.2	27.6	63.95	\$913.04
SMZD18H4ZIGX*	15300	1/2	1/4	MFL	7.9	24.2	35.4	79.38	\$1,065.22



MULTI ZONE, HEAT PUMP, FLOOR, INDOOR



Part No.	Cooling (BTUH)	Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Suction	Liquid	Type	H	D	L		
SMZC9H4ZIGX*	9000	3/8	1/4	MFL	23.6	8.5	27.6	39.17	\$868.46
SMZC12H4ZIGX*	12000	3/8	1/4	MFL	23.6	8.5	27.6	39.17	\$960.98
SMZC18H4ZIGX*	18000	1/2	1/4	MFL	23.6	8.5	27.6	39.17	\$1,054.42

Part No.	Description	Price
SMZCA1218GR	Cassette Grill for SMZCA12H4ZIGX and SMZCA18H4ZIGX	\$208.00
SMZCA24GR	Cassette Grill for SMZCA24H4ZIGX	\$315.00



MULTI ZONE, HEAT PUMP, FLOOR/CEILING, INDOOR



Part No.	Cooling (BTUH)	Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Suction	Liquid	Type	H	D	L		
SMZFC9H4ZIGX*	8500	3/8	1/4	MFL	8.9	27.6	48	111	\$1,004.36
SMZFC12H4ZIGX*	11900	3/8	1/4	MFL	8.9	27.6	48	111	\$1,128.56
SMZFC18H4ZIGX*	17000	1/2	1/4	MFL	8.9	27.6	48	111	\$1,217.38
SMZFC24H4ZIGX*	22800	5/8	3/8	MFL	8.9	27.6	48	120	\$1,655.66

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



CTK141250

INSTALLATION KIT

Line sets, 1/4" wall insulated copper tubing with insulation.
Kits include liquid and suction lines with flare fitting



Part No.	Description	Length (Ft.)	Price
CTK141225	Installation Kit, 1/4" Liquid x 1/2" Suction	25.0	☎
CTK141250	Installation Kit, 1/4" Liquid x 1/2" Suction	50.0	☎
CTK143825	Installation Kit, 1/4" Liquid x 3/8" Suction	25.0	☎
CTK143850	Installation Kit, 1/4" Liquid x 3/8" Suction	50.0	☎
CTK145825	Installation Kit, 1/4" Liquid x 5/8" Suction	25.0	☎
CTK145850	Installation Kit, 1/4" Liquid x 5/8" Suction	50.0	☎
CTK385825	Installation Kit, 3/8" Liquid x 5/8" Suction	25.0	☎
CTK385850	Installation Kit, 3/8" Liquid x 5/8" Suction	50.0	☎
AK25	Accessory kit, 25 feet of 4 conductor cable - 14 AWG, UL (14/4, white, red, black, green with black jacket), 25 feet of 2 conductor cable - 14 AWG, UL (14/2, white, black with gray jacket), 25 feet of drain hose, 64 ft of PVC tape, 3" wall sleeve, sealin	25.0	☎
AK50	Accessory kit, 50 feet of 4 conductor cable - 14 AWG, UL (14/4, white, red, black, green with black jacket), 50 feet of 2 conductor cable - 14 AWG, UL (14/2, white, black with gray jacket), 50 feet of drain hose, 128 ft of PVC tape, 3" wall sleeve, seali	50.0	☎



97705

MIGHTY BRACKET™, MINI-SPLIT INSTALLATION SUPPORT TOOL

Clips to the mounting bracket of most mini-split brands in order to hold unit securely in place during installation without damaging walls.

- Allows single person installation
- Simple clip on support



Part No.	Description	Ship Wgt (Lbs.)	Price
97705	Mini-Split Installation Support Tool	6.75	\$259.30



87745

SLOPE CONDENSER BRACKET

Made from heavy duty steel with powdercoat finish. This adjustable bracket accomodates a roof slope up to 45 degrees or 12" pitch providing a level mounting surface.

Includes: Crossbars (2), Bracket Arms (2), Anti Vibration Mounts (4), 1" Bolt (4), Self Adhesive Level (2), 2" Lag Screw (6), 2" Anchors (6), Clip Nut (4)



Part No.	Description	Ship Wgt (Lbs.)	Price
87745	Dimensions: 39 1/2" L x 22" W x 22" H	13	\$187.00



87746

CONDENSER SLAB STAND

Made from heavy duty steel with powdercoat finish. This stand raises the condenser up to 13 1/2" above a flat surface. Each leg is independently adjustable to a 6° slope. Footings mountable to surface.

Min/Max mounting width: 15 3/4" - 39 5/8"
Min/Max mounting depth: 11 3/4" - 17"



Part No.	Description	Ship Wgt (Lbs.)	Price
87746	440 Lbs Capacity, 50" Long	33	\$784.20



QSMS1201

MINI-SPLIT STAND

Mini-split stands provide a safe, stable platform to mount your unit on. They keep units elevated above lawn mowers, pets, snow and flooding.

- Each foot is 6" x 6" 11 gauge steel and is adjustable up to 1.25" in height

- (4) 3/8" holes allow the stand to be bolted to any surface for security and stability
- 4 points of anti-vibration isolation washers are provided while using four 50-derometer rubber pads on each foot.
- Made of 14-gauge square tubing
- Holds up to 400 Lbs.



Part No.	Description	Ship Wgt (Lbs.)	Price
QSMS1201	Mini-Split Stand, Wide, 12" High, Adjustable Length 34" to 40" in 1" increments	22	\$322.70
QSMS1801 ¹	Mini-Split Stand, Wide, 18" High, Adjustable Length 34" to 40" in 1" increments	1	\$363.44
QSMS1202	Dual Fan Mini-Split Stand, 12" H x 30.5" W x 38" D	24	\$345.32
QSMS1802 ¹	Dual Fan Mini-Split Stand, 18" H x 30.5" W x 38" D	36	\$391.96

¹Comes with 2 extra stability arms

DUCTLESS SPLIT DAIKIN



Indoor



Outdoor

Daikin 17 series is available in both cooling only and heat pump configuration to offer a stylish design at an outstanding value. All-mounted units are simple to install and can be placed subtly, high on a wall, where they do not detract from your décor and operate very quietly.

- Variable-Speed Inverter Compressor
- Cooling Range: 50° - 115°F
- Heating Range: 5° - 65°F
- Eco+: an intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an optimum energy consumption level.
- Titanium Apatite Photocatalytic Air Purifying Filter

17 SERIES, WALL MOUNTED COOLING ONLY AND HEAT PUMP

- Powerful Operation Mode
- Wireless Remote Controller
- Auto Fan Speed Control
- Self-Diagnostics with Digital Display
- Auto-Restart after Power Failure
- Anti-Corrosion Heat Exchanger Treatment
- Blue Fin Protection – The hydrophilic coated fin ensures the condensate water moves easily to the drain pan — thus enhancing the cleanliness and lifespan of the cooling coil.
- 10-Year parts limited warranty

Ideal Solution for:

Renovations, remodeling and new construction
Sun rooms, basements, attics, garages, hot or cold rooms, and more
Rooms where floor space comes at a premium or is not available for other application
Ceiling void or attic does not allow for a viable duct run option
Cooling Only models are an excellent value for space not requiring heating

17 SERIES, COOLING ONLY

- 208-230/1/60



Part No.	Application	Cooling (BTUH)	SEER	EER	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Suction	Liquid	H	D	L		
FTKB09AXVJU*	Indoor	8800	17.0	11.0	3/8	1/4	11 11/16	8 1/4	35 1/16	25.79	\$421.40
FTKB12AXVJU*	Indoor	11000	17.0	8.5	3/8	1/4	11 11/16	8 1/4	35 1/16	20	\$479.46
FTKB18AXVJU*	Indoor	18000	17.0	10.5	1/2	1/4	12 5/8	9 1/2	46 1/8	31	\$548.26
FTKB24AXVJU*	Indoor	21200	17.0	11.0	5/8	1/4	12 5/8	9 1/2	46 1/8	31	\$626.72
RKB09AXVJU*	Outdoor	8800	17.0	11.0	3/8	1/4	21 5/8	10 3/4	25 5/16	62.38	\$783.68
RKB12AXVJU*	Outdoor	11000	17.0	8.5	3/8	1/4	21 5/8	10 3/4	25 5/16	57	\$873.98
RKB18AXVJU*	Outdoor	18000	17.0	10.5	1/2	1/4	25 11/16	12 15/16	33 11/16	82	\$1,244.86
RKB24AXVJU*	Outdoor	21200	17.0	11.0	5/8	1/4	29 11/16	12 15/16	33 11/16	97	\$1,495.32

17 SERIES, HEAT PUMP

- Quick warming function
- Automatic defrosting
- Auto Changeover
- 208-230/1/60



Part No.	Application	Cooling			Heating			Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	COP	Suction	Liquid	H	D	L		
FTXB09AXVJU	Indoor	8800	17.0	11.0	9400	9	3.6	3/8	1/4	11 11/16	8 1/4	35 1/16	20	\$433.22
FTXB12AXVJU	Indoor	11000	17.0	8.5	11300	9	3.3	3/8	1/4	11 11/16	8 1/4	35 1/16	20	\$499.88
FTXB18AXVJU	Indoor	18000	17.0	10.5	17900	9	3.3	1/2	1/4	12 5/8	9 1/2	46 1/8	31	\$533.20
FTXB24AXVJU	Indoor	21200	17.0	11.0	21200	9	3.7	5/8	1/4	12 5/8	9 1/2	46 1/8	35.63	\$635.32
RXB09AXVJU	Outdoor	8800	17.0	11.0	9400	9	3.6	3/8	1/4	21 5/8	10 3/4	25 5/16	57	\$823.46
RXB12AXVJU	Outdoor	11000	17.0	8.5	11300	9	3.3	3/8	1/4	21 5/8	10 3/4	25 5/16	66.08	\$906.22
RXB18AXVJU	Outdoor	18000	17.0	10.5	17900	9	3.3	1/2	1/4	25 11/16	12 15/16	33 11/16	82	\$1,307.20
RXB24AXVJU	Outdoor	21200	17.0	11.0	21200	9	3.7	5/8	1/4	29 11/16	12 15/16	33 11/16	109.78	\$1,561.98



*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



Indoor



Outdoor

The new Daikin 19-Series provides energy efficient, comfort control for one space.

Operates with outdoor temperatures ranging from 50°F to 115°F. With an optional wind baffle (KPW937F4) and an adjustment in the field it can continue to cool when outdoor temperatures fall all the way down to -4°F! This unit is optimized for great performance in many distinct climates. To help cut down on ice build-up in colder climates, the 19-Series includes an enhanced drain pan.

This unit is full featured. For efficient, quiet service, the variable speed compressor features inverter technology. Inverter technology adjusts the power needed with the power used. This decreases temperature variations, bringing you with the right amount of cooling comfort. The wall mounted indoor unit provides super quiet operation packed into a space saving design.

- Quick and easy duct-free installation
- Low ambient cooling capable
- Mold resistant washable air filter
- LED Indicator Lights show mode of operation (On/Off/Dimmable)
- Sleep Mode

SINGLE ZONE, COOLING ONLY, 19 SEER

- Wall mount indoor unit
- 208-230/1/60

SINGLE ZONE, 19 SEER

- Wide Angle Louvers
- Vertical auto-swing (up/down) air flow
- Powerful/Turbo Mode will run fan speed at Turbo for 20 minutes allowing for maximum cooling capacity
- Econo Mode
- Indoor Coil Blue Fin Protection allows for condensate water to move more easily into the drain pan for a cleaner indoor unit
- Detachable drain pan/removable blower for easy maintenance and cleaning
- S21 adapter included on control board for WiFi adapter (BRP072A43 - required for WiFi control from anywhere)
- Backlit LCD Wireless Remote Controller with Set Temperature Display
- Auto Fan Speed Control
- Self Diagnostics with Digital Display
- Inverter "variable speed" compressor
- Fully optimized for R410A refrigerant, recognized as the future industry standard
- Offers world-renowned Daikin technician support and customer service
- Auto Restart after Power Failure
- Blue Fin Anticorrosion protection on indoor coil AND heat exchanger fan

The Daikin 19-Series mini split systems come with a 5 year parts and compressor warranty that is expandable to 12 years parts and compressor as long as the unit is registered after installation.



Part No.	Application	Cooling			Connection Size (In.)		Dimensions (In.)			Energy Star	Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	Suction	Liquid	H	D	L			
FTK09AXVJU	Indoor	8900	19.0	12.5	3/8	1/4	11 1/3	9 27/32	30 29/32	Yes	20	\$539.66
FTK12AXVJU	Indoor	10900	19.0	12.5	3/8	1/4	11 1/3	9 27/32	30 29/32	Yes	22	\$633.18
FTK18AXVJU	Indoor	18000	18.5	12.5	1/2	1/4	11 11/16	11 1/3	39 1/2	Yes	31	\$755.72
FTK24AXVJU	Indoor	21200	19.0	12.2	5/8	1/4	11 11/16	11 1/3	39 1/2	No	31	\$825.60
RK09AXVJU	Outdoor	8900			3/8	1/4	21 11/16	11 3/16	26 1/2	Yes	57	\$934.18
RK12AXVJU	Outdoor	10900			3/8	1/4	21 11/16	11 3/16	26 1/2	Yes	64	\$1,023.40
RK18AXVJU	Outdoor	18000			1/2	1/4	27 13/32	13 13/16	36 5/8	Yes	101	\$1,739.36
RK24AXVJU	Outdoor	21200			5/8	1/4	27 13/32	13 13/16	36 5/8	No	106	\$1,849.00

SINGLE ZONE, HEAT PUMP, 19 SEER

- Wall mount indoor unit
- Operates with a minimum outdoor temperature of 5°F.

- 208-230/1/60



Part No.	Application	Cooling			Heat BTUH	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		Suction	Liquid	H	D	L		
FTX09AXVJU	Indoor	9000	19.0	12.5	10000	3/8	1/4	11 1/3	9 27/32	30 29/32	20	\$582.66
FTX12AXVJU	Indoor	12000	19.0	12.5	13500	3/8	1/4	11 1/3	9 27/32	30 29/32	22	\$635.32
FTX18AXVJU	Indoor	18000	18.5	12.5	21600	1/2	1/4	11 11/16	11 1/3	39 1/2	31	\$770.78
FTX24AXVJU	Indoor	24000	19.0	12.2	23600	5/8	1/4	11 11/16	11 1/3	39 1/2	31	\$844.96
RX09AXVJU	Outdoor	9000			10000	3/8	1/4	21 11/16	11 3/16	26 1/2	55	\$1,056.72
RX12AXVJU	Outdoor	12000			13500	3/8	1/4	21 11/16	11 3/16	26 1/2	62	\$1,205.08
RX18AXVJU	Outdoor	18000			21600	1/2	1/4	27 13/32	13 13/16	36 5/8	99	\$2,001.66
RX24AXVJU	Outdoor	24000			23600	5/8	1/4	27 13/32	13 13/16	36 5/8	106	\$2,125.28

DUCTLESS SPLIT DAIKIN



Indoor



Outdoor

Comfort

- Wide Angle Louvers
- Vertical Louver Auto Swing
- Comfortable Mode
- Powerful Mode
- Automatic Fan Speed
- Dry Mode
- Mold Proof Air Filter
- Quiet Operation Indoor Unit

Convenience

- Remote Control
- Night Set-Back Function
- Indoor Unit On/Off Switch
- Wipe Clean Indoor Unit
- Self Diagnostic Control
- Auto Restart

SINGLE ZONE, 15 AND 19 SEER

Efficiency

- Inverter Technology
- PAM Control
- Econo Mode
- 24 Hour On/Off Timer
- Stand-by Electric Savings

Durability

- Anti-Corrosion Coating
- Swing Compressor

Performance

- 208-230/1
- 14/4 Power/Control Wire
14 Gauge, 4 Insulated Conductors, Stranded/Non-Shielded
- Pre-Charged Condensing Units (33')
Add 0.22 oz/ft. for additional piping

Warranty

- 10 Year limited parts warranty with online registration
- 5 Year limited parts warranty for commercial applications

SINGLE ZONE, COOLING ONLY, 15 SEER

- This model is not suitable for low ambient cooling
- Suitable for installation in the North and South regions.

- 208-230/1/60



Part No.	Application	Cooling (BTUH)	SEER	EER	Connection Size (In.)		Line Set Max Length (Ft.)	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Suction	Liquid		H	D	L		
FTKN09NMVJU	Indoor	9000	19.0	10.4	3/8	1/4	49	11 1/4	8 3/4	30 3/8	24	\$464.40
FTKN12NMVJU	Indoor	12000	15.0	10.5	3/8	1/4	49	11 1/4	8 3/4	30 3/8	23	\$541.80
FTKN18NMVJU	Indoor	17100	15.0	12.2	1/2	1/4	98	11 5/8	10 3/8	39	38	\$569.76
FTKN24NMVJU	Indoor	22000	15.0	9.2	5/8	1/4	98	11 5/8	10 3/8	39	38	\$668.66
RKN09NMVJU	Outdoor	9000	15.0	10.4	3/8	1/4	49	21 5/8	11 3/16	26 9/16	76	\$804.10
RKN12NMVJU	Outdoor	12000	15.0	10.5	3/8	1/4	49	21 5/8	11 3/16	26 9/16	76	\$881.50
RKN18NMVJU	Outdoor	17100	15.0	12.2	1/2	1/4	98	28 15/16	12 5/8	34 1/4	97	\$1,317.96
RKN24NMVJU	Outdoor	22000	15.0	9.2	5/8	1/4	98	28 15/16	12 5/8	34 1/4	137	\$1,555.52

SINGLE ZONE, HEAT PUMP, 15 SEER

- This model is not suitable for low ambient cooling
- Hot start and auto changeover

- Suitable for installation in all regions.
- 208-230/1/60



Part No.	Application	Cooling			Heating			Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	COP	Suction	Liquid	H	D	L		
FTXN09NMVJU	Indoor	9000	15.0	10.4	9000	8.2	3.9	3/8	1/4	11 1/4	8 3/4	30 3/8	24	\$498.80
FTXN12NMVJU	Indoor	12000	15.0	10.5	12000	8.2	3.9	3/8	1/4	11 1/4	8 3/4	30 3/8	24	\$546.10
FTXN18NMVJU	Indoor	17100	15.0	12.2	18000	8.2	3.8	1/2	1/4	11 5/8	10 3/8	39	38	\$603.08
FTXN24NMVJU	Indoor	22000	15.0	9.2	22000	8.2	3.6	5/8	1/4	11 5/8	10 3/8	39	38	\$719.18
RXN09NMVJU	Outdoor	9000	15.0	10.4	9000	8.2	3.9	3/8	1/4	21 5/8	11 3/16	26 9/16	55	\$912.68
RXN12NMVJU	Outdoor	12000	15.0	10.5	12000	8.2	3.9	3/8	1/4	21 5/8	11 3/16	26 9/16	71	\$1,035.22
RXN18NMVJU	Outdoor	17100	15.0	12.2	18000	8.2	3.8	1/2	1/4	28 15/16	12 5/8	34 1/4	115	\$1,465.22
RXN24NMVJU	Outdoor	22000	15.0	9.2	22000	8.2	3.6	5/8	1/4	28 15/16	12 5/8	34 1/4	126	\$1,745.80

COOLING ONLY, 19 SEER

- Low Ambient Cooling to 14°
- Cooling Wind Baffle (Cooling to 0°
- Titanium Apatite Air Purifie
- 208-230/1/60
- Suitable for installation in all regions.



Part No.	Application	Cooling (BTUH)				Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	Voltage	Suction	Liquid	H	D	L		
FTK09NMVJU*	Indoor	9000	19.0	12.5	208-230/1/60	3/8	1/4	11 1/4	8 3/4	30 3/8	24	\$567.60
FTK12NMVJU*	Indoor	10900	19.0	12.5	208-230/1/60	3/8	1/4	11 1/4	8 3/4	30 3/8	26	\$666.50
FTK18NMVJU*	Indoor	18000	18.0	12.5	208-230/1/60	1/2	1/4	11 5/8	10 3/8	39	37	\$795.50
FTK24NMVJU*	Indoor	22000	18.0	12.5	208-230/1/60	5/8	1/4	11 5/8	10 3/8	39	37	\$868.60
RK09NMVJU*	Outdoor	9000	19.0	12.5	208-230/1/60	3/8	1/4	21 5/8	11 3/16	26 9/16	66	\$982.56
RK12NMVJU*	Outdoor	10900	19.0	12.5	208-230/1/60	3/8	1/4	21 5/8	11 3/16	26 9/16	71	\$1,077.16
RK18NMVJU*	Outdoor	18000	18.0	12.5	208-230/1/60	1/2	1/4	28 15/16	12 5/8	34 1/4	115	\$1,830.72
RK24NMVJU*	Outdoor	22000	18.0	12.5	208-230/1/60	5/8	1/4	28 15/16	12 5/8	34 1/4	126	\$1,945.76

HEAT PUMP, 19 SEER

- Low Ambient Cooling to 14°
- Cooling Wind Baffle (Cooling to 0°
- Titanium Apatite Air Purifie
- Hot start and auto changeover
- 208-230/1/60
- Suitable for installation in all regions.



Part No.	Application	Cooling			Heating			Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	COP	Suction	Liquid	H	D	L		
FTX09NMVJU*	Indoor	9000	19.0	12.5	9000	8.2	3.9	3/8	1/4	11 1/4	8 3/4	30 3/8	24	\$612.76
FTX12NMVJU*	Indoor	12000	19.0	12.5	12000	8.2	3.9	3/8	1/4	11 1/4	8 3/4	30 3/8	26	\$668.66
FTX15NMVJU*	Indoor	15000	20.0	13.0	18300		4.0	1/2	1/4	11 5/8	10 3/8	39	35	\$794.42
FTX18NMVJU*	Indoor	17100	15.0	12.5	18000	8.2	3.8	1/2	1/4	11 5/8	10 3/8	39	37	\$810.56
FTX24NMVJU*	Indoor	22000	19.0	12.5	22000	8.2	3.6	5/8	1/4	11 5/8	10 3/8	39	37	\$889.02
RX09NMVJU*	Outdoor	9000	19.0	12.5	9000	8.2	3.9	3/8	1/4	21 5/8	11 3/16	26 9/16	55	\$1,111.56
RX12NMVJU*	Outdoor	12000	19.0	12.5	12000	8.2	3.9	3/8	1/4	21 5/8	11 3/16	26 9/16	71	\$1,268.50
RX18NMVJU*	Outdoor	17100	19.0	12.5	18000	8.2	3.8	1/2	1/4	28 15/16	12 5/8	34 1/4	115	\$2,107.00
RX24NMVJU*	Outdoor	22000	19.0	12.5	22000	8.2	3.6	5/8	1/4	28 15/16	12 5/8	34 1/4	126	\$2,237.08

HEAT PUMP, COLD CLIMATE, OUTDOOR, UP TO 20 SEER

- 100% rated heating capacity to 5°F
- Remote control with backlit display included
- Titanium Apatite Air Purifie
- Hot start and auto changeover
- Also compatible with indoor units FVXS series
- 208-230/1/60



Part No.	Use with	Cooling			Heating			Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	COP	Suction	Liquid	H	D	L		
RXL09QMVJU*	FTX09NMVJU or FVX09NVJU	9000	20.0	12.5	10900	12.5	4.2	3/8	1/4	21 5/8	11 1/8	26 1/2	75	\$1,417.92
RXL15QMVJUA*	FTX15NMVJU or FVX15NVJU	15000	20.0	13.0	18300	12.5	4.0	1/2	1/4	28 15/16	12 5/8	34 1/4	106	\$2,587.52
RXL12QMVJU9*	FDMQ12RVJU	13200	18.0	11.7	13200	10.8	3.7	3/8	1/4	21 5/8	12 13/16	26 9/16	73	\$1,711.40

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT DAIKIN



Indoor



Outdoor

Features

- Automatic Changeover (heat/cool)
- Wide Angle Louvers
- Vertical Louver Auto Swing
- Automatic Fan Speed
- Titanium Apatite Air Purifier
- Remote Control with Backlit Display
- Night Set-Back Function
- Indoor Unit On/Off Switch
- Wipe Clean Indoor Unit
- Auto Restart
- 3D airflow combines vertical and horizontal autoswing to circulate cool/warm air to the corners of large spaces

WALL MOUNT, HEAT PUMP, UP TO 24.5 SEER

Efficiency

- Inverter Technology
- PAM Control
- Econo Mode
- 24 Hour On/Off Timer
- Intelligent Eye: infrared sensor with the ability to sense movement in the room

Performance

- Low Ambient Cooling to 14°
- Optional Wind Baffle Cooling to 0
- 208/230-1
- 14/4 Power/Control Wire, stranded/non-shielded
- Pre-Charged Condensing Units For up to 33' piping

Durability

- Anti-Corrosion Coating
- Swing Compressor

Warranty

- 7 Year Compressor Warranty
- 5 Year Parts



Part No.	Application	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
FTXS09LVJU*	Indoor	9000	24.5	15.3	12000		3/8	1/4	10 3/4	7 11/16	30 7/8	20	\$733.16
FTXS12LVJU*	Indoor	12000	23.0	12.8	14400		3/8	1/4	10 3/4	7 11/16	30 7/8	20	\$750.36
FTXS15LVJU*	Indoor	15000	20.6	14.4	18000		1/2	1/4	11 7/16	9 3/8	41 5/16	38	\$838.50
FTXS18LVJU*	Indoor	18000	20.3	12.7	21600		1/2	1/4	11 7/16	9 3/8	41 5/16	38	\$884.72
FTXS24LVJU*	Indoor	24000	20.0	12.5	24500		5/8	1/4	11 7/16	9 3/8	41 5/16	38	\$1,087.90
RXS09LVJU*	Outdoor	9000			12000	12.5	3/8	1/4	21 11/16	10 3/4	25 15/16	75	\$1,546.92
RXS12LVJU*	Outdoor	12000			14400	12.5	3/8	1/4	21 11/16	10 3/4	25 15/16	75	\$1,854.38
RXS15LVJU*	Outdoor	15000			18000	11.6	1/2	1/4	23 7/16	11 13/16	31 5/16	106	\$2,437.02
RXS18LVJU*	Outdoor	18000			21600	11.0	1/2	1/4	23 7/16	11 13/16	31 5/16	106	\$2,746.62
RXS24LVJU*	Outdoor	24000			24500	10.6	5/8	1/4	23 7/16	11 13/16	31 5/16	157	\$2,990.66

WALL MOUNT, COOL/HEAT PUMP, UP TO 17.5 SEER, NV SERIES

- Titanium Apatite AirPurifier
- Hot Start and Auto Changeover
- 3-D Airflow
- Wide-Angle Louvers
- Powerful Mode
- Automatic Fan Speed
- Dry Mode
- Mold-Proof Air Filter
- Power Dual Flaps
- Intelligent Eye
- Inverter Technology
- PAM Control
- Econo Mode
- 24-Hour On/Off Timer
- Standby Electric Savings
- Weekly Timer
- Anti-Corrosion Coating
- Daikin Swing Compressor
- Remote Control with Backlit Display
- Night Set-Back Function
- Indoor Unit On/Off Switch
- Wipe-Clean Indoor Unit
- Self-Diagnostic Control
- Auto Restart
- Precharged Condensing Units (33'); Adjust Charge .32 oz/ft
- RKNMVJU units (cooling only): low ambient cooling to -22°F with option wind baffle
- 208-230/1/60



Part No.	Use with	Cooling			Heat BTUH	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		Suction	Liquid	H	D	L		
FTX30NVJU*	RK30NMVJU, RX30NMVJU	31400	17.5	9.85	34800	5/8	1/4	13 3/8	10 3/16	47 1/4	40	\$1,201.86
FTX36NVJU*	RK36NMVJU, RX36NMVJU	34400	15.9	9.1	36000	5/8	1/4	13 3/8	10 3/16	47 1/4	40	\$1,452.32

