

EFFICIENT & FLEXIBLE **COMFORT** FOR EVERY ROOM



VERSATILE, SUPER-EFFICIENT
& ULTRA-QUIET

FRIEDRICH® FLOATING AIR™ DUCTLESS MINI-SPLIT SYSTEMS

Customized comfort has never been more convenient. Designed to match your unique heating and cooling needs, Friedrich Floating Air Ductless Mini-split Systems are available in single- and multi-zone options. Plus, every unit offers high energy efficiencies and quiet operation, delivering peace of mind season after season.

Friedrich.com/FloatingAir



FRIEDRICH

DELIVERING BOLDLY CRAFTED COMFORT

Why Choose Friedrich® Floating Air™ Ductless Mini-split Systems

Designed to excel in both residential applications and light commercial applications, Friedrich Floating Air mini-split systems can efficiently heat one room, multiple rooms or whole homes. With ductless systems you experience:



Zero Duct Loss

According to the DOE, ducted systems lose an average of 25–40% in performance due to leaks, cracks or disconnections in ductwork. No ductwork means that ductless systems do not experience duct loss, saving energy and money.



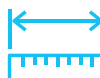
Heating & Cooling Flexibility

Friedrich Floating Air units are available in single-zone or multi-zone systems, making it easy to find the heating and cooling solution to best fit your needs.



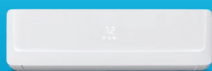
No Dirty Ducts

With a ductless system, there's no need to clean dirty air ducts that can harbor dust, germs and allergens.



Total Installation Flexibility

With Friedrich Floating Air systems, you can mix and match your outdoor unit with various indoor unit types: wall-mounted, ceiling cassettes, Insider® concealed ducted models or even a ducted air handler.



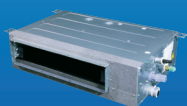
Wall-mounted Units

Mount to the wall and include time-saving features to make installation and service faster and easier, ultimately saving you money.



Ceiling Cassette Units

Install in a drop-ceiling and mount flush to the ceiling for a clean look and efficient installation.



Insider® Concealed Ducted Units

Install in the ceiling or furr down, providing hidden-from-sight comfort. In multi-zone systems, conditioned or non-conditioned air can be added to the ducting to allow fresh air into the conditioned space as desired.

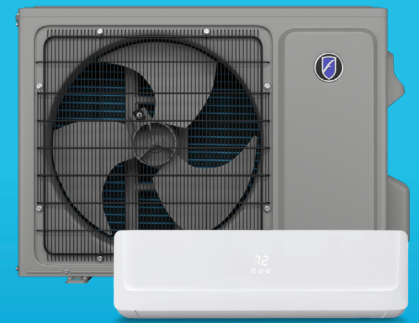


24V Air Handler

In applications where ductwork makes the most sense, such as replacing an existing system, the **24V air handler option delivers the best of both worlds**—the convenience of whole-home comfort with the small space and low sound of a side-discharge outdoor unit. It can also be used in a multi-zone configuration with another indoor unit type(s) for additional flexibility.

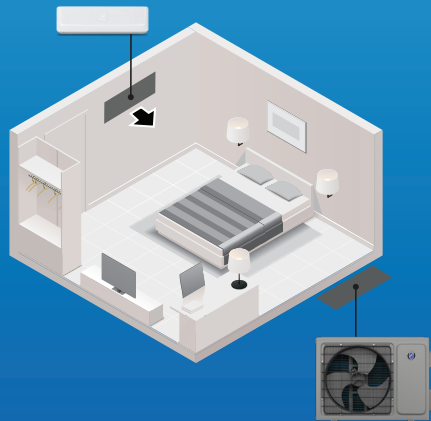
Comfort Customized to Your Needs

Comfort shouldn't be complicated. No matter what you're looking for, Friedrich® Floating Air™ systems—both single-zone and multi-zone—are packed with industry-leading advancements to meet your unique temperature needs while delivering high efficiencies and energy cost savings.