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

Split System Features



Type		Single Split										Multi-Split						
		17		19		LV	Emura	Aurora	FDMQ	FFQ	Q							
		Cool Only	Heat Pump	Cool Only	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump						
Models		FTKBAXVJU	FTXBAXVJU	FTK_NMVJ	FTX_NMVJ	FTXS_LV	FTXR	FXS	FDMQ	FFQ_LV	FTXG_H	FFQ	FDXS_LV	CDXS_LV	CTXS_H	CTXS_LV	FTXS_LV	CTXG
Regional Compliance		NS	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
Warranty		10	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
 	Pulse Amplitude Modulation	●	●	●	●	●	●	●	●		●							
	Power Airflow Dual Flaps					●	●				●				●	●	●	●
	Wide Angle Louvers					●	●				●				●	●	●	●
	Vertical Auto Swing (up and down)	●	●	●	●	●	●			●	●	●			●	●	●	●
	Horizontal Auto Swing (left and right)					●	●				●				●	●	●	●
	3-D Airflow					●	●				●				●	●	●	●
	Comfortable Mode	●	●	●	●	●	●				●					●	●	
 	Indoor Unit Quiet Operation	●	●	●	●	●	●				●		●	●	●	●	●	
	Outdoor Unit Quiet Operation					●	●			●		●	●	●	●	●	●	
	Intelligent Eye					●	●								●	●	●	●
	Automatic Operation	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Program Dry Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Auto Fan Speed	●	●	●	●	●	●	●			●		●	●	●	●	●	●
	Hot Start	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
 	Mold-Proof Air Filter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Air-Purifying Filter with Photocatalytic Deodorizing Function														●			
	Titanium Apatite Photocatalytic Air-Purifying Function			●	●	●	●				●					●	●	●
	Flash Streamer										●							
	Wipe-clean Flat Panel	●	●	●	●	●	●	●			●				●	●	●	
 	Standby Electricity Saving	●	●	●	●	●	●	●					●	●			●	
	Econo Mode	●	●	●	●	●	●	●					●	●		●	●	
	Powerful Operation	●	●	●	●	●	●	●	●		●		●	●	●	●	●	
	Remote Controller with Backlit Display			●	●	●	●	●					●	●	●	●	●	
	LCD Wireless Remote Control	●	●	●	●	●	●	●			●		●	●	●	●	●	
	Home Leave Operation														●			
	Indoor Unit On/Off Switch	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	
	 	24-Hour On/Off Timer					●	●	●		●		●	●	●	●	●	
		Weekly Timer					●										●	●
	Night Set Mode	●	●	●	●	●	●	●			●		●	●	●	●	●	
	 	Auto Restart after Power Failure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Self-Diagnosis with Digital Display		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anti-Corrosion Treatment of Outdoor Heat Exchanger Fin		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

DUCTLESS SPLIT DAIKIN



Indoor



Outdoor

Features

- Automatic Changeover (heat/cool)
- Wide Angle Louvers
- Vertical Louver Auto Swing
- Automatic Fan Speed
- Titanium Apatite Air Purifier
- Remote Control with Backlit Display
- Night Set-Back Function
- Indoor Unit On/Off Switch
- Wipe Clean Indoor Unit
- Auto Restart
- 3D airflow combines vertical and horizontal autoswing to circulate cool/warm air to the corners of large spaces
- Cooling Breeze
- Comfort Sleep
- Air Purifying Operation
- Horizontal Auto Swing Louvers

WALL MOUNT, HEAT PUMP, QUATERNITY, 26 SEER

- Power Air Flow Dual Flaps
- Temperature and Humidity Display
- Countdown Off Timer
- Child Proof Lock
- Multi-Colored Indicator
- Filter Cleaning Indicator
- Dry Operation
- Flash Streamer IAQ

Efficiency

- Inverter Technology
- PAM Control
- Econo Mode
- 24 Hour On/Off Timer

Performance

- Low Ambient Cooling to 14°
- 208/230-1
- 14/4 Power/Control Wire
- Pre-Charged Condensing Units For up to 33' piping

Durability

- Anti-Corrosion Coating
- Swing Compressor

Warranty

- 7 Year Compressor Warranty
- 5 Year Parts



Part No.	Application	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
FTXG09HVJU*	Indoor	9000	26.1	15.8	12000		3/8	1/4	12	8 7/32	35 1/32	31	\$1,290.00
FTXG12HVJU*	Indoor	12000	24.2	14.0	16000		3/8	1/4	12	8 7/32	35 1/32	39	\$1,434.06
FTXG15HVJU*	Indoor	15000	21.0	12.9	18000		3/8	1/4	12	8 7/32	35 1/32	39	\$1,530.80
RXG09HVJU*	Outdoor	9000			12000	11.0	3/8	1/4	22 3/8	11 1/4	31 5/16	99	\$2,659.56
RXG12HVJU*	Outdoor	12000			16000	10.55	3/8	1/4	22 3/8	11 1/4	31 5/16	99	\$2,844.46
RXG15HVJU*	Outdoor	15000			18000	10.0	3/8	1/4	22 3/8	11 1/4	31 5/16	99	\$2,924.00

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TECH TOOLS PAGE

 *WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



Daikin's 2-port, 3-port, and 4-port multi-split systems can serve up to four rooms from a single outdoor unit. With indoor unit options consisting of streamlined wall mount units, built-in slim duct units, or a combination of both, multi-split systems offer over 1,000 possible connection combinations, creating a flexible, powerful and energy efficient system

Features

- Priority Room Settings
- Operation Mode Priority
- Quiet Operation Priority
- Automatic Changeover (heat/cool)
- Wide Angle Louvers

MULTI HEAT PUMP, OUTDOOR

Warranty

- 12 Year Compressor Warranty
- 12 Year Parts

Efficiency Rating

2MXS18NMVJU

Non Ducted Indoor: 18.5 SEER, 12.5 EER

Ducted Indoor: 14.1 SEER, 9.5 EER

Mixed Indoor: 16.45 SEER, 11 EER

3MXS24NMVJU

Non Ducted Indoor: 17.9 SEER, 12.7 EER

Ducted Indoor: 14.0 SEER, 9.7 EER

Mixed Indoor: 15.95 SEER, 11.2 EER

MULTI HEAT PUMP

- Powerful Mode
- Automatic Fan Speed
- Dry Mode
- 3D airflow combines vertical and horizontal autoswing to circulate cool/warm air to the corners of large spaces
- Remote Control with Backlit Display
- Night Set-Back Function
- Indoor Unit On/Off Switch
- Wipe Clean Indoor Unit
- Auto Restart

Efficiency

- Inverter Technology
- Econo Mode
- 24 Hour On/Off Timer
- Intelligent Eye: infrared sensor with the ability to sense movement in the room (CTXS, FTXS Only)

Performance

- 208/230-1
- 14/3 Power/Control Wire
- Always Size Line Set to Match Indoor Unit
- Bushings are Included (1: 3/8" - 1: 1/2" - 2: 5/8")
- OK to Substitute Multi Zone Slim Duct of Equal Size

Durability

- Anti-Corrosion Coating
- Swing Compressor

3MXS24NMVJU

Non Ducted Indoor: 17.7 SEER, 9.2 EER

Ducted Indoor: 15.85 SEER, 8.5 EER

Mixed Indoor: 14.79 SEER, 8.2 EER

Per AHRI the certified ratings for variable speed, multi-split systems are valid for all combinations of indoor units with the specific outdoor unit listed above and in the AHRI D.C.E.

- 208-230/1/60



Part No.	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
5MXS48TVJU*	47000	20.2	10.5	48500	11.1	3/8, 1/2 x 2, 5/8 x 2	1/4 x 5	34 1/4	18 1/8	43 5/16	236	\$6,125.36
2MXS18NMVJUA*	18000	18.9	12.5	25000	10.7	3/8	1/4	29	12 5/8	34 1/4	137	\$3,111.06
3MXS24RMVJUA*	30000	18.0	12.7	36000	12.5	3/8, 1/2 x 2	1/4 x 3	28 15/16	12 5/8	34 1/4	141	\$4,012.98
4MXS36RMVJUA*	38000	17.7	9.2	43000	12.2	3/8, 1/2 x 2, 5/8	1/4 x 4	28 15/16	12 5/8	34 1/4	146	\$4,554.78

MULTI HEAT PUMP, WALL MOUNT, INDOOR

Warranty

- 7 Year Compressor Warranty
- 5 Year Parts
- 1 Year Labor

- 208-230/1/60



Part No.	Use with	Cooling			Heat BTUH	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		Suction	Liquid	H	D	L		
CTXS07LVJU*	2MXS18GVJU, 3MXS24JVJU, 4MXS32GVJU	7000	19.5	12.6	8500	3/8	1/4	11 5/8	8 9/16	31 1/2	29	\$647.16

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT DAIKIN



MULTI HEAT PUMP, CONCEALED DUCT, INDOOR

Warranty

- 7 Year Compressor Warranty
- 5 Year Parts
- 1 Year Labor
- 208-230/1/60



Part No.	Cooling	Heating	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	BTUH	BTUH	Suction	Liquid	H	D	L		
FDXS09LVJU*	8500	10000	3/8	1/4	7 7/8	24 7/16	27 9/16	64	\$1,241.62
FDXS12LVJU*	11500	11500	3/8	1/4	7 7/8	24 7/16	27 9/16	64	\$1,283.56
CDXS15LVJU*	15000	18000	1/2	1/4	7 7/8	24 7/16	27 9/16	75	\$1,516.82
CDXS18LVJU*	18000	21600	1/2	1/4	7 7/8	24 7/16	27 9/16	75	\$1,698.50
CDXS24LVJU*	21000	25400	1/2	1/4	7 7/8	24 7/16	27 9/16	80	\$1,819.98



MULTI HEAT PUMP, CONCEALED DUCT, INDOOR

- Energy Efficient – Up to 20.2 SEER, up to 10.6 HSPF, up to 12.7 EER – Variable Speed Inverter Compressor
- Cooling Range 50° - 115° F (Extended operation to -4° - 115°F with facility setting and air adjustment grille)
- Auto-Fan Speed control (with wired controller)
- Self-Diagnostics with digital display
- Drain Pan Inspection Port
- Integral Lift Mechanism
- Auto Restart After Power Failure
- Anti-Corrosion Heat Exchanger Treatment
- Quick Warming Function
- Hot Start Function
- Automatic Defrosting
- Compatible with DKN Cloud Wi-Fi Adaptor



Part No.	Use with	Cooling			Heating			Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	COP	Suction	Liquid	H	D	L		
FDMQ09RVJU*	RX09RMVJU9	9000	17.8	11.1	10900	10.3	4.1	3/8	1/4	9 5/8	31 1/2	27 9/16	60	\$1,421.16
FDMQ12RVJU*	RX12RMVJU9	10800	19.4	11.6	13600	10.6	3.7	3/8	1/4	9 5/8	31 1/2	27 9/16	68	\$1,460.92
FDMQ15RVJU*	RX15RMVJU	14400	20.2	12.7	18000	10.3	3.8	1/2	1/4	9 5/8	31 1/2	39 3/8	77	\$1,653.36
FDMQ18RVJU*	RX18RMVJU9	17600	18.5	12.5	21600	10.3	3.8	1/2	1/4	9 5/8	31 1/2	39 3/8	82	\$1,974.78
FDMQ24RVJU*	RX24RMVJU	21800	18.6	12.5	24000	10	3.8	5/8	1/4	9 5/8	31 1/2	39 3/8	82	\$2,144.62

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

2/3/4/5 MXS MULTI-SPLIT SYSTEM MATCHES

Outdoor Model	Indoor Unit Combination (BTU)	
	2-Zone	5-Zone
	7+7	7+7+7+7
	7+9	7+7+7+9
	9+9	7+7+7+12
2MXS18NMVJU	7+12	7+7+7+15
2MXL18QMVIU	7+15	7+7+7+18
	9+12	7+7+7+24
	9+15	7+7+9+9
	12+12	7+9+12

Bold = Match is available for NMVJU & QMVIU outdoor models only.

Outdoor Model	Indoor Unit Combination (BTU)	
	2-Zone	3-Zone
	7+7	7+7+7
	7+9	7+7+9
	7+12	7+7+12
	7+15	7+7+15
	7+18	7+7+18
	9+9	7+9+9
	9+12	7+9+12
	9+15	7+9+15
	9+18	7+9+18
	12+12	7+12+12
	12+15	7+12+15
	12+18	7+12+18
	15+15	7+15+15
	15+18	9+9+9
	18+18	9+9+12
		9+9+15
		9+9+18
		9+12+12
		9+12+15
		9+12+18
		9+15+15
		9+15+18
		9+18+18



Outdoor Model	Indoor Unit Combination (BTU)			
	2-Zone	3-Zone	4-Zone	5-Zone
	7+7	7+7+7	7+7+7+7	7+7+7+7+7
	7+9	7+7+9	7+7+7+9	7+7+7+7+9
	7+12	7+7+12	7+7+7+12	7+7+7+7+12
	7+15	7+7+15	7+7+7+15	7+7+7+7+15
	7+18	7+7+18	7+7+7+18	7+7+7+7+18
	9+9	7+7+24	7+7+7+24	7+7+7+7+24
	9+12	7+9+9	7+7+9+9	7+7+7+7+9+9
	9+15	7+9+12	7+7+9+12	7+7+7+7+9+12
	9+18	7+9+15	7+7+9+15	7+7+7+7+9+15
	12+12	7+9+18	7+7+9+18	7+7+7+7+9+18
	12+15	7+9+24	7+7+9+24	7+7+7+7+9+24
	12+18	7+12+12	7+7+12+12	7+7+7+7+12+12
	15+15	7+12+15	7+7+12+15	7+7+7+7+12+15
	15+18	7+12+18	7+7+12+18	7+7+7+7+12+18
	18+18	7+12+24	7+7+12+24	7+7+7+7+12+24
	18+24	7+15+15	7+7+15+15	7+7+7+7+15+15
	24+24	7+15+18	7+7+15+18	7+7+7+7+15+18
		7+18+18	7+9+9+9	7+7+9+9+9
		9+9+9	7+9+9+12	7+7+9+9+12
		9+9+12	7+9+9+15	7+7+9+9+15
		9+9+15	7+9+9+18	7+7+9+9+18
		9+9+18	7+9+12+12	7+7+9+9+12+12
		9+12+12	7+12+12+12	7+7+9+9+12+12
		9+12+15	7+12+12+15	7+7+9+9+12+15
		9+12+18	7+12+12+18	7+7+9+9+12+18
		9+15+15	7+15+15+15	7+7+9+9+15+15
		9+15+18	7+15+15+18	7+7+9+9+15+18
		9+18+18	7+18+18+18	7+7+9+9+18+18
		12+12+12	9+9+12+12	7+7+9+9+12+12
		12+12+15	9+9+12+15	7+7+9+9+12+15
		12+12+18	9+9+12+18	7+7+9+9+12+18
		12+15+15	9+9+15+15	7+7+9+9+15+15
		12+15+18	9+9+15+18	7+7+9+9+15+18
		12+18+18	9+9+18+18	7+7+9+9+18+18
		12+18+24	9+9+18+24	7+7+9+9+18+24
		15+15+15	9+9+15+15	7+7+9+9+15+15
		15+15+18	9+9+15+18	7+7+9+9+15+18
		15+18+18	9+9+18+18	7+7+9+9+18+18
		18+18+18	9+9+18+18	7+7+9+9+18+18

Outdoor Model	Indoor Unit Combination (BTU)			
	2-Zone	3-Zone	4-Zone	5-Zone
	7+24	7+7+24	7+7+7+24	7+7+7+7+24
	9+9	7+9+9	7+7+9+9	7+7+7+9+9
	9+12	7+9+12	7+7+9+12	7+7+7+9+12
	9+15	7+9+15	7+7+9+15	7+7+7+9+15
	9+18	7+9+18	7+7+9+18	7+7+7+9+18
	9+24	7+9+24	7+7+9+24	7+7+7+9+24
	12+12	7+12+12	7+7+12+12	7+7+7+12+12
	12+15	7+12+15	7+7+12+15	7+7+7+12+15
	12+18	7+12+18	7+7+12+18	7+7+7+12+18
	12+24	7+12+24	7+7+12+24	7+7+7+12+24
	15+15	7+15+15	7+7+15+15	7+7+7+15+15
	15+18	7+15+18	7+7+15+18	7+7+7+15+18
	18+18	7+18+18	7+7+18+18	7+7+7+18+18
	18+24	7+18+24	7+7+18+24	7+7+7+18+24
	24+24	7+24+24	7+7+24+24	7+7+7+24+24
		7+9+9	7+7+9+9	7+7+7+9+9
		9+9+12	7+9+9+12	7+7+7+9+12
		9+9+15	7+9+9+15	7+7+7+9+15
		9+9+18	7+9+9+18	7+7+7+9+18
		9+9+24	7+9+9+24	7+7+7+9+24
		12+12	7+12+12	7+7+7+12+12
		12+15	7+12+15	7+7+7+12+15
		12+18	7+12+18	7+7+7+12+18
		15+15	7+15+15	7+7+7+15+15
		15+18	7+15+18	7+7+7+15+18
		18+18	7+18+18	7+7+7+18+18
		18+24	7+18+24	7+7+7+18+24
		24+24	7+24+24	7+7+7+24+24
		7+9+9	7+7+9+9	7+7+7+9+9
		9+9+12	7+9+9+12	7+7+7+9+12
		9+9+15	7+9+9+15	7+7+7+9+15
		9+9+18	7+9+9+18	7+7+7+9+18
		9+9+24	7+9+9+24	7+7+7+9+24
		12+12	7+12+12	7+7+7+12+12
		12+15	7+12+15	7+7+7+12+15
		12+18	7+12+18	7+7+7+12+18
		15+15	7+15+15	7+7+7+15+15
		15+18	7+15+18	7+7+7+15+18
		18+18	7+18+18	7+7+7+18+18
		18+24	7+18+24	7+7+7+18+24
		24+24	7+24+24	7+7+7+24+24
		7+9+9	7+7+9+9	7+7+7+9+9
		9+9+12	7+9+9+12	7+7+7+9+12
		9+9+15	7+9+9+15	7+7+7+9+15
		9+9+18	7+9+9+18	7+7+7+9+18
		9+9+24	7+9+9+24	7+7+7+9+24
		12+12	7+12+12	7+7+7+12+12
		12+15	7+12+15	7+7+7+12+15
		12+18	7+12+18	7+7+7+12+18
		15+15	7+15+15	7+7+7+15+15
		15+18	7+15+18	7+7+7+15+18
		18+18	7+18+18	7+7+7+18+18
		18+24	7+18+24	7+7+7+18+24
		24+24	7+24+24	7+7+7+24+24

DUCTLESS SPLIT DAIKIN



MULTI HEAT PUMP, AURORA™, COLD CLIMATE, OUTDOOR

The MXL line is designed to operate at a higher capacity than its standard alternative. These units are designed to operate in colder climates, down to -13°F with the available drain pan heater and with 100% heating capacity down to 5°F standard.

Daikin's 2-port and 3-port multi-split systems can serve up to 3 rooms from a single outdoor unit. Indoor units can be mixed and matched with three different types of units consisting of Wall Mounted, Concealed Ducted, 2X2 Cassettes and Floor Standing providing maximum installation flexibility.

- Fully optimized for R-410A refrigerant
- Inverter compressor
- 208/230/1 Power supply
- Cooling operating range: 14 to 115°F (w/ jumper cut)

- Heating operating range: -13 to 60°F (w/ drain pan heater as applicable)
- Up to 100% of rated heating capacity at 5°F
- Outdoor sound pressures as low as 50 dB(A)
- Outdoor unit quiet operation
- Auto changeover
- Econo Mode
- 208-230/1/60
- Auto fan speed control
- Self diagnostics with digital display
- Auto restart after power failure
- Anti-corrosion treatment on heat exchanger

Warranty

- 12 Year Compressor Warranty
- 12 Year Parts



Part No.	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
4MXL36TVJU*	34400	21.7	12.5	36600	11.2	3/8 x 1, 1/2 x 2, 5/8 x 1	1/4 x 4	34 1/4	18 1/8	43 5/16	136	\$5,874.88
2MXL18QMVJUA*	18000	17.0	12.7	18900	10.3	3/8	1/4	29	12 5/8	34 1/4	137	\$3,499.12
3MXL24RMVJUA*	30000	18.0	12.7	36000	12.5	3/8 x 1, 1/2 x 2	1/4 x 3	29	12 5/8	34 1/4	141	\$4,354.82



EmuraWhite

MULTI HEAT PUMP, WALL MOUNT, INDOOR, EMURA™

Emura, the next generation of home air conditioning is available for Multi-Zone combinations, offering smart technology within a sleek, curved silhouette. Daikin Emura is designed to satisfy a uniquely "Designer" sense of style.

- Indoor Sound Pressure as low as 21 dB(A)
- Intelligent Eye
- Power airflow dual flaps and 3-D Airflow
- Titanium Apatite Photocatalytic Air Purifying Filter
- Weekly Timer
- Program Dry Function

- Econo Mode
- Comfort Mode
- Powerful Operation Mode
- Backlit Wireless Remote Controller
- Optional Features
- Wired controller
- Compatible with Daikin Comfort App (adapter required)
- Ideal for
- Renovations, remodeling and new construction
- Sun rooms, basements, garages, hot or cold rooms, attics where the walls tend to be lower, or wherever wall space is at a premium
- Ceiling void or attic does not allow for a viable duct run option



Part No.	Cooling		Heating		Connection Size (In.)		Dimensions (In.)			Color	Ship Wgt (Lbs.)	Price
	BTUH		BTUH	Voltage	Suction	Liquid	H	D	L			
CTXG09QVJUW*	9000		9000	208-230/1/60	3/8	1/4	11 15/16	8 3/8	39 5/16	White	36	\$921.28
CTXG12QVJUS*	12000		12000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	Silver	36	\$1,106.18
CTXG12QVJUW*	12000		12000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	White	36	\$1,064.26
CTXG18QVJUS*	18000		18000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	Silver	36	\$1,389.98
CTXG18QVJUW*	18000		18000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	White	36	\$1,346.98
FTXR09TVJUS*	9000		9000	208-230/1/60	3/8	1/4	11 15/16	8 3/8	39 5/16	Silver	36	\$964.28
FTXR09TVJUW*	9000		9000	208-230/1/60	3/8	1/4	11 15/16	8 3/8	39 5/16	White	36	\$921.28
FTXR12TVJUS*	12000		12000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	Silver	36	\$1,106.18
FTXR12TVJUW*	12000		12000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	White	36	\$1,064.26
FTXR18TVJUS*	18000		18000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	Silver	36	\$1,389.98
FTXR18TVJUW*	18000		18000	208-230/1/60	1/2	1/4	11 15/16	8 3/8	39 5/16	White	36	\$1,346.98

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



FFQ0VJU

VISTA™, SINGLE ZONE, 2' X 2' CEILING CASSETTE, INDOOR

- 3D Airflo , Auto Swing Louvers
- Titanium Apatite Photo Catalytic Filter
- 2, 3 or 4 Way Airflo
- Intelligent eye infrared movement sensor
- 208-230/1/60
- Self Diagnostic
- Auto Restart
- Outside Air Knockouts
- Pre Charged for Outdoor Unit and 33'
- Piping (Adj .22 oz/ft)
- Inverter Technology
- Anti Corrosion Coating
- Daikin Swing Compressor
- Shown with decorative panel (sold separately)



Part No.	Use with	Cooling			Heating	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	Suction	Liquid	H	D	L		
FFQ09Q2VJU*	RX09QMVJU	9000	20.9	13.0	10000	3/8	1/4	10 1/4	22 5/8	22 5/8	40	\$1,199.70
FFQ12Q2VJU*	RX12QMVJU	10800	20.2	12.5	13500	3/8	1/4	10 1/4	22 5/8	22 5/8	40	\$1,286.78
FFQ15Q2VJU*	RX15QMVJU	14400	20.7	12.5	16200	1/2	1/4	10 1/4	22 5/8	22 5/8	40	\$1,579.18
FFQ18Q2VJU*	RX18QMVJU	17400	19.3	12.5	21600	1/2	1/4	10 1/4	22 5/8	22 5/8	42	\$1,755.48



FVXS

INDOOR, FLOOR STANDING UNIT

- Matches with MXS and RMXS multi-port models and the RXLQMVJU models
- 208-230/1/60
- Its low height enables the unit to fit perfectly beneath a window
- Can be installed against a wall or recessed
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- Compatible with optional Daikin ENVi Wi-Fi capable Smart Control
- 12 Year limited parts warranty with online registration
- 5 Year limited parts warranty for commercial applications



Part No.	Nominal Tons	Capacity (BUTH)		Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating	Suction	Liquid		H	W	D		
FVXS09NVJU*	3/4	9000	9000	3/8	1/4	290	23 5/8	27 1/2	8 1/4	31	\$1,113.70
FVXS12NVJU*	1	12000	12000	3/8	1/4	300	23 5/8	27 1/2	8 1/4	31	\$1,231.96
FVXS15NVJU*	1 1/4	15000	12000	1/2	1/4	417	23 5/8	27 1/2	8 1/4	31	\$1,244.86
FVXS18NVJU*	1 1/2	18000	18000	1/2	1/4	378	23 5/8	27 1/2	8 1/4	31	\$1,351.28



RX12RMVJU9

OUTDOOR UNIT

- 208-230/1/60



Part No.	Use with	Cooling		Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	BTUH	HSPF	HSPF	Suction	Liquid	H	D	L		
RX09RMVJU9*	FDMQ09RVJU, FTXR09TVJUW, FTXR09TVJUS, FFQ09Q2VJU	9000	10900	10.3	10.3	3/8	1/4	21 5/8	11 3/16	26 9/16	64	\$1,292.16
RX12RMVJU9*	FDMQ12RVJU, FTXR12TVJUW, FTXR12TVJUS, FFQ12Q2VJU	10800	10900	10.6	10.6	3/8	1/4	21 5/8	11 3/16	26 9/16	66	\$1,727.52
RX15RMVJU*	FDMQ15RVJU, FTXR15TVJUW, FTXR15TVJUS, FFQ15Q2VJU	14400	18000	10.3	10.3	1/2	1/4	28 15/16	12 5/8	34 1/4	77	\$2,047.88
RX18RMVJU9*	FDMQ18RVJU, FTXR18TVJUW, FTXR18TVJUS, FFQ18Q2VJU	17600	21600	10.3	10.3	1/2	1/4	28 15/16	12 5/8	34 1/4	107	\$2,347.80
RX24RMVJU*	FDMQ24RVJU, FTXR24TVJUW, FTXR24TVJUS, FFQ24Q2VJU	21800	24000	10	10	5/8	1/4	28 15/16	12 5/8	34 1/4	82	\$2,733.72

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

DUCTLESS SPLIT DAIKIN

8-ZONE MULTI

The Super Multi PLUS is a High Efficiency solution with optimum flexibility. The system offers comfortable zoning capabilities with the ability to connect from 2 up to 8 indoor units with ease utilizing long pipe lengths, standardized line-sets, simplified electrical requirements and staged installations. The outdoor unit and BP units operate from separate 208/230V single-phase power supplies. Indoor units are powered from the BP unit

and wired as Daikin's current 4 wire single split systems reducing the wiring size and easing installation

Daikin's Super Multi Plus offers more than 60% in physical space savings and more than 80% in total (including clearances) space savings compared to conventional outdoor units, providing a streamlined solution for limited spaces.



RMXS48LVJU

8-ZONE MULTI, OUTDOOR

- Superior flexibility with the choice of three indoor unit types for ideal comfort designed for any décor.

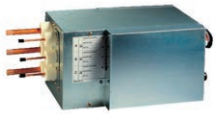
- Individual zone control with standard wireless controls, optional wired controls, or the new Daikin ENVi intelligent thermostat.

Efficiency Rating

- Non Ducted: 18.8 SEER, 10.3 EER
- Ducted: 14.1 SEER, 9.3 EER
- Mixed: 16.5 SEER, 9.8 EER



Part No.	Cooling			Heating		Voltage	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
	BTUH	SEER	EER	BTUH	HSPF		Suction	Liquid	H	D	L		
RMXS48LVJU*	48000	18.8	10.3	54000	11.3	208-230/1/60	3/8, 1/2, 5/8	1/4	52 15/16	12 5/8	35 7/16	283	\$6,104.92



BPMKS

8-ZONE MULTI, BRANCH PORT UNIT

The Branch Port (BP) unit varies the refrigerant volume to meet the cooling or heating requirements. It's easy to disassemble and makes repairs and recycling simple. Choose from

2-zone or 3-zone BP units to match the system selection to individual requirements.



Part No.	Capacity (BTUH)	Nb. of Connectable Indoor Units	Connection Size (In.)		Dimensions (In.)			Price
			Suction	Liquid	H	D	L	
BPMKS048A2U*	Up to 48000	1 to 2	5/8 x 2, 5/8 x 2	1/4 x 2, 1/4 x 2	7 1/16	13 3/4	11 9/16	\$922.36
BPMKS049A3U*	Up to 62000	1 to 3	5/8 x 3, 5/8 x 3	1/4 x 3, 1/4 x 3	7 1/16	13 3/4	11 9/16	\$1,154.56

AIR HANDLING UNIT, COOL/HEAT PUMP

- Upflow downflow, horizontal left or horizontal right configurations for the indoor unit
- Designed for zero clearance on three sides and only 24" clearance on the front for service
- 100% heating capacity at -4F on systems up to 3 tons, without electrical heat

- Field-installed electric heater options available from 3 kW to 19 kW
- Factory installed disconnect switch



Part No.	Use with	Cooling		Heating		Voltage	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	BTUH	HSPF		Suction	Liquid	H	D	L		
FTQ18TAVJUA*	RZR18TAVJU, RZQ18TAVJU	18000	15.5	20000	8.6	208-230/1/60	5/8	3/8	45	21	17.5	115	\$2,874.56
FTQ24TAVJUA*	RZR24TAVJU, RZQ24TAVJU	24000	15.2	27000	8.6	208-230/1/60	5/8	3/8	45	21	17.5	115	\$3,020.76
FTQ30TAVJUA*	RZR30TAVJU, RZQ30TAVJU	30000	16.0	34000	10.4	208-230/1/60	5/8	3/8	45	21	17.5	115	\$3,174.48
FTQ36TAVJUA*	RZR36TAVJU, RZQ36TAVJU	36000	15.3	40000	9.5	208-230/1/60	5/8	3/8	45	21	17.5	140	\$3,335.72
FTQ42TAVJUA*	RZR42TAVJU, RZQ42TAVJU	42000	16.0	40000	9	208-230/1/60	5/8	3/8	53.4	21	21	150	\$3,507.72

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SkyAir is the ultimate ducted and duct free solution for light commercial and residential whole house applications. Ranging from 18,000 Btu/h to 42,000 Btu/h, these innovative systems provide energy efficiency, technological reliability and installation flexibility.

Key features and benefits include:

- DC fan motor improves efficiency compared to conventional AC motors.
- Aero spiral fan and grille minimizes turbulence and increases sound reduction.
- Reluctance brushless DC compressor increases efficiency.
- Swing compressor with friction reduction and quieter rotation or scroll compressor with robust and low sound design provides maximum durability.
- Long piping lengths up to 230 ft. allow layout flexibility.
- Anti-corrosion treatment on the outdoor heat exchanger increases durability.



SkyAir Features



		SkyAir					
Type		Cool Only and Heat Pump					
Models		FTXS	FAQ	FBQ	FCQ	FHQ	FTQ
Regional Standards Compliance A/C *		*	*	*	*	*	*
Regional Standards Compliance Heat Pump		ALL	ALL	ALL	ALL	ALL	ALL
Warranty		10	10	10	10	10	10
Comfortable Airflow	Pulse Amplitude Modulation	•	•	•	•	•	•
	Power Airflow Dual Flaps	•					
	Wide-Angle Louvers	•					
	Vertical Auto Swing (up and down)	•	•		•	•	
	Horizontal Auto Swing (left and right)	•					
	3-D Airflow	•					
Comfort Control	Comfortable Mode	•					
	Indoor Unit Quiet Operation	•					
	Outdoor Unit Quiet Operation	•	•	•	•	•	•
	Intelligent Eye	•					
	Automatic Operation (heat pump only)	•	•	•	•	•	•
	Program Dry Function	•	•	•	•	•	•
Healthy	Auto Fan Speed	•					
	Hot Start (heat pump only)	•	•	•	•	•	•
	Mold-Proof Air Filter	•	•	•	•	•	•
	Titanium Apatite Photocatalytic Air Purifying Function	•					
	Wipe-Clean Flat Panel	•					
	Standby Electricity Saving	•					
Lifestyle	Econo Mode	•					
	Powerful Operation	•					
	Remote Controller with Backlit Display	•	◆	◆	◆	◆	◆
	LCD Wireless Remote Control	•	○	○		○	
	Indoor Unit On/Off Timer	•	•	•	•	•	•
	24-Hour On/Off Timer	•	•	◆	◆	◆	◆
Timers	Weekly Timer	•	◆	◆	◆	◆	◆
	Night Set Mode	•	◆	◆	◆	◆	◆
	Auto Restart after Power Failure	•	•	•	•	•	•
	Self-Diagnosis with Digital Display	•	•	•	•	•	•
	Anti-Corrosion Treatment of Outdoor Heat Exchanger Fin	•	•	•	•	•	•

• Standard Feature

○ Optional Feature

◆ With BRC1E73 Controller

* Some sizes may be compliant in the Southwest. Refer to individual specs for details.

DUCTLESS SPLIT DAIKIN



COMMERCIAL, CONCEALED DUCT, COOL/HEAT PUMP, INDOOR

- Slim duct models are designed for low static duct systems
 - Medium external static pressure (ESP) capabilities offer up to 0.8" W.G.
 - 208-230/1/60
 - DC fan motor provides improved efficiency
 - Three user selected fan speeds available plus fan Auto logic
 - Built-in condensate pump
 - Bottom access for easy service
 - Low profile design at less than 12" high
 - Optional wired controller
- Cooling only 2015 models are not compliant with Southwest standard.



Part No.	Use with	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
FBQ18PVJU*	RZQ18PVJU, RZQ18PVJU9	18000	17.5	14.1	20000	10.6	1/2	1/4	11 13/16	27 9/16	39 3/8	80	\$1,754.40
FBQ24PVJU*	RZQ24PVJU, RZQ24PVJU9	24000	16.5	12.0	27000	10.5	5/8	3/8	11 13/16	27 9/16	39 3/8	80	\$2,347.80
FBQ30PVJU*	RZQ30PVJU, RZQ30PVJU9	30000	16.0	10.5	34000	9.2	5/8	3/8	11 13/16	27 9/16	39 3/8	80	\$2,466.06
FBQ36PVJU*	RZQ36PVJU, RZQ36PVJU9	36000	17.5	11.2	40000	9.1	5/8	3/8	11 13/16	27 9/16	55 1/8	102	\$2,556.36
FBQ42PVJU*	RZQ42PVJU, RZQ42PVJU9	42000	16.0	10.2	47000	8.8	5/8	3/8	11 13/16	27 9/16	55 1/8	102	\$2,761.68
FBQ48PVJU*	RZQ48PVJU, RZQ48PVJU9	48000	14.0	8.6	54000	8.4	5/8	3/8	11 13/16	27 9/16	55 1/8	102	\$2,983.12



COMMERCIAL, WALL MOUNT, COOL/HEAT PUMP

- Dry mode
 - Mold proof air filter
 - Self diagnostic
 - Auto restart
 - PAM control
 - Power airflow dual flaps and auto swing louve
 - Standard wireless controller (FTXS, optional with FAQ)
 - Cooling to 0° with optional wind baffle
 - Voltage: 208/230-1
- Cooling only 2015 models are not compliant with Southwest standard.



Part No.	Use with	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
FTXS30LVJU*	RKS30LVJU, RXS30LVJU	30000	19.3	10.7	34800	8.3	5/8	3/8	13 3/8	9 7/16	47 1/4	40	\$1,496.40
FTXS36LVJU*	RKS36LVJU, RXS36LVJU	36000	17.9	8.3	36000	8.3	5/8	3/8	13 3/8	9 7/16	47 1/4	40	\$1,618.96

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



COMMERCIAL, COOLING/HEAT PUMP, CEILING MOUNT, INDOOR

- Auto-swing capability with 100° airflow pattern
 - 208-230/1/60
 - Quietly distributes airflow in all directions
 - Lateral servicing space allows installation in corners, narrow spaces, walls and ceilings
 - Concealed piping enhances decor
 - Optional condensate pump
 - Control is not included
 - Cooling to 0° with optional wind baffle
- Cooling only 2015 models are not compliant with Southwest standard.



Part No.	Use with	Cooling			Heat BTUH	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		Suction	Liquid	H	D	L		
FHQ18PVJU*	RZR18PVJU, RZQ18PVJU	18000	18.0	14.0	20000	5/8	3/8	7 11/16	26 3/4	62 5/8	90	\$1,696.36
FHQ24PVJU*	RZR24PVJU, RZQ24PVJU	24000	18.1	12.6	27000	5/8	3/8	7 11/16	26 3/4	62 5/8	90	\$1,850.08
FHQ30PVJU*	RZR30PVJU, RZQ30PVJU	30000	17.2	10.5	34000	5/8	3/8	7 11/16	26 3/4	62 5/8	96	\$1,822.12
FHQ36MVJU*	RZR36PVJU, RZQ36PVJU	36000	14.0	10.2	37500	5/8	3/8	7 11/16	26 3/4	62 5/8	90	\$2,027.46
FHQ42MVJU*	RZR42PVJU, RZQ42PVJU	40500	13.8	9.5	39500	5/8	3/8	7 11/16	26 3/4	62 5/8	90	\$2,174.72



OUTDOOR UNIT

Cooling only 2015 models are not compliant with Southwest standard.
RKNMVJU units: low ambient cooling to -22°F with option wind baffle
208-230/1/60



Part No.	Use with	Cooling (BTUH)	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Suction	Liquid	H	D	L		
RK30NMVJU*	FTX30NVJU	31400	5/8	1/4	28 15/16	12 5/8	34 1/4	176	\$2,802.52
RKS30LVJU*	FTXS30HVJU	30000	5/8	3/8	38 5/16	12 5/8	37	176	\$3,670.06
RKS36LVJU*	FTXS36HVJU	36000	5/8	3/8	38 5/16	12 5/8	37	176	\$3,870.00
RZR18PVJU	FAQ18PVJU, FCQ18PVJU, FHQ18PVJU	18000	5/8	3/8	30 5/16	12 5/8	35 7/16	150	\$3,404.52
RZR24PVJU	FAQ24PVJU, FCQ24PVJU, FHQ24PVJU	24000	5/8	3/8	30 5/16	12 5/8	35 7/16	150	\$3,639.96
RZR30PVJU	FAQ30PVJU, FCQ30PVJU, FHQ30PVJU	30000	5/8	3/8	30 5/16	12 5/8	35 7/16	150	\$4,813.86
RZR36PVJU	FAQ36PVJU, FCQ36PVJU, FHQ36PVJU	36000	5/8	3/8	52 15/16	12 5/8	35 7/16	310	\$5,482.50
RZR42PVJU	FAQ42PVJU, FCQ42PVJU, FHQ42PVJU	42000	5/8	3/8	52 15/16	12 5/8	35 7/16	139	\$6,409.16
RK36NMVJUA*	FTX30NVJU	34400	5/8	1/4	28 15/16	12 5/8	34 1/4	176	\$3,388.40

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DUCTLESS SPLIT DAIKIN



FCQ_TAVJU

SKYAIR, COMMERCIAL, COOL/HEAT PUMP, CEILING CASSETTE, INDOOR

- 208-230/1/60
- 18 configurable airflow pattern ensure ideal air distribution for maximized comfort and savings
- 360° airflow and three room sensors enables optimized occupant comfort and efficiency
- Lower air velocities provide better airflow distribution
- Optional self-cleaning filter panel to automatically clean filters on set schedule.
- Condensate pump provided as standard
- Outside air integration possible



Part No.	Use with	Cooling			Heat BTUH	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER		Suction	Liquid	H	D	L		
FCQ18TAVJU*	RZR18TAVJU, RZQ18TAVJU	18000	18.6	13.0	20000	5/8	3/8	10 1/16	33 1/16	33 1/16	63	\$2,089.80
FCQ24TAVJU*	RZR24TAVJU, RZQ24TAVJU	23800	18.5	12.0	27000	5/8	3/8	10 1/16	33 1/16	33 1/16	63	\$3,053.00
FCQ30TAVJU*	RZR30TAVJU, RZQ30TAVJU	30000	17.2	9.3	33800	5/8	3/8	11 23/32	33 1/16	33 1/16	70	\$3,085.26
FCQ36TAVJU*	RZR36TAVJU, RZQ36TAVJU	36000	17.6	11.4	40000	5/8	3/8	11 23/32	33 1/16	33 1/16	70	\$3,485.16
FCQ42TAVJU*	RZR42TAVJU, RZQ42TAVJU	41500	17.0	10.3	40000	5/8	3/8	11 23/32	33 1/16	33 1/16	70	\$3,762.50
FCQ48TAVJU*	RZR48TAVJU, RZQ48TAVJU	48000	17.0	9.0	54000	5/8	3/8	11 23/32	33 1/16	33 1/16	70	\$4,063.50



FAQ_TAVJU

SKYAIR, COMMERCIAL, WALL MOUNT, COOL/HEAT PUMP

- 208-230/1/60
- Energy efficiency up to SEER 17.6 and HSPF 8.4
- For rooms with no false ceiling nor free floor space
- Wide angle louvers distribute comfortable airflow
- Auto-swing function ensures efficient air distribution
- Front panel can be removed for easy cleaning
- Quiet operation as low as 37 dB(A)
- Optional wireless controller
- Optional wired controller
- Optional condensate pump



Part No.	Use with	Cooling			Heating		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		BTUH	SEER	EER	BTUH	HSPF	Suction	Liquid	H	D	L		
FAQ18TAVJU*	RZR18TAVJU, RZQ18TAVJU	18000	17.0	11.9	20000	8.2	5/8	3/8	11 3/8	9 3/4	41 3/8	31	\$987.92
FAQ24TAVJU*	RZR24TAVJU	24000	17.6	10.2	27000	8.4	5/8	3/8	11 3/8	9 1/4	41 3/8	31	\$1,018.02

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DUCTLESS SPLIT, SKYAIR, COMMERCIAL, HEAT PUMP, OUTDOOR

• 208-230/1/60



Part No.	Use with	Capacity (BTUH)		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cool	Heat	Suction	Liquid	H	D	L		
RZQ18TAVJU	FAQ18TAVJU, FBQ18PVJU, FCQ18TAVJU, FHQ18PAVJU, FTQ18TQVJUD	18000	20000	5/8	3/8	39	12 5/8	37	172	\$4,030.18
RZQ24TAVJU	FAQ24TAVJU, FBQ24PVJU, FCQ24TAVJU, FHQ24PAVJU, FTQ24TQVJUD	24000	20000	5/8	3/8	39	12 5/8	37	225	\$4,437.60
RZQ30TAVJU	FAQ30TAVJU, FBQ30PVJU, FCQ30TAVJU, FHQ30PAVJU, FTQ30TQVJUD	30000	34000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$5,822.20
RZQ36TAVJU	FAQ36TAVJU, FBQ36PVJU, FCQ36TAVJU, FHQ36PAVJU, FTQ36TQVJUD	36000	40000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$6,665.00
RZQ42TAVJU	FAQ40TAVJU, FBQ40PVJU, FCQ40TAVJU, FHQ40PAVJU, FTQ40TQVJUD	40500	47000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$7,807.72
RZQ48TAVJU	FAQ48TAVJU, FBQ48PVJU, FCQ48TAVJU, FHQ48PAVJU, FTQ48TQVJUD	48000	54000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$8,432.30
RZQ18TAVJUA	FAQ18TAVJU, FBQ18PVJU, FCQ18TAVJU, FHQ18PAVJU, FTQ18TQVJUD	18000	20000	5/8	3/8	39	12 5/8	37	172	\$4,030.18
RZQ24TAVJUA	FAQ24TAVJU, FBQ24PVJU, FCQ24TAVJU, FHQ24PAVJU, FTQ24TQVJUD	24000	20000	5/8	3/8	39	12 5/8	37	225	\$4,437.60
RZQ30TAVJUA	FAQ30TAVJU, FBQ30PVJU, FCQ30TAVJU, FHQ30PAVJU, FTQ30TQVJUD	30000	34000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$5,822.20
RZQ36TAVJUA	FAQ36TAVJU, FBQ36PVJU, FCQ36TAVJU, FHQ36PAVJU, FTQ36TQVJUD	36000	40000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$6,665.00
RZQ48TAVJUA	FAQ48TAVJU, FBQ48PVJU, FCQ48TAVJU, FHQ48PAVJU, FTQ48TQVJUD	48000	54000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$8,432.30

DUCTLESS SPLIT, SKYAIR, COMMERCIAL, COOLING, OUTDOOR

• 208-230/1/60



Part No.	Use with	Cooling (BTUH)	Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
			Suction	Liquid	H	D	L		
RZR18TAVJU	FAQ18TAVJU, FBQ18PVJU, FCQ18TAVJU, FHQ18PAVJU, FTQ18TQVJUD	18000	5/8	3/8	39	12 5/8	37	172	\$3,404.52
RZR24TAVJU	FAQ24TAVJU, FBQ24PVJU, FCQ24TAVJU, FHQ24PAVJU, FTQ24TQVJUD	24000	5/8	3/8	39	12 5/8	37	172	\$3,639.96
RZR30TAVJU	FAQ30TAVJU, FBQ30PVJU, FCQ30TAVJU, FHQ30PAVJU, FTQ30TQVJUD	30000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$4,814.92
RZR36TAVJU	FAQ36TAVJU, FBQ36PVJU, FCQ36TAVJU, FHQ36PAVJU, FTQ36TQVJUD	36000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$5,482.50
RZR42TAVJU	FAQ40TAVJU, FBQ40PVJU, FCQ40TAVJU, FHQ40PAVJU, FTQ40TQVJUD	40500	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$6,410.22
RZR48TAVJU	FAQ48TAVJU, FBQ48PVJU, FCQ48TAVJU, FHQ48PAVJU, FTQ48TQVJUD	48000	5/8	3/8	52 15/16	12 5/8	35 7/16	225	\$6,923.00
RZR24TAVJUA	FAQ24TAVJU, FBQ24PVJU, FCQ24TAVJU, FHQ24PAVJU, FTQ24TQVJUD	24000	5/8	3/8	39	12 5/8	37	172	\$3,639.96

VRV IV | AIR COOLED HEAT RECOVERY

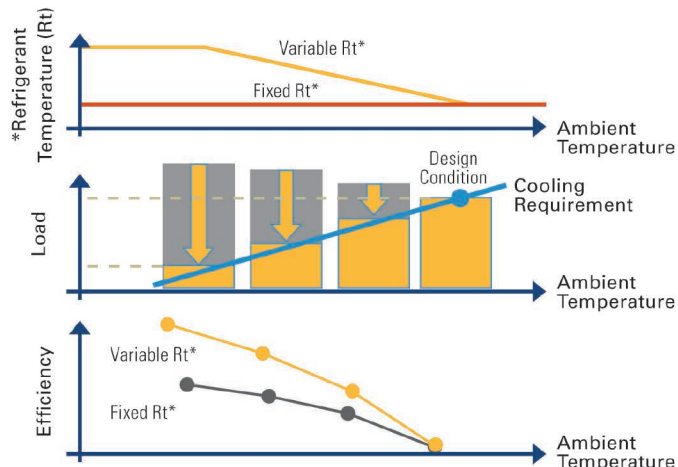
VRV IV Operation

Lower capacity is required to cool and heat a building during mid season
Adapting to required heat load by variable refrigerant volume

A VRV system adapts to the required changes in capacity by varying the refrigerant volume. This results in an increase in efficiency at part load operation

The efficiency of VRV IV is further increased by adjusting the refrigerant temperature dependant on the space load and weather conditions

Up to 28% Improved Seasonal Cooling Efficiency vs. VRV III

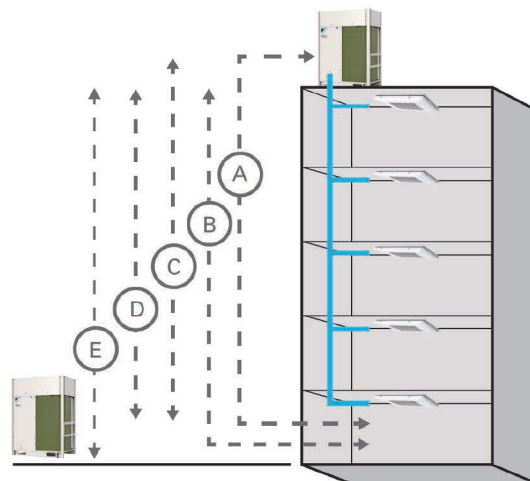


The above graphs are intended only to depict how advantages of the new Daikin VRV IV system combine to achieve the stated increase in seasonal efficiency. The graphs do not reflect test results, are not to scale and therefore do not quantify the effect of any such advantage.

PIPING FLEXIBILITY:

The VRV IV provides very flexible piping possibilities. These generous allowances outlined in the figure facilitate an extensive variety of system designs.

- 100 ft maximum vertical difference between indoor units provides greater flexibility for riser type piping layouts.
- Allows for up to 12 floors to be served from a single VRV System
- Ideal for mid to high rise chiller or WSHP replacement projects



Daikin VRV IV Piping

Maximum total one-way piping length		3282 ft.
Maximum piping length between outdoor unit and indoor unit - A		541 ft.
Maximum piping length between 1st branch connection and indoor unit (with application rules) - B		131 ft. (295 ft.)
Maximum piping length between indoor unit and closest branch connection		131 ft.
Maximum vertical difference between outdoor unit and indoor unit (with application rules)	OU above IUs - C	164 ft. (295 ft.)
	OU below IUs - E	131 ft. (195 ft. for VRV IV HR)
Maximum vertical difference between indoor units - D		100 ft.



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VRV-IV® SYSTEM

Daikin's VRV IV systems integrate advanced technology to provide comfort control with maximum energy efficiency and reliability. VRV IV provides a solution for multi-family residential to large commercial applications desiring heating or

cooling. The VRV IV is the first variable refrigerant flow (VRF) system to be assembled in North America.

Features:

- Total comfort solution for heating, cooling, ventilation and controls
- Redesigned and optimized for total Life Cycle Cost (LCC)
- Reduced install cost and increased flexibility as compared to VRV III with larger capacity single modules up to 14 Tons and system capacity up to 34 Tons

- Efficiency improved over VRV III by an average of 11% with IEER Values now up to 28
- Improved seasonal efficiency as compared to VRV III with automatic and customizable Variable Refrigerant Temperature (VRT) climate tuning
- New single/multiple port branch selector boxes provide compact dimensions and a wide range of product offerings (single, 4, 6, 8, 10 and 12 port options), heat recovery only
- Best-In-class warranty with 10 year compressor and parts as standard
- Reduced commissioning time vs. VRV III with VRV configurator software and Graphical User Interface (GUI)
- Design flexibility with long piping lengths up to 3,280 ft. total and 100 ft. vertical separation between indoor units



VRVIV, OUTDOOR, HEAT PUMP, COMMERCIAL

Part No.	Nom. Tons	Capacity (BUTH)		Voltage	CFM	Dimensions (In.)			Combination	Price
		Cooling	Heating			H	W	D		
RXYQ192TTJU	16	184000	206000	208-230/3/60	5544+6286	66 3/4	48 7/8 + 36 5/8	30 1/8	RXYQ120T + RXYQ72T	☎
RXYQ192TYDN	16	184000	206000	460/3/60	5544+6286	66 3/4	48 7/8 + 36 5/8	30 1/8	RXYQ120T + RXYQ72T	☎
RXYQ216TTJU	18	206000	231000	208-230/3/60	5827+6286	66 3/4	48 7/8 x 2	30 1/8	RXYQ120T + RXYQ96T	☎
RXYQ216TYDN	18	206000	231000	460/3/60	5827+6286	66 3/4	48 7/8 x 2	30 1/8	RXYQ120T + RXYQ96T	☎
RXYQ240TTJU	20	228000	257000	208-230/3/60	6286+6286	66 3/4	48 7/8 x 2	30 1/8	RXYQ120T (2)	☎
RXYQ240TYDN	20	228000	257000	460/3/60	6286+6286	66 3/4	48 7/8 x 2	30 1/8	RXYQ120T (2)	☎
RXYQ264TTJU	22	251000	283000	208-230/3/60	6286+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ144T + RXYQ120T	☎
RXYQ264TYDN	22	251000	283000	460/3/60	6286+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ144T + RXYQ120T	☎
RXYQ288TTJU	24	274000	308000	208-230/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ144T (2)	☎
RXYQ288TYDN	24	274000	308000	460/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ144T (2)	☎
RXYQ312TTJU	26	297000	334000	208-230/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ168T + RXYQ144T	☎
RXYQ312TYDN	26	297000	334000	460/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ168T + RXYQ144T	☎
RXYQ336TTJU	28	320000	360000	208-230/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ168T (2)	☎
RXYQ336TYDN	28	320000	360000	460/3/60	8228+8228	66 3/4	48 7/8 x 2	30 1/8	RXYQ168T (2)	☎
RXYQ360TTJU	30	342000	385000	208-230/3/60	6286+6286+6286	66 3/4	48 7/8 x 3	30 1/8	RXYQ120T (3)	☎
RXYQ360TYDN	30	342000	385000	460/3/60	6286+6286+6286	66 3/4	48 7/8 x 3	30 1/8	RXYQ120T (3)	☎
RXYQ384TTJU	32	365000	411000	208-230/3/60	5827+6286+8228	66 3/4	48 7/8 x 3	30 1/8	RXYQ168T + RXYQ120T + RXYQ96T	☎
RXYQ384TYDN	32	365000	411000	460/3/60	5827+6286+8228	66 3/4	48 7/8 x 3	30 1/8	RXYQ168T + RXYQ120T + RXYQ96T	☎
RXYQ408TTJU	34	380000	436000	208-230/3/60	6286+6286+8228	66 3/4	48 7/8 x 3	30 1/8	RXYQ168T + RXYQ120T + RXYQ96T	☎
RXYQ408TYDN	34	380000	436000	460/3/60	6286+6286+8228	66 3/4	48 7/8 x 3	30 1/8	RXYQ168T + RXYQ120T + RXYQ96T	☎
RXYQ72TATJA	6	72000	81000	208-230/3/60	5544	66 11/16	36 11/16	30 3/16	-	☎
RXYQ144TATJA	12	14400	162000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	-	☎
RXYQ168TATJA	14	164000	188000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	-	☎
RXYQ72XATJA	6	72000	81000	208-230/3/60	5544	66 11/16	36 11/16	30 3/16	-	☎
RXYQ96XATJA	7 1/2	96000	108000	208-230/3/60	5827	66 11/16	48 7/8	30 3/16	-	☎
RXYQ96XAYDA	7 1/2	96000	108000	460/3/60	5827	66 11/16	36 11/16	30 3/16	-	☎
RXYQ120XATJA	10	120000	135000	208-230/3/60	6286	66 11/16	48 7/8	30 3/16	-	☎
RXYQ144XATJA	12	144000	162000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	-	☎
RXYQ168XATJA	14	164000	188000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	-	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

DUCTLESS SPLIT VRV

VRVIV, OUTDOOR, HEAT RECOVERY, COMMERCIAL



VRVIV



Part No.	Nom. Tons	Capacity (BUTH)		Voltage	CFM	Dimensions (In.)			Combination	Price
		Cooling	Heating			H	W	D		
REYQ120TATJU*	10	111000	126000	208-230/3/60	6286	66 11/16	48 7/8	30 3/16	—	☎
REYQ192TYDN	16	184000	206000	360/3/60	5544+6286	66 11/16	36 11/16 x 2	30 3/16	REYQ120T + REYQ72T	☎
REYQ216TTJU	18	206000	231000	208-230/3/60	5827+6286	66 11/16	36 11/16 x 2	30 3/16	REYQ120T + REYQ96T	☎
REYQ216TYDN	18	206000	231000	360/3/60	5827+6286	66 11/16	36 11/16 x 2	30 3/16	REYQ120T + REYQ96T	☎
REYQ240TTJU	20	228000	257000	208-230/3/60	5827+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T + REYQ96T	☎
REYQ240TYDN	20	228000	257000	360/3/60	5827+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T + REYQ96T	☎
REYQ264TTJU	22	251000	283000	208-230/3/60	6286+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T + REYQ120T	☎
REYQ264TYDN	22	251000	283000	360/3/60	6286+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T + REYQ120T	☎
REYQ288TTJU	24	274000	308000	208-230/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T (2)	☎
REYQ288TYDN	24	274000	308000	360/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ144T (2)	☎
REYQ312TTJU	26	297000	334000	208-230/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ168T + REYQ144T	☎
REYQ312TYDN	26	297000	334000	360/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ168T + REYQ144T	☎
REYQ336TTJU	28	320000	360000	208-230/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ168T (2)	☎
REYQ336TYDN	28	320000	360000	360/3/60	8228+8228	66 11/16	36 11/16 x 2	30 3/16	REYQ168T (2)	☎
REYQ360TYDN	30	342000	385000	360/3/60	6286+6286+6286	66 11/16	48 7/8 x 3	30 3/16	REYQ120T (3)	☎
REYQ384TTJU	32	365000	411000	208-230/3/60	5827+6286+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ120T + REYQ96T	☎
REYQ384TYDN	32	365000	411000	360/3/60	5827+6286+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ120T + REYQ96T	☎
REYQ408TTJU	34	388000	427000	208-230/3/60	5827+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ120T + REYQ96T	☎
REYQ408TYDN	34	388000	427000	360/3/60	5827+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ120T + REYQ96T	☎
REYQ432TTJU	36	411000	434000	208-230/3/60	8228+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ144T (3)	☎
REYQ432TYDN	36	411000	434000	360/3/60	8228+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ144T (3)	☎
REYQ456TTJU	38	424000	447000	208-230/3/60	8228+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ144T (2)	☎
REYQ456TYDN	38	424000	447000	360/3/60	8228+8228+8228	66 11/16	48 7/8 x 3	30 3/16	REYQ168T + REYQ144T (2)	☎
REYQ72TATJU*	6	67000	75000	208-230/3/60	5544	66 11/16	36 11/16	30 3/16	—	☎
REYQ96TATJU*	8	92000	103000	208-230/3/60	5827	66 11/16	48 7/8	30 3/16	—	☎
REYQ144TATJU*	12	138000	150000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	—	☎
REYQ144TAYDU*	12	138000	150000	208-230/3/60	8228	66 11/16	48 7/8	30 3/16	—	☎
REYQ192TATJU	16	184000	200000	208-230/3/60	5544+6286	66 11/16	36 11/16 + 48 7/8	30 3/16	REYQ120T + REYQ72T	☎
REYQ96TAYDU*	8	92000	100000	208-230/3/60	5827	66 11/16	48 7/8	30 3/16	—	☎
REYQ96XATJA*	8	96000	108000	208-230/3/60	7989	66 11/16	48 7/8	30 3/16	—	☎
REYQ144XATJA*	12	144000	162000	208-230/3/60	9480	66 11/16	48 7/8	30 3/16	—	☎

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RWEYQ

VRV IV W-SERIES, OUTDOOR, HEAT PUMP/HEAT RECOVERY, OUTDOOR

VRV IV W-Series systems are equivalent to 4-pipe chilled water systems, but also offer a viable alternative to Water Source Heat Pump solutions. Each connected indoor unit can provide heating and cooling independently to suit zone

- Increased efficiency with variable Refrigerant Temperature (VRT) Control
- Larger single-system capacity and modular concept ensures wider application range for accommodating floor-by-floor loads of commercial buildings
- 208-230/3/60
- Can be applied to both geothermal and boiler/tower applications as standard with condenser water inlet temperature as low as 14°F in heating and 27°F in cooling is possible

requirements making these systems suitable for both open plan, or cellular applications with different operation requirements.