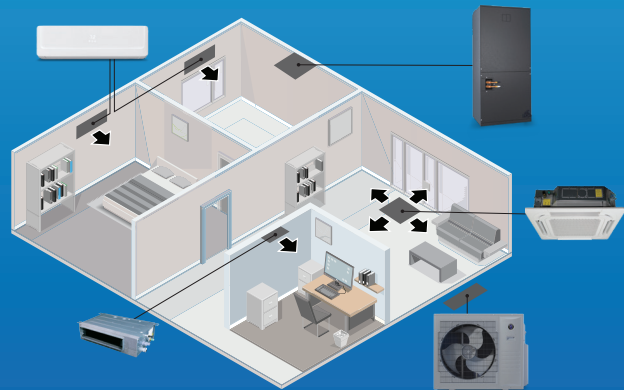
Single-zone Systems

A single-zone system is best if you are looking to efficiently cool and heat a single room or space. Single-zone systems are a great alternative to traditional central HVAC systems.



Multi-zone Systems

A multi-zone system is best if you're looking for customized and efficient comfort for multiple rooms. Multi-zone systems allow you to set room-by-room temperature preferences for up to five rooms. Plus, occupants can set the temperature of each zone to their preferred comfort level¹ or turn off units in unoccupied rooms without impacting other zones.



¹Multi-zone units cannot heat and cool simultaneously.



Easy Service & Maintenance

Designed with HVAC technicians in mind, wall-mounted units feature FastPro®—which allows quick removal of the blower wheel assembly for easy maintenance, saving significant time on the job.



Precision Comfort

Select Floating Air units feature a Precision Inverter® compressor that ramps up quickly with Soft-Start™ technology to reach the indoor set temperature, then maintains precise temperature control for perfect comfort—and ongoing savings.



Built to Perform & Built to Last

All systems are designed to heat and cool efficiently—and select systems can operate efficiently in extreme temperatures, with cooling in ambient temperatures as low as 5°F and heating down to -13°F. Plus, many models feature Diamonblue™ advanced corrosion protection, extending the unit's life.



Smart Control

Adjust the set point, schedule, control multiple units in unison and more at home with the included wireless remote or on the go with the convenience of the ComfortPro mobile app.



Scan to Watch Video:
FASTPRO®

Precise Performance & Bold Features

Floating Air™ mini-split systems are built to deliver precise comfort and are packed with advanced features to help keep your environmental footprint and energy bills low.

Saving Energy While Maximizing Comfort

Traditional air conditioners have on/off compressors that result in wild temperature swings, inefficient energy use and hard stops/starts that may shorten the life of the unit.

Friedrich's **Precision Inverter**® variable speed compressor adjusts up or down based on need, providing the user precise temperature control, exceptional energy efficiencies and dependably quiet operation.



**PRECISION
INVERTER**®

**Automatically adjusts
its performance based
on the room's need.**

At Home in the Extreme Cold

We designed Floating Air Pro X models to work all the way down to -22°F. So they're ready for whatever winter can dish out nearly everywhere. In fact, all Pro X models are ENERGY STAR® Cold Climate Certified.

Earth-friendly Operation

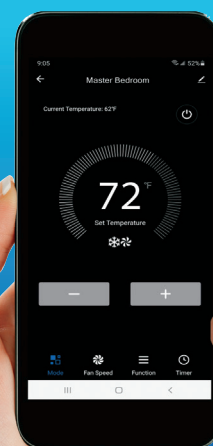
All Floating Air models utilize low-GWP refrigerant, with Select Series utilizing R-32 with a GWP of 675 and Pro and Pro X Series utilizing R-454B with a GWP of 466. Plus, many models are ENERGY STAR® certified, providing even greater energy savings.