- Small condensers can be stacked for reduced installation space and increased usable square footage



Part No.	Nom. Tons	Capacity (BUTH)		Connection Size (In.)		Dimensions (In.)			Combination	Price
		Cooling	Heating	Suction	Liquid	H	W	D		
RWEYQ144PCTJ	12	138000	154000	1 1/8 HP - 1 1/8 HR	1/2 HP - 1/2 HR	39 3/8	30 3/4 x 2	21 11/16	RWEYQ72PCTJ (2)	☎
RWEYQ168PCTJ	14	160000	180000	1 1/8 HP - 1 1/8 HR	5/8 HP - 5/8 HR	39 3/8	30 3/4 x 2	21 11/16	RWEYQ84PCTJ (2)	☎
RWEYQ216PCTJ	18	206000	232000	1 3/8 HP - 1 3/8 HR	5/8 HP - 5/8 HR	39 3/8	30 3/4 x 3	21 11/16	RWEYQ72PCTJ (3)	☎
RWEYQ252PCTJ	21	240000	270500	1 3/8 HP - 1 3/8 HR	3/4 HP - 3/4 HR	39 3/8	30 3/4 x 3	21 11/16	RWEYQ84PCTJ (3)	☎
RWEYQ72PCTJ*	6	64000	77000	3/4 HP - 3/4 HR	3/8 HP - 3/8 HR	39 3/8	30 3/4	21 11/16	—	☎



RXT single

VRV IV-S, OUTDOOR, HEAT PUMP, RESIDENTIAL

The VRV IV S-series system is a highly efficient solution for small commercial buildings requiring heating and cooling of up to 10 zones. A mix of ducted and duct-free indoor units can be combined to provide individual comfort and ease of installation. With

- Blue Fin Corrosion Coating. 1000 hours salt spray rated as standard. Hydrophilic coating to help with defrost.
- 7mm Coil. Improved heat exchanger efficiency and compact casing design (compared to VRV III-S)
- Inverter Board Cooled by Refrigerant Circuit (Dependent on outdoor unit model). Elimination of condenser fan pressure drop caused by heat sink used on previous generations.
- Added safety and peace of mind with configurable auto changeover to auxiliary heat.
- 10-Year Parts Limited Warranty and 10-Year Replacement Compressor Limited Warranty

its simple, versatile design and long piping (up to 230 ft. actual piping length one way), the VRV IV S-series can accommodate practically any floor layout, enabling better use of space

Its advanced zoning capabilities allow floor-by-floor installation so that each floor can be occupied quickly upon completion. And, because the outdoor units are lightweight and vibration-free, there's no need to reinforce floors, reducing both installation time and costs

- Space-saving design to fit in tight areas and realize quick and easy installation.
- Savings in energy use due to higher SEER and HSPF ratings when compared to VRV III-S.
- Soft sound level operation ensures a comfortable fit in any room
- Single-supplier reliability. The system, factory engineered and 80% complete upon delivery, is fully optimized by Daikin, plus has self-diagnostics
- Simplified equipment selection with a flexible array of indoor unit options.
- Variable Speed DC Fan. High efficiency and low sound levels

Efficiency Rating

RXTQ36TAVJU

- Non Ducted Indoor: 18 SEER, 12 EER
- Ducted Indoor: 15.5 SEER, 9.7 EER
- Mixed Indoor: 16.75 SEER, 10.85 EER

RXTQ48TAVJU

- Non Ducted Indoor: 18 SEER, 10.3 EER
- Ducted Indoor: 16 SEER, 9.4 EER
- Mixed Indoor: 17 SEER, 9.9 EER

RXTQ60TAVJU

- Non Ducted Indoor: 18 SEER, 9.8 EER
- Ducted Indoor: 15.5 SEER, 9.2 EER
- Mixed Indoor: 16.5 SEER, 9.5 EER



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Price
		Cooling	Heating		Suction	Liquid		H	W	D	
RXTQ48TAVJU*	4	48000	52500	208-230/1/60	5/8	3/8	2682	39	37	12 5/8	☎
RXTQ60TAVJU*	5	57000	57000	208-230/1/60	3/4	3/8	3741	53	35 7/16	12 5/8	☎
RXTQ48TAVJUA*	4	48000	52500	208-230/1/60	5/8	3/8	2682	39	37	12 5/8	☎
RXTQ60TAVJUA*	5	57000	57000	208-230/1/60	3/4	3/8	3741	53	35 7/16	12 5/8	☎
RXTQ36TAVJ9A*	3	36000	40000	208-230/1/60	5/8	3/8	2682	39	37	12 5/8	☎

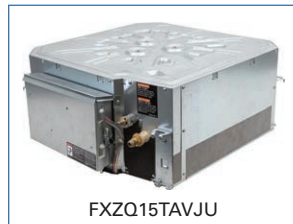
☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

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DUCTLESS SPLIT VRV

VRV-III® SYSTEM, INDOOR

VRV® is a commercially applied heating and cooling system that distributes refrigerant, rather than water, to multiple fan coil units serving the conditioned spaces. The natural attributes of a VRV system position it as an alternative to a chiller system.



FXZQ15TAVJU

VRV, INDOOR, VISTA™, 2' X 2' 4-WAY CEILING-MOUNTED CASSETTE

Fitting within the ceiling grid, VISTA is stylish, low profile, and compact. Energy efficiency and comfort can be enhanced through the combined use of optional floor and presence sensors. It is also possible to close individual louvers via the wired

remote control for personalized comfort.

- Seamless integration in standard architectural ceiling tiles, eliminating any overlap of adjacent tiles.

- Energy efficient operation thanks to specially developed small tube heat exchanger and two optional intelligent sensors.
- The use of a high efficiency DC fan motor reduces operational power input up to 48% compared to the previous generation.
- Provides high degree of control for auxiliary heating devices, with independently configurable on/off temperature values
- Direct integration of fresh air through a factory knock out.
- The four air louvers in the unit enables comfortable space environment in many different room layouts.



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXZQ09TAVJU	3/4	9500	10500	230/1/60	1/2	1/4	317	10 1/4	22 5/8	22 5/8	48	☎
FXZQ12TAVJU	1	12000	13500	230/1/60	1/2	1/4	353	10 1/4	22 5/8	22 5/8	45	☎
FXZQ15TAVJU	1 1/4	15000	17000	230/1/60	1/2	1/4	405	10 1/4	22 5/8	22 5/8	39	☎
FXZQ18TAVJU	1 1/2	18000	20000	230/1/60	1/2	1/4	511	10 1/4	22 5/8	22 5/8	40	☎



FXTQ12TAVJUA

VRV, INDOOR, VERTICAL AIR HANDLING UNIT

- Full multi-position air handler capable of upflow, horizontal right, and horizontal left installation.
- A high efficiency, ECM motor powers the fan to deliver nominal CFM at up to 0.9" w.g. static. An auto fan speed setting automatically

adjusts the fan speed through 5 steps based on the load in the space.

- An auxiliary heat logic features a reduced heater operation deadband and the ability to run both heat pump and auxiliary heat for maximum comfort and performance in colder climates. The auxiliary heat can be interlocked with the ambient temperature sensed by the outdoor unit.
- Designed with less than 2% air leakage when tested in accordance with ASHRAE standard 193.
- New integrated control board reduces the number of electrical connections required. Quick disconnect control wiring terminals simplify installation.
- Easily integrate with third party accessories such as a humidifier or economizer with on-board contacts.



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXTQ12TAVJUA*	1	12000	13500	230/1/60	1/2	1/4	400	45	17 1/2	21	126	\$2,836.00
FXTQ18TAVJUA*	1 1/2	18000	20000	230/1/60	1/2	1/4	600	45	17 1/2	21	113	\$2,880.00
FXTQ24TAVJUA*	2	24000	27000	230/1/60	5/8	3/8	800	45	17 1/2	21	116	\$3,099.00
FXTQ30TAVJUA*	2 1/2	30000	34000	230/1/60	5/8	3/8	1000	45	17 1/2	21	120	\$3,276.00
FXTQ36TAVJUA*	3	36000	40000	230/1/60	5/8	3/8	1050	45	17 1/2	21	160	\$3,481.00
FXTQ42TAVJUA*	3 1/2	42000	46000	230/1/60	5/8	3/8	1400	53.43	21	21	175	\$3,660.00
FXTQ60TAVJUA*	5	60000	66000	230/1/60	5/8	3/8	1800	58	24 1/2	21	180	\$4,614.00
FXTQ09TAVJUA*	3/4	9500	10500	230/1/60	1/2	1/4	300	45	17 1/2	21	126	\$2,769.00

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FXMQ-P

VRV, INDOOR, DUCTED CONCEALED CEILING UNIT (MEDIUM STATIC)

- Energy efficient due to the DC fan motor
- Ideal to use together with the optional Daikin Zoning Kit, DZK
- Configurable auxiliary heater control logic
- Advanced economizer control logic
- Enhanced indoor air quality and LEED ready with MERV 13 filter options
- Ease of installation with auto adjusting airflow at commissioning based on external static pressure
- Flexible ductwork design with ESP capabilities up to 0.8" W.G.
- Installation flexibility with a low profile, compact design at less than 12" in height
- Easy maintenance with complete service access from below
- Option to permanently turn off the condensate pump via field settings
- Connection type: MFL
- Application: hotels, offices, retail, school



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXMQ07PBVJU*	3/5	7500	8500	230/1/60	1/2	1/4	264	11 13/16	21 5/8	27 9/16	66	
FXMQ09PBVJU*	3/4	9500	10500	230/1/60	1/2	1/4	264	11 13/16	21 5/8	27 9/16	32	
FXMQ12PBVJU*	1	12000	13500	230/1/60	1/2	1/4	410	11 13/16	21 5/8	27 9/16	32	
FXMQ18PBVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	582	11 13/16	39 3/8	27 9/16	47	
FXMQ24PBVJU*	2	24000	27000	230/1/60	5/8	3/8	618	11 13/16	39 3/8	27 9/16	98	
FXMQ30PBVJU*	2 1/2	30000	34000	230/1/60	5/8	3/8	953	11 13/16	39 3/8	27 9/16	47	
FXMQ36PBVJU*	3	36000	40000	230/1/60	5/8	3/8	953	11 13/16	55 1/8	27 9/16	60	
FXMQ48PBVJU*	4	48000	54000	230/1/60	5/8	3/8	1165	11 13/16	55 1/8	27 9/16	60	



FXMQ72-96MVJU

VRV, INDOOR, CONCEALED CEILING UNIT (MEDIUM STATIC)

- Improved ductwork and filtration flexibility with high CFM and ESP capabilities of up to 1.1" W.G.
- Built-in condensate float switch (condensate pump is not included)
- Application: hotels, conference centers, schools, retail/shopping centers, large open plan offices, churches
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXMQ72MVJU*	6	72000	81000	230/1/60	3/4	3/8	2047	18 1/8	54 3/8	43 5/16	172	
FXMQ96MVJU*	8	96000	108000	230/1/60	7/8	3/8	2541	18 1/8	54 3/8	43 5/16	187	



FXDQ

VRV, INDOOR, SLIM DUCT BUILT-IN CONCEALED CEILING UNIT

- Slim height, at only 7 7/8", makes it suitable for most of the applications where attic / bulkhead space is limited
- With a sound level as low as 29 dB(A) for the 7.5, 9 or 12 MBH indoor unit, these units are among the quietest on the market
- Condensate pump with vertical lift of up to 21 5/8" included as standard
- Blends unobtrusively with any interior decor; only the suction and discharge grills are visible
- Medium static pressure facilitates unit use with flexible ducts of varying length
- Application: hotel rooms, residential, school dormitories, retail
- Connection type: MFL
- Factory set rear suction; bottom suction is possible to reverse



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXDQ07MVJU*	3/5	7500	8500	230/1/60	1/2	1/4	280	7 7/8	27 9/16	24 7/16	31	\$1,871.00
FXDQ09MVJU*	3/4	9500	10500	230/1/60	1/2	1/4	280	7 7/8	27 9/16	24 7/16	31	\$1,939.00
FXDQ12MVJU*	1	12000	13500	230/1/60	1/2	1/4	280	7 7/8	27 9/16	24 7/16	31	\$2,042.00
FXDQ18MVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	440	7 7/8	35 7/16	24 7/16	36	\$2,374.00
FXDQ24MVJU*	2	24000	27000	230/1/60	5/8	3/8	580	7 7/8	43 5/16	24 7/16	40	\$2,577.00

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DUCTLESS SPLIT VRV



VRV, INDOOR, 2' X 2' 4-WAY CEILING-MOUNTED CASSETTE

- New and extremely compact casing enables unit to fit flush into ceiling and match standard architectural modules, without cutting ceiling tiles
- Vertical auto-swing function moves the discharge flaps up and down for efficient air distribution throughout the room
- Any one of 5 air flow patterns can be freely selected between zero and 40 degrees and will then be maintained during the operational cycle of the air conditioner
- Standard Limited Warranty: 10-year warranty on compressor and all parts

- Modern style decoration panel in white
- Quiet operation down to 25 dBA sound pressure level



Part No.	Nominal Tons	Capacity (BUTH)			Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating	Voltage	Suction	Liquid	CFM	H	W	D		
FXZQ07MVJU9	3/5	7500	8700	230/1/60	1/2	1/4	320	11 1/4	22 5/8	22 5/8	48.5	☎
FXZQ09MVJU9	3/4	9500	11100	230/1/60	1/2	1/4	335	11 1/4	22 5/8	22 5/8	48.5	☎
FXZQ12MVJU9	1	12000	14000	230/1/60	1/2	1/4	335	11 1/4	22 5/8	22 5/8	45	☎
FXZQ15MVJU9	1 1/4	15000	17500	230/1/60	1/2	1/4	388	11 1/4	22 5/8	22 5/8	45	☎
FXZQ18MVJU9	1 1/2	18000	21000	230/1/60	1/2	1/4	495	11 1/4	22 5/8	22 5/8	42	☎



VRV, INDOOR, 4-WAY CEILING-SUSPENDED CASSETTE

- Very low unit height of under 8" makes it an ideal solution for rooms without a false ceiling, or minimal space above a false ceiling, where adaptive comfort control is preferred.
- Individual air louver control, one or more louvers can be easily closed via the remote controller when required
- Low energy consumption thanks to a specially developed small tube heat exchanger, DC fan motor and drain pump
- Auto swing function ensures efficient air and temperature distribution
- Air can be discharged in five different angles between 0 and 60
- Built-in condensate pump with 19-1/2" lift and safety float switch

- Optional Sensor Kit enables input from three room sensors to provide optimized occupant comfort and efficiency
- Stylish unit blends easily with any interior, as the air louvers close entirely when not in operation



Part No.	Nominal Tons	Capacity (BUTH)			Connection Size (In.)			Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating	Voltage	Suction	Liquid	CFM	H	W	D		
FXUQ18PVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	795	7 13/16	37 3/8	37 3/8	58	☎
FXUQ24PVJU*	2	24000	27000	230/1/60	1/2	1/4	795	7 13/16	37 3/8	37 3/8	58	☎
FXUQ30PVJU*	2 1/2	30000	34000	230/1/60	5/8	3/8	1095	7 13/16	37 3/8	37 3/8	58	☎
FXUQ36PVJU*	3	36000	40000	230/1/60	5/8	3/8	1095	7 13/16	37 3/8	37 3/8	58	☎

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FXFQTVJU

VRV, INDOOR, ROUND FLOW SENSING CASSETTE

- Capacity range from 0.6 to 4 Tons
- True 360° Airflow and three room sensors (occupancy, air temperature, and surface temperature) enable optimized occupant comfort and efficiency
- Optional self-cleaning filter panel to further increase efficiency and reduce maintenance costs, when used in VRV IV systems
- Increased indoor air quality with high efficiency filter options and ventilation connection kit
- Very flexible with 18 different possible airflow patterns, ensuring ideal air distribution to maximize comfort and efficiency
- Compact design to allow for installation in small ceiling voids
- Sound pressure levels as low as 27 db(A)

- Energy efficient with DC fan motor and auto-logic that adjusts fan speed based on space load



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXFQ07TVJU*	1/2	7500	8500	230/1/60	1/2	1/4	420	9 11/16	33 1/16	33 1/16	24	☎
FXFQ09TVJU*	3/4	9500	10500	230/1/60	1/2	1/4	441	9 11/16	33 1/16	33 1/16	24	☎
FXFQ12TVJU*	1	12000	13500	230/1/60	1/2	1/4	441	9 11/16	33 1/16	33 1/16	22	☎
FXFQ15TVJU*	1 1/4	15000	17000	230/1/60	1/2	1/4	512	9 11/16	33 1/16	33 1/16	29	☎
FXFQ18TVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	742	9 11/16	33 1/16	33 1/16	29	☎
FXFQ24TVJU*	2	24000	27000	230/1/60	5/8	3/8	777	9 11/16	33 1/16	33 1/16	29	☎
FXFQ30TVJU*	2 1/2	30000	34000	230/1/60	5/8	3/8	1112	11 5/16	33 1/16	33 1/16	36	☎
FXFQ36TVJU*	3	36000	40000	230/1/60	5/8	3/8	1165	11 5/16	33 1/16	33 1/16	36	☎
FXFQ48TVJU*	4	48000	54000	230/1/60	5/8	3/8	1218	11 5/16	33 1/16	33 1/16	36	☎

VRV, INDOOR, WALL MOUNTED UNIT

- Auto-swing mechanism ensures efficient air distribution via louvers that automatically close when the unit is turned off
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space
- Horizontal louvers and front panel can be easily removed for cleaning
- Drain pipe can be easily hidden from sight
- Application: retail, restaurants, schools, hotels, residential
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXAQ07PVJU*	3/5	7500	8500	230/1/60	1/2	1/4	260	11 3/8	31 1/4	9 1/4	31	\$1,331.00
FXAQ09PVJU*	3/4	9500	10500	230/1/60	1/2	1/4	280	11 3/8	31 1/4	9 1/4	14	\$1,409.00
FXAQ12PVJU*	1	12000	13500	230/1/60	1/2	1/4	300	11 3/8	31 1/4	9 1/4	14	\$1,599.00
FXAQ18PVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	500	11 3/8	41 3/8	9 1/4	18	\$1,756.00
FXAQ24PVJU*	2	24000	27000	230/1/60	5/8	3/8	635	11 3/8	41 3/8	9 1/4	18	\$1,891.00

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DUCTLESS SPLIT VRV



FXEQ

VRV, INDOOR, CEILING-MOUNTED UNIT, SINGLE FLOW

- Only 7 7/8" in height and a width of 18 1/2" making it possible to use this style of indoor unit in the tightest of spaces
- The innovative discharge air louver design forces air in heating mode to ground level to improve the overall space heating effect of the indoor unit.
- Equipped with both horizontal and vertical louvers that can be freely adjusted with the remote controller
- Can be set to 5 predetermined fan speeds using the BRC1E73 wired remote controller, which allows for optimum and comfortable airflow
- A Ventilation Air knock-out is provided to allow up to 15% of the rated airflow through the unit to be pretreated outside air
- Includes a condensate pump with a lift capacity of up to 33 7/16"
- Equipped with customizable auxiliary heat control settings to facilitate the On/Off control of an external auxiliary heat solution
- Application: hotel rooms, offices, residential
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXEQ07PVJU*	1/2	7500	8500	230/1/60	1/2	1/4	212	7 7/8	18 1/2	33 11/16	18	☎
FXEQ09PVJU*	3/4	9500	10500	230/1/60	1/2	1/4	244	7 7/8	18 1/2	33 11/16	18	☎
FXEQ12PVJU*	1	12000	13500	230/1/60	1/2	1/4	283	7 7/8	18 1/2	33 11/16	76	☎
FXEQ15PVJU*	1 1/4	15000	17000	230/1/60	1/2	1/4	346	7 7/8	18 1/2	33 11/16	22	☎
FXEQ18PVJU*	1 1/2	18000	20000	230/1/60	1/2	1/4	441	7 7/8	18 1/2	48 13/16	22	☎
FXEQ24PVJU*	2	24000	27000	230/1/60	5/8	3/8	530	7 7/8	18 1/2	48 13/16	22	☎



FXHQ

VRV, INDOOR, CEILING SUSPENDED UNIT

- One of our slimmest indoor units (less than 8") fits within any interior design
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space
- Innovative stream fan technology keeps sound pressure levels low
- Installation is fast and optional drain-up kit can be added easily
- Bristle-free, non-dew flap and flat design make cleaning simple
- Long-life filter (maintenance-free for up to one year) is standard
- Application: retail, restaurants, office
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXHQ12MVJU*	1	12000	13500	230/1/60	1/2	1/4	410	7 11/16	37 13/16	26 3/4	38	☎
FXHQ24MVJU*	2	24000	27000	230/1/60	5/8	3/8	710	7 11/16	55 1/8	26 3/4	51	☎
FXHQ36MVJU*	3	36000	40000	230/1/60	5/8	3/8	830	7 11/16	62 5/8	26 3/4	58	☎



FXNQ

VRV, INDOOR, FLOOR STANDING UNIT

- Ideal for installation beneath a window
- Unit requires minimal installation space
- Fitted with a washable long-life filter
- Remote-control options available
- Space-saving unit can be freestanding or wall-mounted, concealed or exposed
- FXLQ: exposed
- FXNQ: concealed
- Application: residential, churches, historic buildings, schools, office
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXNQ07MVJU9*	0.6	7500	8500	230/1/60	1/2	1/4	245	24	36 5/8	8 5/8	31	☎
FXNQ09MVJU9*	3/4	9500	10500	230/1/60	1/2	1/4	245	24	36 5/8	8 5/8	33	☎

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VAM

VRV, ENERGY RECOVERY VENTILATOR

- Superior performance with a high efficiency fan and the capability for use in a wide range of climates (5 to 122°FDB and 80% RH or less)
- Interlocked simultaneous operation with VRV indoor units
- Pre-cooling/heating control function to delay the start of ventilation during air conditioner start-up for higher energy savings
- Unique functions such as independent operation, interlock with other HVAC systems and automatic night purge to reduce cooling loads and increase energy savings
- Voltage: 208-230/1/60
- Standard Limited Warranty: 10-year warranty on compressor and all parts



Part No.	Voltage	CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	D		
VAM1200GVJU*	208-230/1/60	1200	30 7/8	63 3/4	47 13/16	408	☎
VAM300GVJU*	208-230/1/60	300	12 1/16	34 5/8	31 1/2	88	☎
VAM470GVJU*	208-230/1/60	470	15 1/4	43 11/16	32 3/4	121	☎
VAM600GVJU*	208-230/1/60	600	15 1/4	43 11/16	47 13/16	148	☎

VRV, INDOOR, 100% OUTSIDE AIR PROCESSING UNIT

- Can be connected to all North American Daikin VRV systems
- Available in three capacities, nominal 48, 72 and 96 MBH
- External static pressure capabilities of up to 1.03" W.G. allows for flexibility with duct work and filtration choice
- The indoor unit is controlled to a set cooling and heating discharge air temperature allowing the flexibility to integrate with a standard Daikin indoor unit or duct directly to the space
- Indoor Air Quality options include MERV 8 and 13 filters and filter boxes
- A low profile design of only 18.5" high reduces the required installation space and can eliminate mechanical rooms or additional structural supports associated with traditional OA systems
- Connects directly and seamlessly into the Daikin local and centralized control suite
- Connection type: MFL



Part No.	Nominal Tons	Capacity (BUTH)		Voltage	Connection Size (In.)		CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating		Suction	Liquid		H	W	D		
FXMQ48MFVJU*	4	48000	30000	230/1/60	5/8	3/8	635	18 1/2	29 1/4	43 5/16	111	☎
FXMQ72MFVJU*	6	72000	47000	230/1/60	3/4	3/8	988	18 1/2	54 3/8	43 5/16	173	☎
FXMQ96MFVJU*	8	96000	59000	230/1/60	7/8	3/8	1236	18 1/2	54 3/8	43 5/16	173	☎

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DAIKIN ACCESSORIES



DCM60

INTELLIGENT TOUCH MANAGER

The iTM provides refined and energy efficient control of Daikin VRV8, VRV8-S and/or mixed VRV8/VRV-IIIIS/SkyAir indoor units, and Daikin RA and FTXS indoor units with the use of the KRP928BB2S RA adapter. With its user friendly tab

and icon menus, and scheduling capabilities, this controller makes management of indoor units and other facilities equipment easy. The iTM is linked directly to the system via a Daikin DIII-Net connection without the need for a PC.

The iTM is capable of monitoring, operating, and scheduling a maximum of 64 indoor unit groups (up to 512 indoor unit groups with the addition of the iTM Plus Adapter) from a networked PC's web browser. It is capable of creating general user access and sending detailed error emails to a customized distribution list (up to 10 email addresses).

- Support for centralized control remotely using a PC with a web browser (standard)
- Floor plan layout: capable of displaying site floor plan as the background for visual navigation. Indoor unit, DIII-Net DI and DIO, and External DI, DO, and Ai icons with operational status can be placed on the floor layout. Up to 60 floor layout sections can be created
- Backlit 10.4" LCD display
- 7 day weekly pattern
- 100 independent schedules configurable with up to 20 events for each days schedule
- A maximum of 40 exception days can be scheduled on the yearly schedule (repeats yearly)



Part No.	Dimensions (In.)			Price
	H	W	D	
DCM601A71	9.57	11.42	1.97	\$7,895.80
DCM601A72	5.87	6.30	2.41	\$1,650.00



DCS601C71

INTELLIGENT TOUCH CONTROLLER

Provides refined and energy efficient control of Daikin VRV8, VRV8-S and/or mixed VRV8/VRV-IIIIS/SkyAir air conditioning installations. With its user friendly color icons and scheduling capabilities, this controller makes

management of A/C units and other facilities equipment easy, even among multiple buildings.

Intended for use in conjunction with installations of up to 128 groups or zones, the controller is linked directly to the system via a Daikin DIII-NET connection without the need for a PC. The optional Power Proportional Distribution (PPD-Optional) feature supplies the user with a reasonably calculated apportionment of the total power consumption by the Daikin air-conditioning system to individual units on the system.

- Support for centralized control remotely using a PC with a Web browser (Optional)
- Sending of e-mail alerts to a specified address when malfunctions occur (Optional)
- Built-in Ethernet port for connecting to the Internet or intranet
- Management of facilities and ancillary equipment other than A/C units (Compatible with DIO unit and DI unit)
- Simple Interlock Function

Additional Features for DCS601A72

The iTC DIII-Net Plus Adapter provides control for all VRV, SkyAir indoor units, and Daikin RA and FTXS indoor units with the use of the KRP928BB2S RA Adapter. It is capable of handling a maximum of 64 indoor unit groups and 128 indoor units connected to a maximum of 10 outdoor units. The iTC DIII-Net Plus Adapter is to be used in conjunction with intelligent Touch Controller. This combination will provide intelligent Touch Controller monitoring and control of up to 128 indoor unit groups, 256 indoor units, and 20 outdoor units.



Part No.	Dimensions (In.)			Price
	H	W	D	
DCS601A72	7 15/32	7 15/32	1 21/32	\$1,397.00
DCS601C71	5 25/32	9 1/16	4 7/32	\$4,591.40



BRC944B2A08

WIRED CONTROLLER

- Includes 26 ft. of cable
- Built in one time or daily timer functionality with up to 2 timer actions per day
- Display of setpoint temperatures per 1°F/C

- Selectable auto / cool / heat / dry operation modes with adjustable temperature and airflow rates
- Required remote control adapter PCB included



Part No.	Use with	Price
KRP067A41	Interface Adapter for FTXN 15 SEER	\$282.90
KRP800B1	Interface FTXN for BRC944B2A08	\$256.68
KRP980B1	Interface Adapter for BRC944B2 09/12 Class	\$292.56
BRC944B2A08	RX Std. Efficiency, RXS High Efficiency, 2MXS & 4MXS	\$314.64
KRP067A41E	Adaptor for Wired Controllers, for FTXN09/12	\$284.28
KRP980B2E	Adaptor for Wired Controllers for FTXN18/24, FTXN18/24	\$336.72



BRC1E71

NAVIGATION CONTROLLER

- Up to 16 indoor units are controllable in one group
- Backlit LCD display in English, French, or Spanish
- Built in 7, 5+2, 5+1+1 Weekly Schedule Timer with up to 5 actions per day with independent cool/heat or setback setpoints

- Display of room and setpoint temperatures per 1°F/C

Additional features for BRC1E72

- Backwards compatible
- Simple display mode
- Face decal option to hide unnecessary buttons



Part No.	Use with	Price
BRC1E52A7	FXFQ_TVJU	\$385.00
BRC1E73	SkyAir Models: FAQ, FBQ, FCQ, FHQ, FTQ	\$518.88



BRC4C82

WIRELESS REMOTE CONTROLLER

- Up to 16 indoor units can be controlled simultaneously



Part No.	Use with	Price
BRC4C82	VRV Models: FXDQ; FXMQ; FXSQ; FXLQ; FXNQ; FXOQ	\$546.48
BRC7C812	VRV Model: FXHQ, SkyAir Model: FHQ	\$110.40
BRC7E818	VRV Model: FXAQ	\$409.86
BRC7E83	VRV Model: FXFQ, SkyAir Model: FCQ	\$434.70



BRC2A71

SIMPLIFIED WIRED REMOTE CONTROL

- Up to 16 indoor units can be controlled simultaneously
- Suitable for use in hotel bedrooms



Part No.	Use with	Price
BRC2A71	VRV Models: FXFQ; FXHQ; FXLQ; FXMQ; FXNQ; FXSQ; FXDQ; FXAQ; FXOQ	\$310.50



BRP072A43

WIRELESS INTERFACE ADAPTER

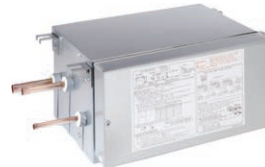
With the new Daikin Comfort Control App, users are always in control. They can use their tablet or smartphone to access their Daikin system via the internet. Fault conditions can also be detected remotely, allowing a quick response to problems.

It is necessary to install a Wireless Interface Adapter on the indoor unit of the system. WPS (Wireless Protected Setup) functionality of the module allows for quick setup; once the app is launched and the user registers and logs in, the app will find all connected units within the network.

- Dimensions: 3.11" L x 2.05" W x 0.69" Thickness



Part No.	Use with	Price
BRP072A43	FTXNNMVJU15-20, FTKNNMVJU15-19, FVXSNMVJU20, FTXSLVJU, CTXSLVJU, FTXS_LVJU, FVXS_NMVJU, FTXS_LVJU	\$346.38



BSQ36TVJ

BRANCH SELECTOR BOX, VRV IV

Providing flexibility and minimizing mechanical and electrical installation costs, Daikin's branch selector boxes are ideal for spaces that require individual heating and cooling control.

- Extended range of product offerings with 4, 6, 8, 10 and 12 port options
- No drain or condensate consideration required
- Unlimited number of unused ports per box or system
- Reduced electrical and mechanical installation costs
- Ultimate flexibility: choose multi-port or single-port styles to customize your design
- Up to 72% reduction in footprint, as compared to previous generation models
- Up to 17% lower sound levels compared to current VRV III models
- Up to 65% reduction in weight, as compared to previous generation models



Part No.	Dimensions (In.)			Nb. of Branches	Nb. of Connectable Units per Branch	Price
	H	W	D			
BS10Q54TVJ*	11 3/4	32 5/16	18 15/16	10	5	\$14,753.20
BS12Q54TVJ*	11 3/4	32 5/16	18 15/16	12	5	\$17,113.80
BS4Q54TVJ*	11 3/4	14 9/16	18 15/16	4	5	\$6,491.10
BS6Q54TVJ*	11 3/4	22 13/16	18 15/16	6	5	\$8,852.80
BS8Q54TVJ*	11 3/4	22 13/16	18 15/16	8	5	\$11,803.00
BSQ36TVJ*	8 1/8	15 1/4	12 13/16	1	4	\$1,593.90
BSQ60TVJ*	8 1/8	15 1/4	12 13/16	1	8	\$2,065.80
BSQ96TVJ*	8 1/8	15 1/4	12 13/16	1	8	\$2,502.50

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

MINI-SPLIT ACCESSORIES

DAIKIN ACCESSORIES



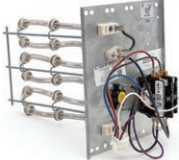
REFNETjoint

REFNET

REFNET joints distribute an equal flow of refrigerant in every branch of the piping network. Use with VRV series.



Part No.	Description	Use with	Price
KHRP25A22T	REFNET Joint	REYQ	\$276.10
KHRP25A33T	REFNET Joint	REYQ	\$331.10
KHRP25M33H	REFNET Header, Max. 8 Branches	REYQ, RWEYQ	\$754.60
KHRP25M72H	REFNET Header, Max. 8 Branches	REYQ96 to REYQ336, RWEYQ144 to RWEYQ252	\$1,683.00
KHRP25M72TU	REFNET Joint	REYQ96 to REYQ336, RWEYQ144 to RWEYQ252	\$953.70
KHRP25M73HU	REFNET Header, Max. 8 Branches	REYQ192 to REYQ336, RWEYQ168 to RWEYQ252	\$1,392.60
KHRP25M73TU	REFNET Joint	REYQ192 to REYQ336, RWEYQ168 to RWEYQ252	\$1,383.80
KHRP26A22T	REFNET Joint	RXYQ, RXYMQ	\$190.30
KHRP26A33T	REFNET Joint	RXYQ	\$225.50
KHRP26M22H	REFNET Header, Max. 4 Branches	RXYQ, RWEYQ, RXYMQ	\$313.50
KHRP26M33H	REFNET Header, Max. 8 Branches	RXYQ, RWEYQ, RXYMQ	\$638.00
KHRP26M72H	REFNET Header, Max. 8 Branches	RXYQ120 to RXYQ360, RWEYQ144 to RWEYQ252	\$997.70
KHRP26M72TU	REFNET Joint	RXYQ120 to RXYQ360, RWEYQ144 to RWEYQ252	\$523.14
KHRP26M73HU	REFNET Header, Max. 8 Branches	RXYQ192 to RXYQ360, RWEYQ168 to RWEYQ252	\$1,202.30
KHRP26M73TU	REFNET Joint	RXYQ192 to RXYQ360, RWEYQ168 to RWEYQ252	\$921.80



HKR03

ELECTRIC HEATER

Field-installed electric heater options available from 3 kW to 15 kW (electric heater connection kit part no. KER26A60 required for electric heat integration)



Part No.	Description	Use with	Price
HKR03	3 kW	FTQ18-42PBVJU (Electric Heater Option with Heat Pump is Allowed)	\$128.36
HKR05C	5 kW	FTQ30-42PBVJU (Electric Heater Option with Heat Pump is Allowed)	\$192.56
HKR15C	15 kW	FTQ42PBVJU (Electric Heater Option Only, Acceptable for 2-Step Control)	\$356.04
KER26A60	Electric Heater Connection Kit	HKR Series	\$296.70



2F0185352

ULTRA LOW AMBIENT KIT

The Ultra Low Ambient kit will extend worry free operation with factory tested and approved cooling operation down to -40°F. Configuration is quick and easy with the additions of a low ambient PCB and outdoor unit wind baffle to a standard SkyAir

cooling only, wall mounted (FTXS/RKS) system.

The Ultra Low Ambient kit contains a code heater, crank case heater, and printed circuit board.

Optional outdoor unit wind baffle, KPW5E112, is required and sold separately.



Part No.	Use with	Price
2F0185351	RKS30LVJU (Outdoor), FTXS30LVJU (Indoor)	\$2,518.50
2F0185352	RKS36LVJU (Outdoor), FTXS36LVJU (Indoor)	\$2,518.50



KPW082A41

WIND BAFFLE



Part No.	Use with	Price
KPW038A4	For RKN/RXN09,12	\$343.62
KPW082A41	5MXS48	\$930.74
KPW5G112	RXS30/36	\$477.48
KPW063B4	For 2/3/4MXS/MXL	\$340.86
KPW945B4	RXS15/24	\$343.62



BHFP26P136U

MULTI-PIPING CONNECTION KIT

Outdoor unit multi piping connection kit to use with VRV series.



Part No.	Use with	Price
BHFP22P100U	RXYQ168PB to RXYQ240PB	\$519.20
BHFP22P151U	RXYQ264PB to RXYQ360PB	\$1,226.50
BHFP26MA56U	RWEYQ144PTJU to RWEYQ168PTJU	\$897.60
BHFP26MA84U	RWEYQ168PTJU to RWEYQ252PTJU	\$1,422.30
BHFP26P136U	REYQ264PB to REYQ336PB	\$1,727.00
BHFP26P90U	REYQ144PB to REYQ240PB	\$701.80



DACAWB3

MOUNTING BRACKET



Part No.	Description	Use with	Price
DACAWB3	Up to 500 Lbs	RXS, RZQ	\$203.88



BYCQ125BW1

DECORATIVE PANEL



Part No.	Use with	Price
BYCP125KW1	FCQ, FXFQ-PAVJU	\$687.24
BYCQ125BW1	FXFQ_TVJU	\$554.40
BYEP40AW1	FXEQ7-15	\$663.30
BYEP63AW1	FXEQ18-24	\$783.20
BYFQ60B3W1	FFQ	\$640.20
BYFQ60C2W1W	FXZQ-A (White Panel)	\$309.12



KRCS011B

REMOTE TEMPERATURE SENSOR



Part No.	Description	Price
DACAKRCSPW80	Remote Temperature Sensor Cable 80' Plenum Rated	\$618.20
KRCS011B	Remote Temperature Sensor for SkyAir, VRV (Round Flow Type Excluded)	\$122.82
KRCS014B	Remote Temperature Sensor for Round Flow Type SkyAir and VRV	\$110.00
KRCSPW40	Remote Temperature Sensor Cable 40' Plenum Rated	\$299.20



MSW144250

TYPE TC MINI-SPLIT CABLE

MSW stranded (non-shielded) cable used for mini-split installation

- THHN, 600 volt
- Power and control cable is sunlight resistant and suitable for direct burial underground.

- Must be contained in conduit (EMT) inside the structure.
- May not be used in a Plenum Space.

Part No.	Gauge	Nb. of Conductors	Length (Ft.)	Price
MSW144250	14.0	4	250.0	☎
MSW14450	14.0	4	50.0	☎



58340803

PVC COATED METAL CLAD CABLE

MSW stranded (non-shielded) cable used for mini-split installation

- THHN, 600 volt
- Power and control cable is sunlight resistant and suitable for direct burial underground.
- Does not require additional conduit inside the structure
- May not be used in a Plenum Space.



Part No.	Gauge	Nb. of Conductors	Length (Ft.)	Price
58340802	14.0	4	250.0	\$680.46
58340803	14.0	4	50.0	\$136.10



MSWP1825

CONTROL WIRE

Control wire stranded (non-shielded) gray, plenum rated.



Part No.	Gauge	Nb. of Conductors	Length (Ft.)	Price
MSWP1825	18.0	2	500.0	☎



FSG1



Part No.	Description	Price
FSG1	Flare Size Gauge	\$29.26

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

MINI-SPLIT ACCESSORIES

ACCESSORIES



MSWCH

WALL CONTROL

Part No.	Description	Price
MSWCH*	Wall Control	\$152.00
WCM1*	Optional Wall Control for Sea Breeze 15 SEER Mini-Split Units	\$132.00



BR440

MOUNTING BRACKET

Mounting brackets for mini-split outdoor units

Part No.	Description	Ship Wgt (Lbs.)	Price
BR440L	Condenser mounting bracket, 440 lb max, 20.5 Extension	9.0099	\$130.80



65775

UNIVERSAL REMOTE CONTROL

Will operate with virtually any mini-split produced in any region of the world. Programming is accomplished by imputing your mini-split brand code or use the easy and intuitive self learn mode to set-up the remote to operate your mini-split. Operates with 2 AAA

batteries.

- One touch function with LCD display
- Braille enabled
- Celsius or fahrenheit display
- Clock display
- 24 Hr. on/off timer for energy savings
- Displays room temperature
- Energy saver feature
- Automatically determines heat or cool mode



Part No.	Description	Price
65775*	Universal Remote Control for Mini-Splits	\$50.76



DC6000WF1001

D6 PRO WI-FI DUCTLESS CONTROLLER

- Compatible with most major brands and models
- Application:
 - Infrared range to ductless unit in line of sight is 30 ft.
- Programmable (through app) for a time based 7 day, 5-2 day, or 1-week programs, or non-programmable, or GeoFence with sleep periods
- D6 control can sit on the tabletop stand (included) or be mounted to a wall using the adhesive strips (included)
- Powered from USB cable (included) or wall plug (included). Plugs into 120 volt AC wall outlet
- 5-year warranty

Honeywell Home

Part No.	Description	Price
DC6000WF1001	Ductless, Mini-Split Control, Programmable, Wifi	\$325.50



MCCUT

MC ROTARY CUTTER

- Quickly splits the armored jacket on #10, 12 and 14 armored cables and 3/8" flexible conduit with a few turns of the handle
- Adjustable cutting depth for standard and reduced diameter BX/MC cables
- Stores up to 6 extra blades in handle knob
- Durable die cast epoxy enameled construction
- Less hazardous than traditional MC cable cutting methods
- Replacement blades are available (MCBLADE)
- Includes 1 Blade



Part No.	Description	Price
MCCUT	MC Rotary Cutter	\$80.48



MCLTCA

LIQUID TIGHT CONNECTOR

Alloy steel MC connectors, liquid-tight, zinc plated.
3/4" 90° Connection



Part No.	Length (In.)	Diameter (In.)	Hex Size (In.)	Type	Price
MCLTCA	3 1/2	2	1 1/8	90 Degree	\$25.80
MCLTCS	1 31/32	1 13/16	1 1/8	Straight	\$20.12

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

THRU WALL AIR CONDITIONING



PTACR410A

PACKAGE TERMINAL AIR CONDITIONING

Sea Breeze PTAC's are a durable choice for new construction, or as replacement units in hospitality and healthcare facilities. Simple design to fit any deco, these units deliver comfort, while saving you money.

- Easy to use controls and operation.
- Fit industry standard 42" x 16" wall sleeves.
- Economical performance
- Washable filter
- User-friendly controls
- Low sound levels
- Humidity control

New design with Flex option: change from 2kW, 3kW or 5 kW heater with quick connect plug

COOLING, R410A

New design with Flex option: change from 2kW, 3kW or 5kW heater with quick connect plug



Part No.	Capacity (BTUH)		Auxiliary Heat (kW)	Voltage	EER	CFM	Ship Wgt (Lbs.)	Price
	Cooling	Heating						
PTAC412CH3VC*	11800	10600	3.0	265/277/1/60	11.6	341	138	\$1,642.36
PTAC412CH3ZC	11600	10400	3.0	208-230/1/60	11.6	341	123	\$1,526.94
PTAC415CH3VC*	14500	13300	3.0	265/277/1/60	10.4	341	138	\$1,737.06
PTAC415CH3ZC*	14200	13000	3.0	208-230/1/60	10.4	341	128	\$1,612.76
PTAC49CH3VC*	9400	8300	3.0	265/277/1/60	12.1	330	138	\$1,577.26
PTAC49CH3ZC*	9200	8100	3.0	208-230/1/60	12.1	330	118	\$1,467.76

HEAT PUMP, R410A



Part No.	Capacity (BTUH)		Auxiliary Heat (kW)	Voltage	EER	CFM	Ship Wgt (Lbs.)	Price
	Cooling	Heating						
PTAC412HP3VC*	11800	10600	3.0	265/277/1/60	11.6	341	138	\$1,805.60
PTAC412HP3ZC*	11600	10400	3.0	208-230/1/60	11.6	341	130	\$1,670.56
PTAC415HP3VC*	14500	13300	3.0	265/277/1/60	10.4	341	141	\$1,913.24
PTAC415HP3ZC	14200	13000	3.0	208-230/1/60	10.4	341	132	\$1,731.14
PTAC49HP3VC	9400	8300	3.0	265/277/1/60	12.1	330	133	\$1,749.14
PTAC49HP3ZC*	9200	8100	3.0	208-230/1/60	12.1	330	126	\$1,563.82



COOLING/HEAT PUMP, R410A

Heat pump model provides 11000 BTUH reverse cycle heat plus an additional 3.5 kW backup

- Auto restart
- 3 speed fan
- Self diagnostics
- Clock timer
- Wireless remote
- Sleep mode
- Dehumidification
- Washable filter



Part No.	Capacity (BTUH)		Voltage	CFM	Ship Wgt (Lbs.)	Price
	Cooling	Heating				
STW410AYRE*	10000	—	115/1/60	269	68	\$885.34
STW410AZEB*	10000	—	208-230/1/60	275	69.3	\$901.66
STW412AYRE*	12000	—	115/1/60	286	78	\$952.00
STW412HPZRB*	11700/11500	11400/11200	208-230/1/60	288	86	\$1,154.66
STW48AYRE*	8000	—	115/1/60	270	68	\$664.00

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

ROOM AIR CONDITIONING

THRU WALL AIR CONDITIONING

ACCESSORIES



4230050



Part No.	Description	Ship Wgt (Lbs.)	Price
2KWPC230	Power Cord for all ZC 208/230V PTAC models, 20 Amps, 2 kW	1	\$105.84
2KWPC277	Power Cord for all VC 265/277V PTAC models, 20 Amps, 2 kW	0.68	\$111.14
3KWPC230	Power Cord for all ZC 208/230V PTAC models, 20 Amps, 3 kW	1	\$105.84
3KWPC277	Power Cord for all VC 265/277V PTAC models, 20 Amps, 3 kW	1	\$105.80
4230050*	Wall Sleeve 26", for STW Series	25.86	\$133.48
4250018*	Wall Mount Thermostat, for R22 Units	1	\$42.00
4250019*	Wall Sleeve	27.96	\$188.80
4250024*	Outdoor Louvered Grill	6	\$86.70
4250025*	Clear Anodized Grill	7.58	\$198.88
4250027*	Outdoor Soft Dove Powder Coated	7.02	\$226.42
4250029*	PTAC Leveling Legs	0.65	\$48.34
5KWPC230*	Power Cord for 12K and 15K PTAC ZC Models, 208/230V, 30 Amps, 5 kW	1.57	\$130.98
5KWPC277*	Power Cord for 12K and 15K PTAC VC Models, 265/277V, 30 Amps, 5 kW	1.05	\$130.98

WINDOW AIR CONDITIONER

ROOM AIR CONDITIONER, R410A



WA46YER

- Multiple functions: cooling, dehumidifying, fan ventilation
- 3 speed fan selection: low/medium/high
- Electronic touch control panel with remote (on electronic models only (R))
- Digital display
- Retracting louvers
- Slide-out, washable filter
- Installation kit with expandable side panels
- Temperature adjustment: 64 to 86°F
- M suffix: mechanical control
- R suffix: remote control



Part No.	Capacity (BTUH)					Cabinet Dimensions (In.)					
	Cooling	Heating	Voltage	EER	CFM	H	W	D	Energy Star	Ship Wgt (Lbs.)	Price
WA418ZREC*	17700/18000	—	208-230/1/60	11.8	360	17.9	23.6	25.4	Yes	128	\$1,118.22
WA425ZREC*	24700/25000	—	208-230/1/60	10.3	523	18.6	26.5	26.5	Yes	165	\$1,400.20
WA428ZRB*	27500/28000	—	208-230/1/60	9.0	523	18.6	26.5	26.5	No	156	\$1,717.82
WH412ZRB*	11600/12000	8500/11000	208-230/1/60	10.9	696	16.1	22.6	23	No	115	\$1,040.40
WH418ZRC*	18200/18500	13000/16000	208-230/1/60	10.7	446	17.9	23.6	25.4	No	145	\$1,241.98
WH425ZRC*	24700/25000	13000/16300	208-230/1/60	9.4	523	18.6	26.5	26.5	No	165	\$1,490.94
WH48YRC*	8000	3500	115/1/60	10.9	642	16.1	22.6	23	No	95	\$823.78
WA46YER*	6050	—	115/1/60	12.3	177	12.8	18.6	15.7	Yes	47.5	\$472.84
WA48YER*	8000	—	115/1/60	12.1	224	12.8	20.9	15.8	Yes	59.5	\$550.68
WA410YER*	10200	—	115/1/60	12.1	288	15.7	21.3	21.5	Yes	73.9	\$670.90
WA412YER*	12100	—	115/1/60	12.1	288	15.7	21.3	21.4	Yes	79.2	\$774.62
WA414YER*	14300	—	115/1/60	11.9	430	17.71	23.62	25.98	Yes	117	\$969.10

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

PORTABLE ROOM AIR CONDITIONER



PAS412M

PORTABLE, R410A

- 10+ gallons dehumidification capacity a day
- 3 fan speeds
- Washable filter
- Includes flexible vent hose and window adapter
- Digital display
- 24 hour on/off
- Caster wheels
- All units are single pipe units, except PAS412DM (dual pipe)



Part No.	Cooling Capacity (BTUH)	CFM	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	D		
PAS412DM*	12000	282	115/1/60	30.1	18.4	18.8	71.5	\$1,159.86
PAS412MS*	12000	265	115/1/60	27.6	17.9	14.4	77.4	\$1,073.84
PAS414MS*	14000	292	115/1/60	30.1	18.4	15.6	84.8	\$1,183.60

HIGH STATIC PRESSURE SYSTEM

THE UNICO SYSTEM

The Unico System for modular air conditioning fan/coil units uses a conventional outdoor condensing unit or heat pump in conjunction with a specialty designed indoor evaporator fan/coil unit, which distributes air through a high static pressure system of small ducts and plenums. Supply ducts to individual rooms are only 2" inside diameter.

The Unico System fits where other conventional cooling and heating systems can't—with little or no remodeling required! The modular air handlers and coils can be installed easily into attics, ceilings, crawlspaces and closets. The flexible mini-ducts can be routed through existing ceiling, floor and wall cavities, eliminating the need for unsightly and noisy metal ductwork. Cumbersome metal ducts are eliminated.



M3036BL2ST2

BLOWER/MODULE

Blowers suffixed with an L are low speed modules intended for new systems and most replacement applications and provide improved efficiency and radiated sound levels. Units suffixed with an H are high-speed modules intended for

The modules can be arranged in a horizontal, upflow, or downflow configuration

You'll feel the Unico System's cool comfort, but you'll hardly hear it. The last 36" section of duct has flexible, sound absorbing tubing that provides quiet air flow from each individual outlet. The central return air grille also connects to sound absorbing duct to maintain quiet operation.

The Unico System works on the principle of aspiration. Cool streams of high velocity air enter a room, creating gentle circulation without drafts.

The Unico System removes up to 30% more moisture than conventional central air conditioning systems. That means more comfort for you, even at higher thermostat settings.

replacement installations with existing Unico System and other high static ducts that are restrictive and impractical to upgrade.

Match blower module with appropriate cooling/heat pump module (and/or heating module if hot water or electric heat are required).

- LCB Blower modules have an electronic enhanced control board.
- Height does not include control box; may be re-mounted on air outlet side

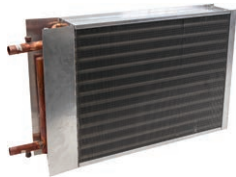
The Unico System®

Part No.	Use with	Tonnage	Voltage	CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					H	W	D		
M2430BL1EC1*	Blower	2 to 2 1/2	115/1/60	500 1.2" ESP 206W	17.5	25	13.75	62	\$2,529.34
M2430BL1EC2*	Blower	2 to 2 1/2	208-230/1/60	—	17.5	25	13.75	62	\$2,529.34
M3642BL1EC1*	Blower	3 to 3 1/2	115/1/60	—	17.5	38	13.75	67	\$2,849.34
M3642BL1EC2*	Blower	3 to 3 1/2	208-230/1/60	—	17.5	38	13.75	74	\$2,849.34
M4860BL1EC1*	Blower	4 to 5	115/1/60	—	17.5	38	13.75	67	\$3,010.68
M4860BL1EC2*	Blower	4 to 5	208-230/1/60	1000 1.2" ESP 346W	17.5	38	13.75	74	\$3,010.68
M3036BL2ST2*	Blower	2 to 3	208-230/1/60	750	17.5	30	13.75	73	\$1,678.68

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THE UNICO SYSTEM

HIGH STATIC PRESSURE SYSTEM



HW2430

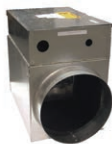
HEATING SLEEVE, MODULE

Match with appropriate blower module for heating only applications or to improve cooling air flow and provide for future heat capability (sleeve only-add appropriate coil).

- Note unit width for match

The Unico System®

Part No.	Tonnage	Heating (BTUH)	Ship Wgt (Lbs.)	Price
HW2430*	2 to 2 1/2	73800	27.34	\$1,000.00



WON0752B

ELECTRIC HEAT COIL

Ships with a 10" round adapter.

The Unico System®

Part No.	kW Rating	Ship Wgt (Lbs.)	Price
WON0502B*	5.0	22	\$1,096.24
WON0752B*	7.5	29	\$1,242.50
WON1502B*	15.0	36	\$2,242.18
WON2002B*	20.0	40	\$2,463.70



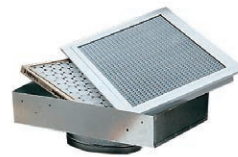
UPC94

SECONDARY DRAIN PAN

For protection against condensate overflow.

The Unico System®

Part No.	Use with	Nb. of Modules	Dimensions (In.)			Price
			H	W	L	
UPC20B*	2430	2	1.5	27	29.5	\$171.82
UPC20C*	2430	3	1.5	27	41.75	\$191.70
UPC24B*	3642	2	1.5	40	29.5	\$213.00
UPC24C*	3642/4860	3	1.5	40	41.75	\$224.36
UPC24D*	4860	3	1.5	40	50	\$249.92
UPC94*	1218	1	1.5	22	40	\$171.82



UPC01-1218

RETURN GRILLE/FILTER

Includes throwaway filter, 2 duct bands and clips.

Note: Unico supplies a return duct system, but field supplied systems are acceptable as long as pressure drop including filter does not exceed .15" W.G.

The Unico System®

Part No.	Tonnage	Dimensions (In.)			Price
		W	L	Duct	
UPC01-1218*	1 to 1 1/2	10	15.5	12	\$309.56
UPC01-2430*	2 to 2 1/2	14.25	25.25	14	\$391.66
UPC01-3642*	3 to 3 1/2	14.25	30.25	18	\$383.40
UPC01-4860*	4 to 5	24.25	30.25	20	\$548.12



UPC04-2430

RETURN AIR DUCT

- 10 Ft long

The Unico System®

Part No.	Use with	Insulation Value	Dimensions (In.)		Price
			Duct		
UPC04-1218*	1218	R4.2	12		\$251.66
UPC04-2430*	2430	R4.2	14		\$264.12
UPC04-3642*	3642	R4.2	18		\$376.30
UPC04-4860*	4860	R4.2	20		\$391.92
UPC04R61218*	1218	R6.0	12		\$276.90
UPC04R62430*	2430	R6.0	14		\$349.32
UPC04R63642*	3642	R6.0	18		\$438.78
UPC04R64860*	4860	R6.0	20		\$497.00



UPC104-1218

RETURN AIR ADAPTER, HEATING MODULE

- Mates directly to heating module
- No additional fabrication
- Use for horizontal or vertical installations
- Height 17.5 in.

The Unico System®

Part No.	Use with	Dimensions (In.)			Price
		H	W	Duct	
UPC104-1218*	1218	17.5	20	12	\$156.20
UPC104-2430*	2430	17.5	25	14	\$313.34
UPC104-3642*	3642	17.5	38	18	\$383.34
UPC104-4860*	4860	17.5	38	20	\$326.60

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



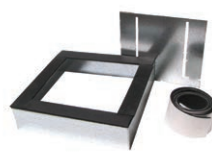
UPC59-2430

RETURN AIR ADAPTER, COOLING MODULE

- Includes insulation wrap shipped loose

The Unico System®

Part No.	Use with	Dimensions (In.)			Price
		H	L	Duct	
UPC59-2430*	2430	13.5	23	14	\$156.20
UPC59-3642*	3642	13.5	35	18	\$193.12
UPC59-4860*	4860	11.5	35	20	\$214.42



UPC62-2430

PLENUM ADAPTER, SQUARE

Includes:

- Restrictor plate (except UPC62-1218)
- Insulation tape
- Mounting screws

The Unico System®

Part No.	Duct Size (In.)	Used on	Price
UPC62-1218*	6.5" x 6.5"	1218	\$55.38
UPC62-2430*	6.5" x 6.5"	2430	\$65.32
UPC62-3642*	8.5" x 8.5"	3642	\$69.58
UPC62-4860*	9.5" x 9.5"	4860	\$75.26



UPC612430

SUPPLY AIR PLENUM ADAPTER

- 1" insulation blanket provided
- Transitions blower module to indicated round duct

The Unico System®

Part No.	Duct Diameter (In.)	Length (In.)	Use with	Price
UPC611218*	7	12	1218	\$76.66
UPC612430*	7	12	2430	\$65.32
UPC613642*	9	18	3642	\$69.58
UPC614860*	10	18	4860	\$75.26



UPC1910X9X9

FULL FLOW TEE

1" fiberglass

The Unico System®

Part No.	Description	Price
UPC16V065S4*	Square, 6.5" x 6.5", with Turning Vane	\$700.06
UPC16V085S4*	Square, 8.5" x 8.5", with Turning Vane	\$700.06
UPC16V095S4*	Square, 9.5" x 9.5", with Turning Vane	\$781.00
UPC19V10X9X9*	Metal Reducing Tee 10" x 9" x 9", with Turning Vane	\$119.28
UPC19V9X7X7*	Metal Reducing Tee 9" x 7" x 7", with Turning Vane	\$99.40



UPC12065S4

SUPPLY DUCT

1" rigid fiberglass

The Unico System®

Part No.	Description	Price
UPC12065S64*	Square, 6.5" x 6.5"	\$932.94
UPC12085S64*	Square, 8.5" x 8.5"	\$952.82
UPC12085S68F*	Flat, 8.5" x 8.5"	\$1,611.66
UPC12095S64*	Square, 9.5" x 9.5"	\$1,174.34

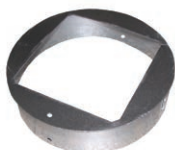


UPC15B

END CAP

The Unico System®

Part No.	Description	Price
UPC15065S4*	Square, 7.5" x 7.5"	\$55.38
UPC15B085S4*	Square, 8.5" x 8.5"	\$88.04
UPC15B095S4*	Square, 9.5" x 9.5"	\$106.50



UPC61

PLENUM ADAPTER, ROUND

Slips over duct ends

The Unico System®

Part No.	Description	Price
UPC61*	Round: 9" I.D.	\$59.64



UPC18B4

ELBOW

1" fiberglass

The Unico System®

Part No.	Description	Price
UPC18065S4*	Square, 6.5" x 6.5"	\$468.60
UPC18085S4*	Square, 8.5" x 8.5"	\$502.68
UPC18095S4*	Square, 9.5" x 9.5"	\$670.00

*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

THE UNICO SYSTEM

HIGH STATIC PRESSURE SYSTEM



ROUND OUTLET, TWIST-FIT SYSTEM

- Lock-and-release tabs for easy assembly
- Change outlet face plates in a snap
- Reduce supply tube installation time by as much as 50%!
- The Twist-Fit System provides the

tightest connections and fastest installation.

The Unico System®

Part No.	Description	Price
UPC56TB1*	White 2" TFS Round Outlet	\$14.20
UPC56TB6*	White 2" TFS Round Outlet, 6 pack	\$71.00



OUTLET KIT, 2"

Kits include list below plus specific itemized takeoffs. Multi-kit quantities in parentheses.

- 1 (5) UPC56B supply outlet (off-white)
- 2 (10) UPC53 scrim core clamp 575
- 2 (10) UPC52 supply tube clamp 605
- 2 (10) UPC51 toggle and screw

- 1 (1) UPC35 balancing orifice kit
- 1 (5) UPC42 winter shutoff
- 1 (5) UPC38 supply duct coupling
- 1 (1) Takeoff balancing cap

The Unico System®

Part No.	Description	Includes	Price
UPC80F1*	Fiberglass Single Outlet Kit	(1) UPC23 Fiberglass Takeoff + UPC26C 12' Sound Alternator tube	\$180.16
UPC80M1*	Metal Single Outlet Kit	(1) UPC28 Metal Takeoff + UPC26C 12' Sound Alternator tube	\$211.46
UPC89F6*	Fiberglass Multi-Install Kit	(6) UPC23 Fiberglass Takeoffs	\$401.86
UPC89M6*	Metal Multi-Install Kit	(6) UPC28 Metal Takeoffs	\$392.82



OUTLET KIT, 2 1/2"

Kits include list below plus specific itemized takeoffs. (Installation kit quantities in parentheses)

- Supply outlet - 1 (5)
- Scrim core clamp - 2 (10)
- Supply tube clamp - 0 (10)
- Toggle and screw - 0 (10)

- Balancing orifice kit - 1 (1)
- Winter shutoff - 1 (5)
- Supply duct coupling - 1 (5)

The Unico System®

Part No.	Description	Includes	Price
UPC280M1*	Single Outlet Kit, 2.5"	12' R-3.3 Attenuator Tube	\$235.72
UPC280MR61*	Single Outlet Kit, 2.5"	12' R-6.0 Attenuator Tube	\$391.92
UPC289M5*	Installation Kit, Round Metal Plenum, 2.5"	Round Metal Plenum Takeoffs	\$485.00
UPC289MF5*	Installation Kit, Square Metal Plenum, 2.5"	Square Metal Plenum Takeoffs	\$413.22



OUTLET KIT, SHORT

Kit includes:

- 5-UPC26C 12" Sound Attenuator tube
- 5-UPC56B Supply Outlet
- 5-UPC42 Winter Shutoff
- 10-UPC51 Toggle and Screw

The Unico System®

Part No.	Includes	Price
UPC845*	5-UPC23 Fiberglass Takeoffs	\$404.70
UPC855*	5-UPC28 Metal Takeoffs	\$404.70



EXPANSION VALVE, R410A

The Unico System®

Part No.	Use with	Ship Wgt (Lbs.)	Price
A00805013*	2 Ton, A/C	2	\$161.66
A00805014*	3 to 3 1/2 Ton, A/C	2	\$180.00
A00808013*	2 Ton, Heat Pump	2	\$235.00
A00808014*	3 to 3 1/2 Ton, Heat Pump	2	\$235.00
A00808015*	4 Ton, Heat Pump	1.4	\$256.66



SUPPLY TERMINATOR

The Unico System®

Part No.	Description	Price
UPC256*	Plastic Outlet, 2.5"	\$31.24
UPC257R0*	Red Oak Face Outlet, 2.5"	\$218.34
UPC57M*	Maple Face 0° Outlet, 2.0"	\$115.00
UPC57PI*	Pine Face 0° Outlet, 2.0"	\$113.34
UPC58115* ¹	15° Angle Outlet, 2.0"	\$59.64
UPC58125* ¹	25° Angle Outlet, 2.0"	\$41.18

¹Includes toggles and screws



SLOTTED OUTLET

The Unico System®

Part No.	Description	Price
UPC66*	Slotted Outlet	\$234.30

⚠️ *WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

OUTLET ACCESSORIES



UPC45-5

The Unico System®

Part No.	Description	Price
UPC2455*	Outlet Deflecto , 2.5", pkg. 5	\$71.00
UPC28820*	Outlet Screen, White, 2.5", pkg. 20	\$96.56
UPC28820BLK*	Outlet Screen, Black, 2.5", pkg. 20	\$93.34
UPC455*	Outlet Deflecto , 2", each	\$78.10
UPC51*	Outlet Toggle and Screw pkg. 10	\$32.66
UPC8820*	Outlet Screen, 2", pkg. 20	\$65.32
UPC88-20EA*	Outlet Screen, 2", each.	\$76.66

TOOL



UPC54

The Unico System®

Part No.	Description	Price
UPC54*	Clamp Pliers	\$101.90
UPC55*	Hole Cutter	\$129.22

MILD WEATHER KIT

Pressure sensor for heat pumps operating in mild weather.



UPC65

The Unico System®

Part No.	Description	Price
UPC65*	Mild Weather Kit, R22 Heat Pump	\$147.68
UPC65X*	Mild Weather Kit, R410A Heat Pump	\$290.00

MOUNTING RAILS

- 12 ga. steel



UPC-95

The Unico System®

Part No.	Description	Price
UPC-95*	Mounting Rails for M1218	\$100.54

PLASTER FRAME KIT

Designed for locating outlet before sheetrock is applied (for new construction)

- 2 Left hanger bars
- 2 Right hanger bars
- 1 Plaster frame



UPC86-5EA

The Unico System®

Part No.	Includes	Price
UPC865*	Plaster Frame Kit, pkg. 5	\$176.08

SOUND ATTENUATOR WITH TWIST-FIT SYSTEM



UPC-226-R8-5

- Sound Attenuator tubing, sold in 12' lengths
- Can be cut to length as needed
- The inner core layer of the tubing is either: Two-ply corrugated aluminum OR spun-bound nylon
- The outer jacket is made of a two-ply reinforced reflective mylar; providing a vapor seal to prevent leakage and moisture migration and increases the insulation factor by reducing the radiant heat transfer. A fiberglass blanket insulation then fills the void between the jacket and the core
- The R3.3 and R4 duct have one insulation layer and vapor barrier
- The R6 and R8 have two layers of insulation and a double vapor seal
- The Twist-Fit System provides the tightest connections and fastest installation.

The Unico System®

Part No.	ID (In.)	R-Factor	Pkg Qty	Price
UPC26TC1*	2	R - 3.3	1	\$137.74
UPC26TCR41*	2	R - 4.2	1	\$151.94
UPC26TCR46*	2	R - 4.2	6	\$673.08
UPC26TCR61*	2	R - 6.0	1	\$203.06
UPC26TCR66*	2	R - 6.0	6	\$978.38
UPC26TCR81*	2	R - 8.0	1	\$231.46
UPC26TCR86*	2	R - 8.0	6	\$1,137.42
UPC26TC6*	2	R - 3.3	6	\$623.38

SOUND ATTENUATOR



UPC26C6

- Tough aluminized mylar outer wrap
- Spun-bonded nylon and helical wire core
- Fully insulated
- 12' length
- Certified as an air duct per UL18

The Unico System®

Part No.	ID (In.)	R-Factor	Pkg Qty	Price
UPC2265*	2.5	R - 3.2	5	\$552.38
UPC226R45*	2.5	R - 4.2	5	\$650.36
UPC226R65*	2.5	R - 6.0	5	\$1,035.00
UPC226R85*	2.5	R - 8.0	5	\$1,025.24
UPC26CR66*	2.0	R - 6.0	6	\$865.40

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THE UNICO SYSTEM

HIGH STATIC PRESSURE SYSTEM



UPC25T1

SUPPLY TUBING WITH TWIST-FIT SYSTEM

- Aluminum Core tubing, sold in 25' lengths
- Can be cut to length as needed
- The inner core layer of the tubing is either: Two-ply corrugated aluminum OR spun-bound nylon
- The outer jacket is made of a two-ply reinforced reflective mylar; providing a vapor seal to prevent leakage and moisture migration and increases the insulation factor by reducing the radiant heat transfer. A fiberglass blanket insulation then fills the void between the jacket and the core
- The R3.3 and R4 duct have one insulation layer and vapor barrier
- The R6 and R8 have two layers of insulation and a double vapor seal
- The Twist-Fit System provides the tightest connections and fastest installation.

The Unico System®

Part No.	ID (In.)	R-Factor	Pkg Qty	Price
UPC25T1*	2	R - 3.3	1	\$224.36
UPC25TR41*	2	R - 4.2	1	\$268.38
UPC25TR44*	2	R - 4.2	4	\$1,006.78
UPC25TR61*	2	R - 6.0	1	\$326.60
UPC25TR64*	2	R - 6.0	4	\$1,231.14
UPC25TR81*	2	R - 8.0	1	\$362.10
UPC25TR84*	2	R - 8.0	4	\$1,347.58
UPC25T4*	2	R - 3.3	4	\$752.60



UPC254

SUPPLY TUBING

- Tough aluminized mylar outer wrap
- Two-ply aluminum core
- 25' length
- Certified as an air duct per UL18

The Unico System®

Part No.	ID (In.)	R-Factor	Pkg Qty	Price
UPC2251*	2.5	R - 3.2	1	\$254.18
UPC2253*	2.5	R - 3.2	3	\$667.40
UPC225R43*	2.5	R - 4.2	3	\$842.06
UPC225R63*	2.5	R - 6.0	3	\$1,140.26
UPC225R83*	2.5	R - 8.0	3	\$1,463.32
UPC254R44*	2	R - 4.2	4	\$908.24
UPC254R64*	2	R - 6.0	4	\$1,117.94
UPC254R84*	2	R - 8.0	4	\$1,222.80



UPC28T1

PLENUM TAKE OFF, TWIST-FIT SYSTEM

- 2" plastic saddle tap Twist-Fit connector to attach Unico flex duct to metal duct
- The Twist-Fit System provides the tightest connections and fastest installation.

The Unico System®

Part No.	Description	ID (In.)	Pkg Qty	Price
UPC28T1*	Round Metal Duct	2.0	1	\$14.20
UPC28T6*	Round Metal Duct	2.0	6	\$170.40
UPC28TF1*	Flat Metal Duct	2.0	1	\$39.76
UPC28TF6*	Flat Metal Duct	2.0	6	\$214.42



UPC28

PLENUM TAKE OFF

- Provides positive connection to ductwork
- UPC23 for round or square duct

The Unico System®

Part No.	Description	ID (In.)	Price
UPC228*	For Round Metal, Includes Gasket	2.5	\$48.28
UPC228F*	For Flat Metal, Includes Gasket	2.5	\$55.38
UPC23B*	For 1" Fiberglass	2.0	\$39.76



UPC5250

TUBING CLAMP

The Unico System®

Part No.	Description	ID (In.)	Pkg Qty	Price
UPC25250*	Supply Tubing Clamp, 2.5", pkg 50	2.5	50	\$133.48
UPC25350*	Sound Atten. Tube Clamp, 2.5", pkg 50	2.5	50	\$156.66
UPC5250*	Supply Tubing Clamp, 2", pkg 50	2.0	50	\$61.06
UPC52-50EA*	Supply Tubing Clamp, 2", each	2.0	1	\$18.34
UPC5350*	Sound Atten. Tube Clamp, 2", pkg 50	2.0	50	\$61.06
UPC53-50EA*	Sound Atten. Tube Clamp, 2", ea	2.0	1	\$1.64

⚠ WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



BALANCING ORIFICE KIT

Single kit quantities in parentheses

Takeoff kit includes:

- 15 (3) UPC30 15% reduction cap
- 5 (1) UPC31 35% reduction disk
- 5 (1) UPC32 50% reduction disk

UPC3515

Outlet kit includes:

- 5 (1) 15% reduction (1 7/16" hole)
- 5 (1) 35% reduction (1 1/8" hole)
- 5 (1) 50% reduction (15/16" hole)
- 15 (3) UPC42 winter shutoff

The Unico System®

Part No.	Description	ID (In.)	Price
UPC3515*	Takeoff Orifice Ki	2.0	\$92.30
UPC35-15EA*	Takeoff Orifice Kit (Single	2.0	\$7.20
UPC3615*	Outlet Orifice Ki	2.0	\$68.16
UPC36-15EA*	Outlet Orifice Kit (Single	2.0	\$4.22



UPC38TC6

COUPLING KIT, WITH TWIST-FIT SYSTEM

- Pre-installed on tubing
- Contains 2 connectors per coupling to connect tubing together
- Used at the take-off and faceplate
- Comes in white or black, depending on application

- The Twist-Fit System provides the tightest connections and fastest installation.

The Unico System®

Part No.	Description	ID (In.)	Pkg Qty	Price
UPC38TC1*	Coupling Kit, TFS, 2" duct, 2 connectors (1 white, 1 black)	2	1	\$79.52
UPC38TC6*	Coupling Kit, TFS, 2" duct, 12 connectors (6 white, 6 black), makes 6 couplings	2	6	\$284.00



UPC38C-10EA

SUPPLY DUCT COUPLING

Includes tubing clamps and tape rings.

The Unico System®

Part No.	Description	ID (In.)	Price
UPC23810*	Supply Connector Coupling, 2.5", pkg 10	2.5	\$336.66
UPC38C-10EA*	Supply Connector, 2.0", ea	2.0	\$14.20

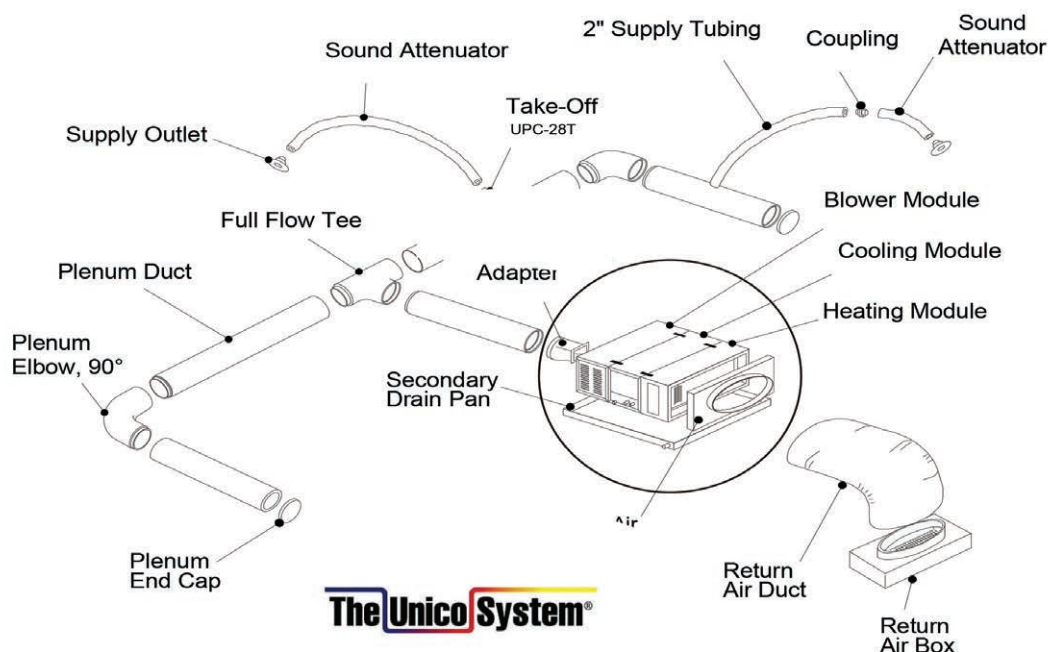


UPC24220

WINTER SHUTOFF

The Unico System®

Part No.	Description	Price
UPC24220*	Winter Supply Shutoff, 2.5", pkg 20	\$56.66
UPC42*	Winter Supply Shutoff, 2", pkg 20	\$49.70
UPC42EA*	Winter Supply Shutoff, 2.0", ea	\$2.34



The Unico System®

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MUSHROOM HOUSE CLIMATE CONTROL



mushroom

MUSHROOM VI

The WeatherKing Mushroom unit was developed in Orlando in the mid 1970s with input from Pennsylvania growers and their service companies. The original Mushroom I, the workhorse unit of the times, was the standard by which all others are judged. The

current Mushroom VI iteration offers many new included features including Thermoguard coated coils and variable speed condenser motors. Optional features include VFD evaporator motors, hot water heating coils, stainless steel cabinet.

- Foamed closed cell insulation
- Slide out blower frame assembly
- Externally mounted belt drive motor
- Dual scroll compressors
- Cabinet built with pre-painted sheet metal
- Stainless steel drain pan
- Pillow block plastic anti-corrosion bearings
- Coated evaporator coil
- Hinged motor cover and belt guard
- 4 step capacity reduction using compressor staging and hot gas bypass on each refrigeration circuit
- Each model available with oversize HP evaporator motors for high ESP conditions: S (standard), M (high static)

ADDISON

Part No.	Nom. Tons	Qty	Scroll Compressors						Dimensions (In.)			Ship Wgt (Lbs.)	Price
			HP	Cooling (BTUH)	Blower CFM	Evaporator Motor (HP)	Voltage	MCA (Amps)	L	W	H		
PCM104M3G ¹	9	2	4.5	114700	4000	2.0	230/3/60	50	84	54+	68	1420	☎
PCM104M3G208 ¹	9	2	4.5	114700	4000	2.0	208/3/60	51	84	54+	68	1420	☎
PCM104M4G ¹	9	2	4.5	114700	4000	2.0	460/3/60	27	84	54+	68	1420	☎
PCM104S3G ¹	9	2	4.5	114700	4000	1.5	230/3/60	50	84	54+	68	1420	☎
PCM104S3G208 ¹	9	2	4.5	114700	4000	1.5	208/3/60	50	84	54+	68	1420	☎
PCM104S4G ¹	9	2	4.5	114700	4000	1.5	460/3/60	26	84	54+	68	1420	☎
PCM134M3G ¹	10	2	5.0	129900	5000	3.0	230/3/60	57	84	54+	68	1450	☎
PCM134M3G208 ¹	10	2	5.0	129900	5000	3.0	208/3/60	56	84	54+	68	1450	☎
PCM134M4G ¹	10	2	5.0	129900	5000	3.0	460/3/60	30	84	54+	68	1450	☎
PCM134S3G ¹	10	2	5.0	129900	5000	2.0	230/3/60	55	84	54+	68	1450	☎
PCM134S3G208 ¹	10	2	5.0	129900	5000	2.0	208/3/60	54	84	54+	68	1450	☎
PCM134S4G ¹	10	2	5.0	129900	5000	2.0	460/3/60	29	84	54+	68	1450	☎
PCM144M3G ¹	12	2	6.0	148700	6000	5.0	230/3/60	67	84	54+	68	1470	☎
PCM144M3G208 ¹	12	2	6.0	148700	6000	5.0	208/3/60	67	84	54+	68	1470	☎
PCM144M4G ¹	12	2	6.0	148700	6000	5.0	460/3/60	—	84	54+	68	1470	☎
PCM144S3G ¹	12	2	6.0	148700	6000	3.0	230/3/60	60	84	54+	68	1470	☎
PCM144S3G208 ¹	12	2	6.0	148700	6000	3.0	208/3/60	62	84	54+	68	1470	☎
PCM144S4G ¹	12	2	6.0	148700	6000	3.0	460/3/60	—	84	54+	68	1470	☎
PCM194M3G ¹	16	2	8.0	210800	8000	5.0	230/3/60	98	88	79+	79 1/2	2015	☎
PCM194M3G208 ¹	16	2	8.0	210800	8000	5.0	208/3/60	98	88	79+	79 1/2	2015	☎
PCM194M4G ¹	16	2	8.0	210800	8000	5.0	460/3/60	50	88	79+	79 1/2	2015	☎
PCM194S3G ¹	16	2	8.0	210800	8000	3.0	230/3/60	91	88	79+	79 1/2	2015	☎
PCM194S3G208 ¹	16	2	8.0	210800	8000	3.0	208/3/60	93	88	79+	79 1/2	2015	☎
PCM194S4G ¹	16	2	8.0	210800	8000	3.0	460/3/60	47	88	79+	79 1/2	2015	☎
PCM254M3G ¹	20	2	10.0	258600	9000	7.5	230/3/60	124	88	79+	79 1/2	2082	☎
PCM254M3G208 ¹	20	2	10.0	258600	9000	7.5	208/3/60	128	88	79+	79 1/2	2082	☎
PCM254M4G ¹	20	2	10.0	258600	9000	7.5	460/3/60	59	88	79+	79 1/2	2082	☎
PCM254S3G ¹	20	2	10.0	258600	9000	5.0	230/3/60	120	88	79+	79 1/2	2082	☎
PCM254S3G208 ¹	20	2	10.0	258600	9000	5.0	208/3/60	121	88	79+	79 1/2	2082	☎
PCM254S4G ¹	20	2	10.0	258600	9000	5.0	460/3/60	56	88	79+	79 1/2	2082	☎
PCM284M3G ¹	25	2	12.0	329400	10000	7.5	230/3/60	140	126 7/8	84+	97	3025	☎
PCM284M3G208 ¹	25	2	12.0	329400	10000	7.5	208/3/60	143	126 7/8	84+	97	3025	☎
PCM284M4G ¹	25	2	12.0	329400	10000	7.5	460/3/60	76	126 7/8	84+	97	3025	☎
PCM284S3G ¹	25	2	12.0	329400	10000	5.0	230/3/60	135	126 7/8	84+	97	3025	☎
PCM284S3G208 ¹	25	2	12.0	329400	10000	5.0	208/3/60	136	126 7/8	84+	97	3025	☎
PCM284S4G ¹	25	2	12.0	329400	10000	5.0	460/3/60	72	126 7/8	84+	97	3025	☎
PCM354M3G ¹	30	2	15.0	376500	12000	10.0	230/3/60	175	126 7/8	84+	97	3105	☎
PCM354M3G208 ¹	30	2	15.0	376500	12000	10.0	208/3/60	181	126 7/8	84+	97	3105	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Continued...

MUSHROOM VI (CONT.D)

Part No.	Nom. Tons	Scroll Compressors							Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Qty	HP	Cooling (BTUH)	Blower CFM	Evaporator Motor (HP)	Voltage	MCA (Amps)	L	W	H		
PCM354M4G ¹	30	2	15.0	376500	12000	10.0	460/3/60	81	126 7/8	84+	97	3105	
PCM354S3G ¹	30	2	15.0	376500	12000	7.5	230/3/60	169	126 7/8	84+	97	3105	
PCM354S3G208 ¹	30	2	15.0	376500	12000	7.5	208/3/60	172	126 7/8	84+	97	3105	
PCM354S4G ¹	30	2	15.0	376500	12000	7.5	460/3/60	79	126 7/8	84+	97	3105	
PCM404M3G ¹	30	2	15.0	405400	14000	15.0	230/3/60	188	126 7/8	84+	107	3580	
PCM404M3G208 ¹	30	2	15.0	405400	14000	15.0	208/3/60	193	126 7/8	84+	107	3580	
PCM404M4G ¹	30	2	15.0	405400	14000	15.0	460/3/60	88	126 7/8	84+	107	3580	
PCM404S3G ¹	30	2	15.0	405400	14000	10.0	230/3/60	175	126 7/8	84+	107	3580	
PCM404S3G208 ¹	30	2	15.0	405400	14000	10.0	208/3/60	181	126 7/8	84+	107	3580	
PCM404S4G ¹	30	2	15.0	405400	14000	10.0	460/3/60	81	126 7/8	84+	107	3580	
PCM454M3G ¹	40	2	20.0	498000	16000	20.0	230/3/60	230	126 7/8	84+	107	3790	
PCM454M3G208 ¹	40	2	20.0	498000	16000	20.0	208/3/60	236	126 7/8	84+	107	3790	
PCM454M4G ¹	40	2	20.0	498000	16000	20.0	460/3/60	101	126 7/8	84+	107	3790	
PCM454S3G ¹	40	2	20.0	498000	16000	15.0	230/3/60	220	126 7/8	84+	107	3790	
PCM454S3G208 ¹	40	2	20.0	498000	16000	15.0	208/3/60	226	126 7/8	84+	107	3790	
PCM454S4G ¹	40	2	20.0	498000	16000	15.0	460/3/60	96	126 7/8	84+	107	3790	

¹+ external belt-sleeve assembly and cover 6"

SELF CONTAINED AIR CONDITIONING

Adjustable 5 Speed DC Indoor Motor
Self Contained Heating and Cooling Units
Precharged and Prewired
Ships with standard Pre-Painted Stamped Exterior Grille
16" x 25" Filter Included
Slide-Out Universal Cooling Chassis provided with polarized molex plug connections

Easy Access Coremax Service Ports
R-410A High Efficiency Compresso
1, 1.5, and 2 Ton Cooling Capacities
TXV installed in all models for optimum performance
Standard Secondary Drain Connection



CPG

GAS HEAT/ELECTRIC COOL, 12 SEER

- Up to 95% Gas Efficiency
- Slide Out Furnace with 409 Stainless Steel Heat Exchanger
- Diagnostic LEDs and flame visible through sight glass on Furnace Door
- 409 Stainless Steel Heat Exchanger
- Sealed Combustion Chamber
- Built In Freeze Protection
- Voltage 208-230/1/60
- Dimensions: 43" H x 28" W x 31 7/16" L



Part No.	Nominal Tons	Capacity (BTUH)		Price
		Cooling	Heating	
CPG41125U	1	12000	23750	\$6,447.25
CPG41132U	1	12000	30400	\$6,480.46
CPG41725U	1.5	17500	23750	\$6,581.81
CPG41732U	1.5	17500	30400	\$6,625.06
CPG41743U	1.5	17500	40850	\$6,705.96
CPG41750U	1.5	17500	46500	\$6,779.24
CPG42325U	2	22000	23750	\$6,993.64
CPG42332U	2	22000	30400	\$7,017.45
CPG42343U	2	22000	40850	\$7,145.69
CPG42350U	2	22000	46500	\$7,182.33

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

SELF CONTAINED AIR CONDITIONING

GAS HEAT, ELECTRIC COOL, 12 SEER

- 80% Gas Efficiency
- Slide-Out Furnace with 409 Stainless Steel Heat Exchanger
- Up to 51,000 BTUH Heating Capacity Output
- Diagnostic LEDs and flame visible through sight glass on Furnace Door
- Sealed Combustion Chamber



Part No.	Nominal Tons	Capacity (BTUH)		Price
		Cooling	Heating	
CPG41128U	1	12000	22400	\$5,595.81
CPG41138U	1	12000	30400	\$5,622.58
CPG41728U	1.5	17500	22400	\$5,736.40
CPG41738U	1.5	17500	30400	\$5,542.18
CPG41751U	1.5	17500	40800	\$5,618.92
CPG41764U	1.5	17500	51200	\$5,767.94
CPG42338U	2	22000	30400	\$5,900.18
CPG42351U	2	22000	40800	\$5,980.06
CPG42364U	2	22000	51200	\$6,139.46
CPG42328U	2	22000	22400	\$6,106.97

ELECTRIC HEAT/COOL, 12 SEER

- Up to 15KW Electric Resistance Heat
- 2 Stage Electric Heat Control Board
- Internal Automatic Reset Thermal Limits
- Internal Fusing
- Heating Capacity @ 230 V



Part No.	Nominal Tons	Capacity (BTUH)		kW Rating	Price
		Cooling	Heating		
CPE41103U	1	12000	10912	3.2	\$4,300.34
CPE41105U	1	12000	15959	4.68	\$4,300.34
CPE41107U	1	12000	22438	6.58	\$4,535.78
CPE41110U	1	12000	31884	9.35	\$4,576.84
CPE41703U	1.5	17500	10912	3.2	\$4,708.06
CPE41705U	1.5	17500	15959	4.68	\$4,526.98
CPE41707U	1.5	17500	22438	6.58	\$4,608.90
CPE41710U	1.5	17500	31884	9.35	\$4,595.86
CPE41715U	1.5	17500	47808	14.02	\$4,931.05
CPE42303U	2	22000	10912	3.2	\$5,077.16
CPE42305U	2	22000	15959	4.68	\$5,077.16
CPE42307U	2	22000	22438	6.58	\$5,167.57
CPE42310U	2	22000	31884	9.35	\$4,950.76
CPE42315U	2	22000	47808	14.02	\$5,084.12

AIR CONDITIONING EQUIPMENT



ACCESSORIES

Custom paint options available for louvered grill



Part No.	Description	Price
CPLG	Louvered Grill	\$728.36
CPWS	Wall Sleeve	\$261.20
CPWSA	Wall Sleeve Adapter	\$96.56

WATER SOURCE HEAT PUMP, GREENSOURCE I SERIES NEW

- Constructed using galvanized steel
- Standard hanging bracket kits on HZ units for suspending the unit from field supplied hanger rod
- Up to 16.9 EER (GLHP)
- PSC blower motors for all sizes
- Unit Configuration
- Left hand or right hand return air
- Top or end supply air
- Copper or Cupro-Nickel Coaxial Coil
- Standard 1" Throwaway Filter with 2 side Filter Rack
- 1/2" Dual Density Fiber Insulation
- Non-combustible, non-hygroscopic and does not support fungal growth
- Meets NFPA 90A and 90B for fire protection
- Meets the GREENGUARD Indoor Air Quality Standard
- All panels are insulated using 1.5 lb./cu.ft. density micromat fiberglass insulation for both thermal insulation and noise reduction

- Compressors
- Floating compressor base pan for quiet operation
- Rotary type compressors on sizes 007 through 018
- Scroll type compressors on sizes 024 through 070
- Thermal Expansion Valve
- Tin plated coil
- UPM circuit board with communicating features
- Completely serviceable from front of unit as well as insulated bulkheads allow the unit to be serviced during operation
- DuoGuard™ Evaporator Coil
- Electronic Circuit Board UPM
- 75 VA Transformer
- All water connections are heavy duty bronze FPT fittings securely fastened to the unit corner post

Warranty

- 1 year all parts limited warranty
- 5 year compressor limited warranty



svhz

HORIZONTAL, WATER SOURCE HEAT PUMP, GREENSOURCE I SERIES, SV MODEL

The SV Model is a cost-effective single stage water source heat pump designed for commercial retrofit and new construction applications.

- PSC Motor is standard
- 208-230/1/60

- Designed using the optimum combination of compressor, water and copper aluminum-fin evaporator coils with capillary tubes to provide peak performance.

Capacities rated 77°F cooling, 32°F heating

Orientation:

LE: Left return, end discharge

RE: Right return, end discharge



Part No.	Nom. Tons	Orientation	Heat Exchangers	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Cool	Heat			L	W	H		
SV0071HZCFLEPDCXAT*	1/2	LE	Copper	3.1	6800	4900	300	PSC	33	19	11.5	126	\$3,464.00
SV0071HZCFREPDCXAT*	1/2	RE	Copper	3.1	6800	4900	300	PSC	33	19	11.5	126	\$3,464.00
SV0071HZNFLEPDCXAT*	1/2	LE	Cupro-Nickel	3.1	6800	4900	300	PSC	33	19	11.5	126	\$3,764.80
SV0071HZNFREPDCXAT*	1/2	RE	Cupro-Nickel	3.1	6800	4900	300	PSC	33	19	11.5	126	\$3,764.80
SV0091HZCFLEPDCXAT*	3/4	LE	Copper	4.3	8700	6900	330	PSC	33	19	11.5	130	\$3,464.00
SV0091HZCFREPDCXAT*	3/4	RE	Copper	4.3	8700	6900	330	PSC	33	19	11.5	130	\$3,464.00
SV0091HZNFLEPDCXAT*	3/4	LE	Cupro-Nickel	4.3	8700	6900	330	PSC	33	19	11.5	130	\$3,546.40
SV0091HZNFREPDCXAT*	3/4	RE	Cupro-Nickel	4.3	8700	6900	330	PSC	33	19	11.5	130	\$3,546.40
SV0121HZCFLEPDCXAT*	1	LE	Copper	5.8	11800	8700	375	PSC	33	19	11.5	132	\$3,531.20
SV0121HZCFREPDCXAT*	1	RE	Copper	5.8	11800	8700	375	PSC	33	19	11.5	132	\$3,531.20
SV0121HZNFLEPDCXAT*	1	LE	Cupro-Nickel	5.8	11800	8700	375	PSC	33	19	11.5	132	\$3,613.60
SV0121HZNFREPDCXAT*	1	RE	Cupro-Nickel	5.8	11800	8700	375	PSC	33	19	11.5	132	\$3,613.60
SV0151HZCFLEPDCXAT*	1 1/4	LE	Copper	7	14200	11300	500	PSC	43	22	17	132	\$3,766.40
SV0151HZCFREPDCXAT*	1 1/4	RE	Copper	7	14200	11300	500	PSC	43	22	17	151	\$3,766.40
SV0151HZNFLEPDCXAT*	1 1/4	LE	Cupro-Nickel	7	14200	11300	500	PSC	43	22	17	151	\$3,847.20
SV0151HZNFREPDCXAT*	1 1/4	RE	Cupro-Nickel	7	14200	11300	500	PSC	43	22	17	151	\$3,847.20
SV0181HZCFLEPDDXAT*	1 1/2	LE	Copper	9.3	19200	14300	600	PSC	43	22	17	201	\$4,303.20
SV0181HZCFREPDDXAT*	1 1/2	RE	Copper	9.3	19200	14300	600	PSC	43	22	17	201	\$4,303.20
SV0181HZNFLEPDDXAT*	1 1/2	LE	Cupro-Nickel	9.3	19200	14300	600	PSC	43	22	17	201	\$4,396.00
SV0181HZNFREPDDXAT*	1 1/2	RE	Cupro-Nickel	9.3	19200	14300	600	PSC	43	22	17	201	\$4,396.00
SV0241HZCFLEPDDXAT*	2	LE	Copper	16.9	25400	18100	800	PSC	43	22	17	205	\$4,659.20
SV0241HZCFREPDDXAT*	2	RE	Copper	16.9	25400	18100	800	PSC	43	22	17	205	\$4,659.20
SV0241HZNFLEPDDXAT*	2	LE	Cupro-Nickel	16.9	25400	18100	800	PSC	43	22	17	205	\$4,852.80
SV0241HZNFREPDDXAT*	2	RE	Cupro-Nickel	16.9	25400	18100	800	PSC	43	22	17	205	\$4,852.80
SV0301HZCFLEPDDXAT*	2 1/2	LE	Copper	16	29500	21500	950	PSC	43	22	17	217	\$4,792.00
SV0301HZCFREPDDXAT*	2 1/2	RE	Copper	16	29500	21500	950	PSC	43	22	17	217	\$4,792.00
SV0301HZNFLEPDDXAT*	2 1/2	LE	Cupro-Nickel	16	29500	21500	950	PSC	43	22	17	217	\$5,009.60

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*WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov

SELF CONTAINED AIR CONDITIONING



HORIZONTAL, WATER SOURCE HEAT PUMP, GREENSOURCE I SERIES, SV MODEL (CONT'D.)

Part No.	Nom. Tons	Orientation	Heat Exchangers	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Cool	Heat			L	W	H		
SV0301HZNFPDDXAT*	2 1/2	RE	Cupro-Nickel	16	29500	21500	950	PSC	43	22	17	217	\$5,009.60
SV0361HZCFLEPDDXAT*	3	LE	Copper	19.3	38500	27100	1200	PSC	54.5	22	19	255	\$5,353.60
SV0361HZCFREPDDXAT*	3	RE	Copper	19.3	38500	27100	1200	PSC	54.5	22	19	255	\$5,353.60
SV0361HZNFPDDXAT*	3	LE	Cupro-Nickel	19.3	38500	27100	1200	PSC	54.5	22	19	255	\$5,640.00
SV0361HZNFPDDXAT*	3	RE	Cupro-Nickel	19.3	38500	27100	1200	PSC	54.5	22	19	255	\$5,640.00
SV0421HZCFLEPDDXAT*	3 1/2	LE	Copper	20.9	41200	30000	1380	PSC	54.5	22	19	265	\$5,606.40
SV0421HZCFREPDDXAT*	3 1/2	RE	Copper	20.9	41200	30000	1380	PSC	54.5	22	19	265	\$5,606.40
SV0421HZNFPDDXAT*	3 1/2	LE	Cupro-Nickel	20.9	41200	30000	1380	PSC	54.5	22	19	265	\$5,860.80
SV0421HZNFPDDXAT*	3 1/2	RE	Cupro-Nickel	20.9	41200	30000	1380	PSC	54.5	22	19	265	\$5,860.80
SV0481HZCFLEPDDXAT*	4	LE	Copper	24.5	48400	39300	1640	PSC	54.5	25	21	312	\$6,656.80
SV0481HZCFREPDDXAT*	4	RE	Copper	24.5	48400	39300	1640	PSC	54.5	25	21	312	\$6,656.80
SV0481HZNFPDDXAT*	4	LE	Cupro-Nickel	24.5	48400	39300	1640	PSC	54.5	25	21	312	\$6,868.00
SV0481HZNFPDDXAT*	4	RE	Cupro-Nickel	24.5	48400	39300	1640	PSC	54.5	25	21	312	\$6,868.00
SV0601HZCFLEPDDXAT*	5	LE	Copper	32.9	61600	53400	1900	PSC	54.5	25	21	331	\$8,136.00
SV0601HZCFREPDDXAT*	5	RE	Copper	32.9	61600	53400	1900	PSC	54.5	25	21	331	\$8,136.00
SV0601HZNFPDDXAT*	5	LE	Cupro-Nickel	32.9	61600	53400	1900	PSC	54.5	25	21	331	\$8,481.60
SV0601HZNFPDDXAT*	5	RE	Cupro-Nickel	32.9	61600	53400	1900	PSC	54.5	25	21	331	\$8,481.60
SV0701HZCFLEPDDXAT*	6	LE	Copper	35.4	66400	50800	2000	PSC	65	25	21	360	\$10,335.20
SV0701HZCFREPDDXAT*	6	RE	Copper	35.4	66400	50800	2000	PSC	65	25	21	360	\$10,335.20
SV0701HZNFPDDXAT*	6	LE	Cupro-Nickel	35.4	66400	50800	2000	PSC	65	25	21	360	\$10,742.40
SV0701HZNFPDDXAT*	6	RE	Cupro-Nickel	35.4	66400	50800	2000	PSC	65	25	21	360	\$10,742.40



VERTICAL, WATER SOURCE HEAT PUMP, GREENSOURCE I SERIES, SV MODEL

The SV Model is a cost-effective single stage water source heat pump designed for commercial retrofit and new construction applications.

- PSC Motor is standard
- 208-230/1/60

- Designed using the optimum combination of compressor, water and copper aluminum-fin evaporator coils with capillary tubes to provide peak performance.

Capacities rated 77°F cooling, 32°F heating

Orientation:

LT: Left return, top supply

RT: Right return, top supply



Part No.	Nominal Tons	Orientation	Heat Exchangers	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Cool	Heat			L	W	H		
SV0071VTCFLTPDCXAT*	1/2	LT	Copper	3.1	6800	4900	300	PSC	19	19	24.25	126	\$3,316.80
SV0071VTCFRTPDCXAT*	1/2	RT	Copper	3.1	6800	4900	300	PSC	19	19	24.25	126	\$3,316.80
SV0071VTNFLTDCXAT*	1/2	LT	Cupro-Nickel	3.1	6800	4900	300	PSC	19	19	24.25	126	\$3,399.20
SV0071VTNFRTPDCXAT*	1/2	RT	Cupro-Nickel	3.1	6800	4900	300	PSC	19	19	24.25	126	\$3,399.20
SV0091VTCFLTPDDXAT*	3/4	LT	Copper	4.3	8700	6900	330	PSC	19	19	24.25	130	\$3,452.80
SV0091VTCFRTPDDXAT*	3/4	RT	Copper	4.3	8700	6900	330	PSC	19	19	24.25	130	\$3,452.80
SV0091VTNFLTDDXAT*	3/4	LT	Cupro-Nickel	4.3	8700	6900	330	PSC	19	19	24.25	130	\$3,717.60
SV0091VTNFRTPDDXAT*	3/4	RT	Cupro-Nickel	4.3	8700	6900	330	PSC	19	19	24.25	130	\$3,717.60
SV0121VTCFLTPDCXAT*	1	LT	Copper	5.8	11800	8700	375	PSC	19	19	24.25	132	\$3,384.00
SV0121VTCFRTPDCXAT*	1	RT	Copper	5.8	11800	8700	375	PSC	19	19	24.25	132	\$3,384.00
SV0121VTNFLTDCXAT*	1	LT	Cupro-Nickel	5.8	11800	8700	375	PSC	19	19	24.25	132	\$3,565.60
SV0121VTNFRTPDCXAT*	1	RT	Cupro-Nickel	5.8	11800	8700	375	PSC	19	19	24.25	132	\$3,565.60
SV0151VTCFLTPDCXAT*	1 1/4	LT	Copper	7	14200	11300	500	PSC	21.5	21.5	32.25	151	\$3,621.60
SV0151VTCFRTPDCXAT*	1 1/4	RT	Copper	7	14200	11300	500	PSC	21.5	21.5	32.25	151	\$3,621.60
SV0151VTNFLTDCXAT*	1 1/4	LT	Cupro-Nickel	7	14200	11300	500	PSC	21.5	21.5	32.25	151	\$3,702.40
SV0151VTNFRTPDCXAT*	1 1/4	RT	Cupro-Nickel	7	14200	11300	500	PSC	21.5	21.5	32.25	151	\$3,702.40
SV0181VTCFLTPDDXAT*	1 1/2	LT	Copper	9.3	19200	14300	600	PSC	21.5	21.5	32.25	201	\$4,141.60

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VERTICAL, WATER SOURCE HEAT PUMP, GREENSOURCE I SERIES, SV MODEL (CONT'D.)

Part No.	Nominal Tons	Orientation	Heat Exchangers	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Dimensions (In.)			Ship Wgt (Lbs.)	Price
					Cool	Heat			L	W	H		
SV0181VTCFRTPDDXAT*	1 1/2	RT	Copper	9.3	19200	14300	600	PSC	21.5	21.5	32.25	201	\$4,141.60
SV0181VTNFLTTPDDXAT*	1 1/2	LT	Cupro-Nickel	9.3	19200	14300	600	PSC	21.5	21.5	32.25	201	\$4,234.40
SV0181VTNFRTPDDXAT*	1 1/2	RT	Cupro-Nickel	9.3	19200	14300	600	PSC	21.5	21.5	32.25	201	\$4,234.40
SV0241VTCFLTTPDDXAT*	2	LT	Copper	16.9	25400	18100	800	PSC	21.5	21.5	39.25	205	\$4,490.40
SV0241VTCFRTPDDXAT*	2	RT	Copper	16.9	25400	18100	800	PSC	21.5	21.5	39.25	205	\$4,490.40
SV0241VTNFLTTPDDXAT*	2	LT	Cupro-Nickel	16.9	25400	18100	800	PSC	21.5	21.5	39.25	205	\$4,684.00
SV0241VTNFRTPDDXAT*	2	RT	Cupro-Nickel	16.9	25400	18100	800	PSC	21.5	21.5	39.25	205	\$4,684.00
SV0301VTCFLTTPDDXAT*	2 1/2	LT	Copper	16	29500	21500	950	PSC	21.5	21.5	39.25	217	\$4,623.20
SV0301VTCFRTPDDXAT*	2 1/2	RT	Copper	16	29500	21500	950	PSC	21.5	21.5	39.25	217	\$4,623.20
SV0301VTNFLTTPDDXAT*	2 1/2	LT	Cupro-Nickel	16	29500	21500	950	PSC	21.5	21.5	39.25	217	\$4,681.60
SV0301VTNFRTPDDXAT*	2 1/2	RT	Cupro-Nickel	16	29500	21500	950	PSC	21.5	21.5	39.25	217	\$4,681.60
SV0361VTCFLTTPDDXAT*	3	LT	Copper	19.3	38500	27100	1200	PSC	26	21.5	44.25	255	\$5,172.00
SV0361VTCFRTPDDXAT*	3	RT	Copper	19.3	38500	27100	1200	PSC	26	21.5	44.25	255	\$5,172.00
SV0361VTNFLTTPDDXAG*	3	LT	Cupro-Nickel	19.3	38500	27100	1200	PSC	26	21.5	44.25	255	\$5,190.40
SV0361VTNFLTTPDDXAT*	3	LT	Cupro-Nickel	19.3	38500	27100	1200	PSC	26	21.5	44.25	255	\$5,456.80
SV0361VTNFRTPDDXAT*	3	RT	Cupro-Nickel	19.3	38500	27100	1200	PSC	26	21.5	44.25	255	\$5,456.80
SV0421VTCFLTTPDDXAT*	3 1/2	LT	Copper	20.9	41200	30000	1380	PSC	21.5	26	44.25	265	\$5,384.80
SV0421VTCFRTPDDXAT*	3 1/2	RT	Copper	20.9	41200	30000	1380	PSC	21.5	26	44.25	265	\$5,384.80
SV0421VTNFLTTPDDXAT*	3 1/2	LT	Cupro-Nickel	20.9	41200	30000	1380	PSC	21.5	26	44.25	265	\$5,640.00
SV0421VTNFRTPDDXAT*	3 1/2	RT	Cupro-Nickel	20.9	41200	30000	1380	PSC	21.5	26	44.25	265	\$5,640.00
SV0481VTCFLTTPDDXAT*	4	LT	Copper	24.5	48400	39300	1640	PSC	32.5	24	45.25	312	\$6,421.60
SV0481VTCFRTPDDXAT*	4	RT	Copper	24.5	48400	39300	1640	PSC	32.5	24	45.25	312	\$6,421.60
SV0481VTNFLTTPDDXAT*	4	LT	Cupro-Nickel	24.5	48400	39300	1640	PSC	32.5	24	45.25	312	\$6,632.80
SV0481VTNFRTPDDXAT*	4	RT	Cupro-Nickel	24.5	48400	39300	1640	PSC	32.5	24	45.25	312	\$6,632.80
SV0601VTNFLTTPDDXAT*	5	LT	Cupro-Nickel	32.9	61600	53400	1900	PSC	32.5	24	45.25	331	\$8,225.60
SV0601VTNFRTPDDXAT*	5	RT	Cupro-Nickel	32.9	61600	53400	1900	PSC	32.5	24	45.25	331	\$8,225.60
SV0701VTCFLTTPDDXAT*	6	LT	Copper	35.4	66400	50800	2000	PSC	26	33.25	58.25	360	\$10,045.60
SV0701VTCFRTPDDXAT*	6	RT	Copper	35.4	66400	50800	2000	PSC	26	33.25	58.25	360	\$10,045.60
SV0701VTNFLTTPDDXAT*	6	LT	Cupro-Nickel	35.4	66400	50800	2000	PSC	26	33.25	58.25	360	\$10,452.00
SV0701VTNFRTPDDXAT*	6	RT	Cupro-Nickel	35.4	66400	50800	2000	PSC	26	33.25	58.25	360	\$10,452.00



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SELF CONTAINED AIR CONDITIONING

COMMERCIAL WATER SOURCE HEAT PUMP, LV SERIES

The LV Model comes equipped with a compact cabinet designed to fit most commercial replacement projects. This option-rich, single-stage product offering is available in 1/2 to 6 ton size range and meets or exceeds ASHRAE 90.1 efficiency standards. Outfitted with the latest in compressor, blower motor and heat transfer technologies, this product performs extremely well in both water loop and geothermal applications.

- Two sided 1" R/A filter rack with 1" MER -4 filter
- Unit Protection Module (UPM)
- Uncoated air coil made of copper tubes and aluminum fin
- Stainless steel drain pan
- Removable inlet blower ring

- R-410A refrigerant; single stage compressor
- Dual refrigerant freeze sensors - water and air side
- Copper coaxial heat exchanger
- Condensate overflow sensor switch
- Lockout circuit and 50 VA transformer (size 007-042), 75 VA transformer (size 048-070)
- Duct flange connections for 1.5" supply and 1" return air
- Floating compressor base
- Schrader access ports
- Capillary tube expansion device
- Galvanized steel cabinet
- 0.5", 1.5lbs/ft3 Dual density fiberglass insulation



VERTICAL, WATER SOURCE HEAT PUMP, LV MODEL

- Capacities rated 77°F cooling, 32°F heating
- Orientation:
LT: Left return, top supply
RT: Right return, top supply
- Copper heat exchangers



Part No.	Nominal Tons	Orientation	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				Cool	Heat				L	W	H		
LV0122VTCFLTPDCXAT*	1	LT	4.8	11800	8700	375	PSC	277/1/60	19	19	24.25	134	☎
LV0122VTCFRTPDCXAT*	1	RT	4.8	11800	8700	375	PSC	277/1/60	19	19	24.25	134	☎
LV0242VTCFLTPDDXAT*	2	LT	11.3	25400	18100	800	PSC	277/1/60	21.5	21.5	39.25	212	☎
LV0302VTCFLTPDDXAT*	2 1/2	LT	13.6	29500	21500	950	PSC	277/1/60	21.5	21.5	39.25	217	☎
LV0302VTCFRTPDDXAT*	2 1/2	RT	13.6	29500	21500	950	PSC	277/1/60	21.5	21.5	39.25	217	☎
LV0362VTCFLTPDDXAT*	3	LT	13.6	38000	27100	1200	PSC	277/1/60	26	21.5	43.25	255	☎
LV0362VTCFRTPDDXAT*	3	RT	13.6	38000	27100	1200	PSC	277/1/60	26	21.5	43.25	255	☎
LV0363VTCFLTPDDXAT*	3	LT	10.4	38000	27100	1200	PSC	208-230/3/60	26	21.5	43.25	255	☎
LV0363VTCFRTPDDXAT*	3	RT	10.4	38000	27100	1200	PSC	208-230/3/60	26	21.5	43.25	255	☎
LV0364VTCFLTPDDXAT*	3	LT	6.4	38000	27100	1200	PSC	460/3/60	26	21.5	43.25	255	☎
LV0364VTCFRTPDDXAT*	3	RT	6.4	38000	27100	1200	PSC	460/3/60	26	21.5	43.25	255	☎
LV0483VTCFLTPDDXAT*	4	LT	17.1	48400	39300	1640	PSC	208-230/3/60	32.5	24	45.25	312	☎
LV0483VTCFRTPDDXAT*	4	RT	17.1	48400	39300	1640	PSC	208-230/3/60	32.5	24	45.25	312	☎
LV0603VTCFLTTDCXAT*	5	LT	19.5	61100	46200	2000	ECM	208-230/3/60	32.5	24	45.25	331	☎
LV0603VTCFLTTDDXAT*	5	LT	19.5	61100	46200	2000	ECM	208-230/3/60	32.5	24	45.25	331	☎
LV0603VTCFRTTDCXAT*	5	RT	19.5	61100	46200	2000	ECM	208-230/3/60	32.5	24	45.25	331	☎
LV0603VTCFRTTDDXAT*	5	RT	19.5	61100	46200	2000	ECM	208-230/3/60	32.5	24	45.25	331	☎
LV0604VTCFLTTDCXAT*	5	LT	9.8	61100	46200	2000	ECM	460/3/60	32.5	24	45.25	331	☎
LV0604VTCFRTTDCXAT*	5	RT	9.8	61100	46200	2000	ECM	460/3/60	32.5	24	45.25	331	☎
LV0604VTCFRTTDDXAT*	5	RT	9.8	61100	46200	2000	ECM	460/3/60	32.5	24	45.25	331	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

⚠ *WARNING: This item may contain chemicals known to cause cancer and/or reproductive harm in the state of California. For more information go to www.P65Warnings.ca.gov



LV Series-HZ

HORIZONTAL, WATER SOURCE HEAT PUMP, LV MODEL

- Capacities rated 77°F cooling, 32°F heating
- Include hanging brackets
- Come standard with blower systems that are easily reconfigured on the job site.
- Copper heat exchangers
- Orientation:
LE: Left return, end discharge
LS: Left return, straight discharge
RE: Right return, end discharge



Part No.	Nominal Tons	Orientation	MCA (Amps)	Capacity (BTUH)		CFM	Motor Type	Voltage	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				Cool	Heat				L	W	H		
LV0122HZCFLEPDDXAT*	1	LE	4.8	11800	8700	375	PSC	277/1/60	33	19	11.5	139	
LV0122HZCFREPDDXAT*	1	RE	4.8	11800	8700	375	PSC	277/1/60	33	19	11.5	139	
LV0182HZCFLEPDDXAT*	1 1/2	LE	7.5	19200	14300	600	PSC	277/1/60	43	22	17	208	
LV0182HZCFREPDDXAT*	1 1/2	RE	7.5	19200	14300	600	PSC	277/1/60	43	22	17	208	
LV0242HZCFLEPDDXAT*	2	LE	11.3	25400	18100	800	PSC	277/1/60	43	22	18	212	
LV0242HZCFREPDDXAT*	2	RE	11.3	25400	18100	800	PSC	277/1/60	43	22	18	212	
LV0243HZCFLEPDDXAT*	2	LS	8.9	25400	18100	800	PSC	208-230/3/60	43	22	18	212	
LV0302HZCFLEPDDXAT*	2 1/2	LE	13.6	29500	21500	950	PSC	277/1/60	43	22	18	217	
LV0302HZCFREPDDXAT*	2 1/2	RE	13.6	29500	21500	950	PSC	277/1/60	43	22	18	217	
LV0362HZCFLEPDDXAT*	3	LE	13.6	38000	27100	1200	PSC	277/1/60	54.5	22	19	255	
LV0362HZCFREPDDXAT*	3	RE	13.6	38000	27100	1200	PSC	277/1/60	54.5	22	19	255	
LV0363HZCFLEPDDXAT*	3	LE	10.4	38000	27100	1200	PSC	208-230/3/60	54.5	22	19	255	
LV0363HZCFREPDDXAT*	3	RE	10.4	38000	27100	1200	PSC	208-230/3/60	54.5	22	19	255	
LV0364HZCFLEPDDXAT*	3	LE	6.4	38000	27100	1200	PSC	460/3/60	54.5	22	19	255	
LV0364HZCFREPDDXAT*	3	RE	6.4	38000	27100	1200	PSC	460/3/60	54.5	22	19	255	
LV0423HZCFLEPDDXAT*	3 1/2	LE	14	41200	30000	1380	PSC	208-230/3/60	54.5	22	19	265	
LV0424HZCFLEPDDXAT*	3 1/2	LE	7	41200	30000	1380	PSC	460/3/60	54.5	22	19	265	
LV0424HZCFREPDDXAT*	3 1/2	RE	7	41200	30000	1380	PSC	460/3/60	54.5	22	19	265	
LV0483HZCFLEPDDXAT*	4	LE	17.1	48400	39300	1640	PSC	208-230/3/60	54.5	25	21	312	
LV0483HZCFREPDDXAT*	4	RE	17.1	48400	39300	1640	PSC	208-230/3/60	54.5	25	21	312	
LV0484HZCFLEPDDXAT*	4	LE	7.8	48400	39300	1640	PSC	460/3/60	54.5	25	21	312	
LV0484HZCFREPDDXAT*	4	RE	7.8	48400	39300	1640	PSC	460/3/60	54.5	25	21	312	
LV0603HZCFREPDDXAT*	5	RE	19.5	61600	53400	1900	ECM	208-230/3/60	54.5	25	21	331	

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SELF CONTAINED AIR CONDITIONING



EAA

WALL MOUNT AIR CONDITIONER, EAA SERIES

- Low ambient control cycles condenser fan to maintain proper refrigerant pressures. Allows operation in mechanical cooling (compressor) of our standard air conditioners down to 20°F.
- All major components are readily accessible.
- Front Control Panel allows easy access and complies with NEC clearance codes on redundant side-by-side systems.
- LEDs indicate operational status and fault conditions.
- Foil backed insulation on the indoor air path.
- A minimum position potentiometer that can be adjusted to prevent the economizer damper from closing completely. This control ensures that whenever the evaporator fan is operating, fresh air is being introduced into the building.
- Copper tube, aluminum fin evaporator & condenser coils
- Baked on neutral beige finish over galvanneal steel for maximum cabinet life.
- Sloped top with flashing eliminates need of rainhood
- Built-in mounting flanges facilitate installation and minimize chance of water leaks.
- Supply and return openings exactly match previous models.
- Factory installed disconnect on all units.
- Single Point Power Entry complies with latest edition of U.L. Standard 1995.
- Three minute by-pass of the low pressure switch for start-up of compressor when outdoor temperatures are below 55°F.
- Optional Factory built-in economizer.
- High efficiency compressor .
- Lanced fins standard on all evaporator and condenser coils
- High pressure switch and low pressure switch with lockout protects refrigerant circuit.
- Adjustable .03 to ten minute delay on make for short cycle protection.
- Service access valves are standard.
- Standard 2" (50 mm) pleated filter with a MERV rating of 8 changeable from outside.

Eubank®

Part No.	Cooling (BTUH)	Voltage	CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	L	D		
EEA1024AAA1	24000	208-230/1/60	850	75 13/16	39 3/16	17 1/4	305.00	\$10,376.44
EEA1036AAA1	35000	208-230/1/60	1200	75 13/16	43 1/16	19 3/16	305.00	\$10,409.02
EEA1048AAA1	45000	208-230/1/60	1400	84 1/2	43 1/2	22 11/16	305.00	\$11,193.48
EEA1060AAA1	54600	208-230/1/60	1750	92	43 1/2	22 5/8	305.00	\$12,262.56
EEA1060ACA1	54600	208-230/3/60	1750	92	43 1/2	22 5/8	305.00	\$12,935.16
EEA1060ADA1	54600	460/3/60	1750	92	43 1/2	22 5/8	305.00	\$13,701.22



EAA

WALL MOUNT AIR CONDITIONER, EAA SERIES

- Efficient Heat Releas
- Non-Ozone Depleting Refrigerant
- Synthetic Lubricant
- Reduced Compressor
- No Wall Mount Heat Pump is More Efficient
- Optional Economizer Reduces Energy Usage
- High Efficiency Compressor and Lanced Coil Fin
- High/Low Pressure Switches with Lockout & Short Cycle Protection Ease of Installation and Service
- Single Point Power Entry
- Built-In Mounting Flanges and Internal Disconnect
- Standard Access Valves and Filters, Status LEDs

Eubank®

Part No.	Capacity (BTUH)		Voltage	MCA (Amps)	Dimensions (In.)			Price
	Cooling	Heating at 47°F			L	D	H	
EEA1024HAA1	27840	24000	208-230/1/60	19.1	39 3/16	17 1/4	75 13/16	\$10,888.76
EEA1036HAA1	40600	35000	208-230/1/60	28.7	43 1/16	19 3/16	75 13/16	\$10,981.22
EEA1048HAA1	53360	42000	208-230/1/60	29.2	43 1/2	22 11/16	84 1/2	\$12,686.20

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Thru-the-Wall Comfort for all types of Multi-Family Construction



**Higher Efficiencies
Are On the Way!**
Thermal Efficiency up to 95%
12 SEER
Call the factory for more info.

Thru-the-Wall Package Units

Suitable replacement for Magic Pak EWC and HWC Models

Comfort Pack Wall Sleeve Adaptor available for replacement of older 48" Magic Pak units

Universal Cooling Chassis for gas and electric models

Easy Slide-Out Furnace for gas models

Two Stage Heat Control Board for electric models

Standard Secondary Drain Connection on all models

Adjustable 5 Speed DC Indoor Motor

Stainless Steel Heat Exchanger

Thru-the-Wall Condensing Units & Heat Pumps

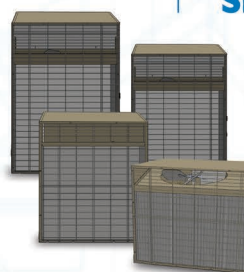
Suitable replacement for Bryant, Carrier, First Company, Aerosys, Lennox, and Goodman units

Condensing units has a range of 1.5 ton to 2.5 tons

Heat Pumps capacities are 1.5 to 2.5 tons

Condensing units are offered in four different cabinet sizes

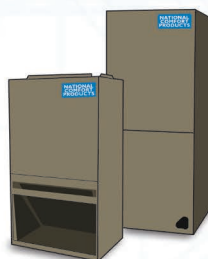
All units are rated per DOE Standards



Air Handlers

Meet maximum efficiency when matched with our thru the wall condensing units and heat pumps

Simple installation and service


Go Thru-the-Wall


Call Your Local United Refrigeration Branch Today!

ROOM AIR CONDITIONING

SPLIT SYSTEM AIR CONDITIONING



NCPB241010

Thru-the-wall split system condensing units are designed to save money and time with simple installation.

Applications include apartments, condominiums, senior living facilities, student housing and hotel and motels.

Deluxe New Yorker (/D) units offer the following extra features:

- Interior cabinet insulation
- Compressor crankcase heater
- Compressor hard-start kit
- Solid-state condenser fan motor speed control
- Compressor anti-cycle time delay
- Vibration absorber in suction line (not available in 4000)

*Please consult the DOE CCMS data base (<https://tinyurl.com/ncpcondensers>) for a list of rated combinations of indoor and outdoor units. Combinations of outdoor and indoor units that are not rated will require factory testing and listing with DOE. Please consult the factory.

- Units are compatible with NCP Air Handlers or certain other air handlers with ECM motors*
- Available in 1.5 to 2.5 ton sizes
- Heavy-duty, water resistant cabinet
- Voltage 208/230/1/60
- High and low refrigerant pressure switches



COOLING 1000 SERIES, R410A, 12 SEER

Part No.	Tons	Cooling (BTUH)	Dimensions (In.)			Connection Size (In.)		Ship Wgt (Lbs.)	Price
			H	W	D	Liquid	Suction		
NCPE4181010	1 1/2	18000	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$2,477.54
NCPE4181010/D	1 1/2	18000	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$5,143.20
NCPE4241010	2	23000	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$2,647.98
NCPE4241010/D	2	23000	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$4,718.38
NCPE4301010	2 1/2	27200	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$5,630.54
NCPE4301010/D	2 1/2	27200	28 5/8	26 1/4	18 1/2	3/8	3/4	180	\$5,630.54

COOLING 3000 SERIES, R410A, 12 SEER

Part No.	Tons	Cooling (BTUH)	Dimensions (In.)			Connection Size (In.)		Ship Wgt (Lbs.)	Price
			H	W	D	Liquid	Suction		
NCPE4183010	1 1/2	18000	32	24 1/8	18 1/2	3/8	3/4	180	\$2,477.54
NCPE4183010/D	1 1/2	18000	32	24 1/8	18 1/2	3/8	3/4	180	\$4,566.22
NCPE4243010	2	23000	32	24 1/8	18 1/2	3/8	3/4	180	\$2,647.98
NCPE4243010/D	2	23000	32	24 1/8	18 1/2	3/8	3/4	180	\$5,303.33
NCPE4303010	2 1/2	27200	32	24 1/8	18 1/2	3/8	3/4	180	\$2,787.64
NCPE4303010/D	2 1/2	27200	32	24 1/8	18 1/2	3/8	3/4	180	\$4,964.52

COOLING 4000 SERIES, R410A, 12 SEER

Part No.	Tons	Cooling (BTUH)	Dimensions (In.)			Connection Size (In.)		Ship Wgt (Lbs.)	Price
			H	W	D	Liquid	Suction		
NCPE4184010	1 1/2	18000	23	30	22 1/2	3/8	3/4	180	\$2,796.42
NCPE4184010/D	1 1/2	18000	23	30	22 1/2	3/8	3/4	180	\$4,840.48
NCPE4244010	2	23000	23	30	22 1/2	3/8	3/4	180	\$2,962.48
NCPE4244010/D	2	23000	23	30	22 1/2	3/8	3/4	190	\$5,168.42
NCPE4304010	2 1/2	27200	23	30	22 1/2	3/8	3/4	180	\$3,161.52
NCPE4304010/D	2 1/2	27200	23	30	22 1/2	3/8	3/4	180	\$5,341.22



NCP5000

COOLING 5000 SERIES, R410A, UP TO 14 SEER

The 5000 series is an alternative for new construction projects seeking a higher efficient thru-the-wall system. This model achieves efficiencies as high as 14 SEER and has the advantage of the smallest cabinet size of any other brand.

- Units are compatible with NCP Air Handlers or certain other air handlers with ECM motors*
- Heavy-Duty, Water Resistant Cabinet
- Available in 1 1/2 to 2 1/2 tons

- Up to 14 SEER when matched with NCPAH.

*Please consult the DOE CCMS data base (<https://tinyurl.com/ncpcondensers>) for a list of rated combinations of indoor and outdoor units.

Combinations of outdoor and indoor units that are not rated will require factory testing and listing with DOE. Please consult the factory.



Part No.	Tons	Cooling (BTUH)	Dimensions (In.)			Connection Size (In.)		Ship Wgt (Lbs.)	Price
			H	W	D	Liquid	Suction		
NCP4185010	1 1/2	18400	38 7/8	26 7/8	18 1/2	3/8	3/4	180	\$3,285.16
NCP4245010	2	24200	38 7/8	26 7/8	18 1/2	3/8	3/4	180	\$3,422.04
NCP4305010	2 1/2	28400	38 7/8	26 7/8	18 1/2	3/8	3/4	180	\$3,558.92



NHPA

HEAT PUMP 3000 SERIES, R410A, 12 SEER

- Compatible with NCP Air Handlers or certain other air handlers with ECM motors
- Available in 1.5 and 2.0 Ton Sizes
- 12 SEER, 7.4 HSPF
- Voltage 208/230/1/60

*Please consult the DOE compliant database (<https://tinyurl.com/ncpheatpumps>) for a list of rated combinations of indoor and outdoor units. Combinations of outdoor and indoor units that are not rated will require factory testing and listing with DOE. Please consult the factory.



Part No.	Tons	Capacity (BTUH)		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating at 47°F	Liquid	Suction	H	W	D		
NHPA4183019	1 1/2	18200	16100	3/8	3/4	32	24 1/8	18 1/2	180	\$3,285.16
NHPA4243019	2	22200	19000	3/8	3/4	32	24 1/8	18 1/2	180	\$3,422.04



NHPA

HEAT PUMP 5000 SERIES, R410A, 12 SEER

- Compatible with NCP Air Handlers or certain other air handlers with ECM motors
- Available in 1.5 and 2.0 Ton Sizes
- Up to 13 SEER, 7.6 HSPF
- Voltage 208/230/1/60

*Please consult the DOE compliant database (<https://tinyurl.com/ncpheatpumps>) for a list of rated combinations of indoor and outdoor units. Combinations of outdoor and indoor units that are not rated will require factory testing and listing with DOE. Please consult the factory.



Part No.	Tons	Capacity (BTUH)		Connection Size (In.)		Dimensions (In.)			Ship Wgt (Lbs.)	Price
		Cooling	Heating at 47°F	Liquid	Suction	H	W	D		
NHPA4185019	1 1/2	18000	15500	3/8	3/4	38 7/8	26 7/8	18 1/2	180	\$4,034.27
NHPA4245019	2	22800	21400	3/8	3/4	38 7/8	26 7/8	18 1/2	180	\$4,183.70
NHPA4305019	2 1/2	26800	23600	3/8	3/4	38 7/8	26 7/8	18 1/2	180	\$3,969.56

ROOM AIR CONDITIONING

SPLIT SYSTEM AIR CONDITIONING



1000WSD12

WALL SLEEVE

Use for new construction applications.

**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

Part No.	Dimensions (In.)			Rough-In (In.)		Series	Price
	H	W	D	H	W		
1000WSD12	29 5/8	26 7/8	12 3/8	30 1/8	27 3/8	1000	\$212.32
3000WSD12	33	24 7/8	12 3/8	33 1/2	25 3/8	3000	\$212.32
4000WSD12	24	30 5/8	12 7/16	24 1/2	31 1/8	4000	\$212.32
5000WSD12	39 7/8	28	12 7/16	40 3/8	28 1/2	5000	\$205.55



3000LG

LOUVERED GRILL

**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

Part No.	Series	Price
1000LG	1000	\$346.96
3000LG	3000	\$355.28
4000LG	4000	\$316.48
5000LG	5000	\$403.23



NCPAH24M

MULTI-POSITION AIR HANDLER

- AHRI Certified air handler for all NCP thru-the-wall condensing units
- Upflo , Downflow and Horizontal applications
- Accessory field-installed electric heat kits available in 5, 7.5, 10 or 15kW
- 208-/230-1-60 supply voltage
- Cabinet exterior is painted sheet metal
- Fully insulated for conditioned space (not to be installed in unconditioned spaces)

**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

Part No.	Nominal Tons	Capacity (BTUH)	CFM	Dimensions (In.)			Filter Size (In.)	Ship Wgt (Lbs.)	Price
				H	W	D			
NCPAH24M	2	24000	600-900	46 1/2	19 5/8	21 5/8	18 x 20	132	\$1,800.42
NCPAH36M	3	36000	900-1350	54 1/2	22	24	20 x 22	178	\$2,016.64



NCPHA

MULTI-FAMILY APARTMENT AIR HANDLER

- AHRI Certified air handler for all NCP thru-the-wall condensing units
- Matched with all NCP condensers
- Upflow application only
- Accessory field-installed electric heat kits available in 5, 7.5, 10 kW.
- 208-230/1/60 supply voltage
- Front return convertible to bottom return
- Cabinet exterior is galvanized sheet metal
- Fully insulated for conditioned space (not to be installed in unconditioned spaces)

**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

Part No.	Nominal Tons	Capacity (BTUH)	CFM	Dimensions (In.)			Filter Size (In.)	Ship Wgt (Lbs.)	Price
				H	W	D			
NCPAH24A	2	24000	600-900	36 1/2	20 1/2	15	16 x 20	99	\$1,555.84
NCPAH36A	3	36000	900-1350	39 1/2	22	18 3/4	20 x 20	121	\$1,723.82

RESIDENTIAL

ASPEN

Cabinet with pump, float and media onl . Motor/sheave kit sold separately.



FD350

ASPEN, DOWN DISCHARGE

Down discharge model features unique full closing damper to seal the unit and prevent winter heat loss.



Part No.	Industry Standard CFM	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	D		
FD350	3000	1/3	32	28	28	95	\$1,186.66
FD450	4000 to 4500	1/3 to 1/2	36	34	34	125	\$1,506.54
FD650	5500 to 6500	1/2 to 3/4	42 1/4	37	37	160	\$1,857.82



HM4800

ASPEN, SIDE DISCHARGE



Part No.	Industry Standard CFM	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	D		
FS350	3000	1/3	32	28 1/2	28 1/2	85	\$1,100.98
FS450	4000 to 4500	1/3 to 1/2	36	34	34	125	\$1,336.60
FS650	5500 to 6500	1/2 to 3/4	40	38	38	152	\$1,735.02

TROPHY

Cabinet with pump, float and media onl . Motor/sheave kit sold separately. CELdek® media is up to 13% more efficient and lasts up to 10 times longer than aspen pads.



TD4800

TROPHY, DOWN DISCHARGE



Part No.	Industry Standard CFM	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	D		
TD4801	4400 to 4800	1/2 to 3/4	27 5/16	42	43	161	\$1,726.46
TD6801	5800 to 6800	3/4 to 1	34 5/16	42	45	180	\$2,036.32



TH4300

TROPHY, SIDE DISCHARGE



Part No.	Industry Standard CFM	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
			H	W	D		
TH6801	5800 to 6800	3/4 to 1	34 5/16	42	45	198	\$2,036.32

RESIDENTIAL



MOTOR KIT

Motor kits for residential coolers. Includes motor, sheaves, cord, clamps and installation hardware.



Part No.	HP	No. of Speeds	Voltage	Ship Wgt (Lbs.)	Price
MK21	1/3	1	115/1/60	15	\$307.02
MK22	1/3	2	115/1/60	17	\$284.18
MK31	1/2	1	115/1/60	16	\$357.00
MK32	1/2	2	115/1/60	16.8	\$309.88
MK34	1/2	1	230/1/60	20	\$378.42
MK35	1/2	2	230/1/60	18	\$341.30
MK41	3/4	1	115/1/60	16	\$335.58
MK42	3/4	2	115/1/60	20	\$378.42
MK45	3/4	2	230/1/60	20	\$412.70
MK46	1	1	115/1/60	30	\$566.92
MK47	1	1	230/1/60	30	\$622.60

RESIDENTIAL AEROCOOL® PRO-SERIES

- High quality architectural grade Peblar XT® finis
- Pro-Armor: The premier single inlet cooler with polymeric inner structure that completely shields the wet section from corrosive interaction.
- Pro-Series thermostat for fully automatic control.
- Pro Clean System provides sump dump pump for cyclic dumping of sump water, keeping the cooler free of harmful mineral build up.
- Galvanized sheet steel is zinc coated at weights rated G40 or G90
- Evaporative media used in the UL Listed models is rated to UL900, Class 2
- These units are equipped with High Efficiency Rigid Media pads. Evaporative media is corrugated cellulose material, impregnated with insoluble antirot salts and rigidifying saturates.
- Bearings have an L10 bearing life of 39,000 hours
- Electrical service knockouts are 1/2".
- Water supply line is 1/4" O.D. on both sides.
- Bottom pan drain is 3/4" male hose thread.
- All models ship with pump and motor installed.
- Pro-Shield weatherizing panel inhibits heat loss and cold air from entering your home during the off season.



PRO, DOWN DISCHARGE



Part No.	Industry Standard CFM	Voltage	HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	D		
PD6232	6800	230/1/60	1	34 5/16	42	45	217	\$3,758.50
PD4803	4800	120/1/60	3/4	27 1/4	42	43	177	\$3,008.80
PD6803	6800	120/1/60	1	34 1/4	42	45	217	\$3,702.80



PRO, SIDE DISCHARGE



Part No.	Industry Standard CFM	Voltage	HP	Dimensions (In.)			Ship Wgt (Lbs.)	Price
				H	W	D		
PH6232C	6800	208/1/60	1	34 5/16	42	45	217	\$3,758.50
PH4803	4800	120/1/60	3/4	27 1/4	42	43	160	\$3,008.80
PH6803	6800	115/1/60	1	34 1/4	42	45	217	\$3,702.80

COMMERCIAL

For commercial applications, factories, warehouses, greenhouses, live stock, etc. Order motor and sheave separately.



D8801

DOWN DISCHARGE



Part No.	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		W	D	H		
D2231	1 1/2 to 7 1/2	62	62	60	550	\$6,378.88
D8801	3/4 to 3	41	41	52	280	\$3,462.90



H8801

SIDE DISCHARGE



Part No.	HP at CFM	Dimensions (In.)			Ship Wgt (Lbs.)	Price
		W	D	H		
H1425	1 to 3	52	52	52	395	\$4,349.68
H2231	1 1/2 to 5	62	62	60	530	\$6,198.94
H8801	3/4 to 3	41	41	52	280	\$3,360.08



M165

Motor selection for commercial units (D/H Series)



Part No.	HP	No. of Speeds	Voltage	Frame	Shaft Dia. (In.)	Ship Wgt (Lbs.)	Price
M161	3/4	1	115/208-230/1/60	56	5/8	24	\$592.62
M163B	3/4	1	208-230/460/3/60	56	5/8	22	\$712.58
M165	1	1	115/208-230/1/60	56	5/8	31.48	\$722.56
M166C	1	1	208-230/460/3/60	143T	7/8	40	\$895.36
M168	1	2	230/1/60	143T	7/8	32	\$678.30
M169A	1 1/2	1	115/208-230/1/60	56H	5/8	42	\$1,062.44
M172A	2	1	115/208-230/1/60	56H	5/8	50	\$1,286.62
M173C	2	1	208-230/460/3/60	145T	7/8	44	\$999.60
M176C	3	1	230/460/3/60	182T	1 1/8	75	\$1,366.60
M178C	5	1	208-230/460/3/60	184T	1 1/8	81	\$1,565.08

Sheave selection for commercial units (D/H Series)



Part No.	Diameter (In.)	Bore (In.)	Type	Ship Wgt (Lbs.)	Price
S11	5.35	5/8	Single	5	\$92.82
S1A	3.15	7/8	Single	3	\$85.68
S2A	3.75	7/8	Single	2	\$42.84
S3A	4.15	7/8	Single	2	\$48.56
S3P	4.15	5/8	Single	2	\$48.56
S4A	4.75	5/8	Single	3	\$67.12
S4P	4.75	7/8	Single	3	\$67.12
S5A	3.35	5/8	Dual	3	\$92.82
S5P	3.35	7/8	Dual	3	\$92.82
S8A	4.75	5/8	Dual	5	\$124.24
S8B	4.75	7/8	Dual	5	\$124.24
S8P	4.75	1 1/8	Dual	5	\$131.38