Built-in Wi-Fi Connectivity

- Available on all wall-mounted and ceiling cassette models
- Easy-to-use ComfortPro mobile app
- Create customizable, seven-day schedule
- Control with smartphone or wireless remote
- Voice Command with Amazon Alexa and Google Home

ComfortPRO
MOBILE APP



Easy-to-clean Design for Fast Servicing & More Savings

Easy-maintenance Design With **FastPro**[®]

All units feature alignment arrows to help contractors mark and drill holes with total confidence while kickstands tilt the unit away from the wall, providing ample workspace. Floating Air units also feature:

- 1 Modular Drain Pan Assembly**
Easy to remove for cleaning
- 2 Quick Access**
Tangential blower and motor for easier repairs
- 3 Clear Piping Access**
Simplifies maintenance tasks
- 4 Wire Terminal Blocks**
Easy to access for servicing
- 5 Onboard Error Codes**
Ensure trouble-free operation
- 6 Complete Coil Access**
For easy cleaning



¹Faster than similar installation, cleaning, and service performed on standard ductless wall-mounted units.



Simplified Troubleshooting

Diagnostics are faster, easier and more accurate with the built-in troubleshooting tool on Friedrich multi-zone outdoor units, helping the contractor to save even more time.



Scan to Watch Video:
**BUILT-IN
TROUBLESHOOTING**

Find the Line That Best Suits Your Needs

Friedrich offers three exceptional lines of ductless mini-splits, each with unique features for simple installation, resulting in savings and easier maintenance visits. All models feature built-in Wi-Fi, auto restart, surge cool/heat, dry mode, auto clean, and advanced corrosion protection.

GOOD | BETTER | **BEST**

Floating Air™ Pro X & Pro X Multi

The ultimate series with extreme operating ranges, extreme heat pump performance, high efficiencies, and available with 4 indoor installation options for both single and multi-zone.



- Available in Wall-Mounted, Ceiling Cassette, Concealed Ducted "the Insider", and 24V Air Handler, Single-Zone 9K-24K BTU, Multi-Zone Outdoor Unit Capacities 18K-42K BTU
- Extreme cold climate heat pump performance: 100% of rated capacity at 5°F*
- Extreme low ambient heat pump operation down to -22°F in Single-Zone, and -13°F in Multi-Zone

GOOD | **BETTER** | BEST

Floating Air™ Pro

This line delivers all the features of Floating Air Select models plus higher efficiency, and extended operating capacities.

- Available in Single-zone, Wall-Mounted only, 9K-24K BTU
- 22 SEER2 line-up
- All models are ENERGY STAR® qualified

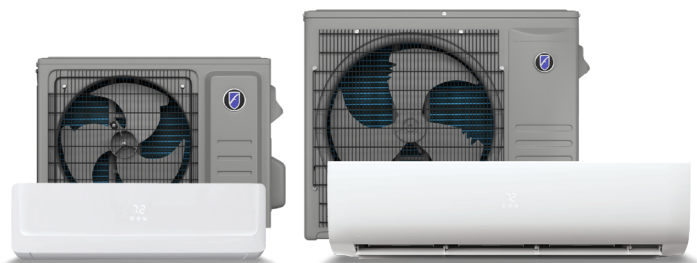


GOOD | **BETTER** | BEST

Floating Air™ Select

This line is ideal if you're looking to heat and cool a single room and in the market for an affordable and efficient comfort solution.

- Available in Single-zone, Wall-Mounted only, 9K-36K BTU



*Pro X Multi-Zone 42K BTU models operate at 86% capacity at 5°F.

See the below comparison chart to help you choose among Floating Air Pro X, Pro, and Select systems:




Preliminary	SYSTEM TYPE									
	WALL-MOUNTED				CEILING CASSETTE		CONCEALED DUCTED		AIR HANDLER	
	SINGLE-ZONE			MULTI-ZONE	SINGLE-ZONE	MULTI-ZONE	SINGLE-ZONE	MULTI-ZONE	SINGLE-ZONE	MULTI-ZONE
ZONES										
Floating Air™ Series	Select	Pro	Pro X	Pro X Multi	Pro X	Pro X Multi	Pro X The Insider®	Pro X Multi The Insider®	Pro X	Pro X Multi
FastPro® Design	•	•	•	•	—	—	—	—	—	—
Built-in Wi-Fi Models, ComfortPro Mobile App	•	•	•	•	•	•	—	—	—	—
115 Volt Models	•	•	—	—	—	—	—	—	—	—
SEER2 (Up To)	18.0	23.3	22.0	22.0	19.0	22.0	17.6	21.0	22.0	22.0
Extreme Heat			•	•	•	•	•	•	•	•
Low Ambient Cooling Operation	0°F	5°F	5°F	5°F	5°F	14°F	5°F	-4°F	-4°F	-4°F
Low Ambient Heating Operation	-4°F	-13°F	-22°F	-13°F	-22°F	-13°F	-22°F	-13°F	-13°F	-13°F
Capacity at 5°F*	70%	70%	100%	100%*	100%	100%*	100%	100%*	100%	100%*
Amazon Alexa & Google Home Compatible	•	•	•	•	•	•	—	—	—	—
FreshAir® IAQ	•	•	•	•	—	—	—	—	—	—
Auto Changeover	•	•	—	—	•	—	•	—	—	—
24-hr. Programmable Timer	•	•	•	•	•	•	•	•	—	—
Remote Control	•	•	•	•	•	•	—	—	—	—
Wall Controller Option	•	•	•	•	•	•	Included	Included	Compatible with most 24V thermostats	Compatible with most 24V thermostats
7-Day Programmability (With Wall Control)	—	—	—	—	—	—	•	•	—	—
4-Way Auto Swing	2-way	•	•	•	•	•	—	—	—	—
Washable Air Filter	•	•	•	•	•	•	•	•	—	—

*Pro X Multi-Zone 42K BTU models operate at 86% capacity at 5°F.







Floating Air® SELECT WALL-MOUNTED HEAT PUMPS

FEATURING **FastPro®** DESIGN

GOOD | BETTER | BEST

 indicates sustainability feature

Key Features

-  Precision Inverter® technology (variable speed compressor)
-  Soft-Start™ compressor
-  BLDC motor
-  Built-in Wi-Fi
 - Tangential fan for optimum air flow (single-zone)
 - Ultra quiet operation
-  Sleep mode
-  All ENERGY STAR® qualified models
 - Easy-to-read temperature display
 - LCD remote

SMART HOME READY



Single-Zone

115 VOLT MODELS:



FAHSW09A1C, FAHSW12A1C

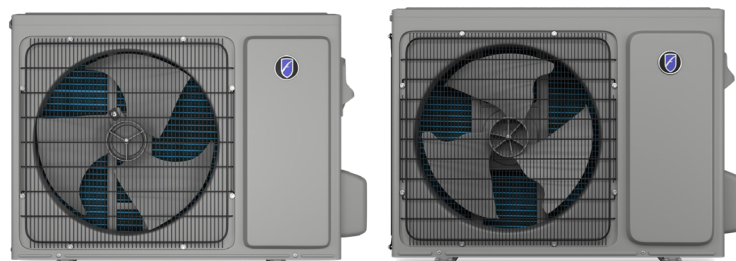


FHSR09B1C, FHSR12B1C

230/208 VOLT MODELS:



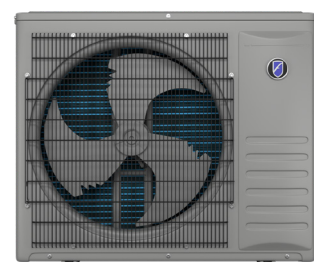
FAHFW18A3D, FAHFW24A3D



FHSR18B3D, FHSR24B3D



FAHSW36A3D



FHSR36B3D



Standard



With Registration



FLOATING AIR™ SELECT | SINGLE-ZONE | WALL-MOUNTED HEAT PUMPS

Preliminary


MODEL	FAC Model Set	Unit	FSHW091C	FSHW121C	FSHW183D	FSHW243D	FSHW363D
	FAC Indoor Model		FAHSW09A1C	FAHSW12A1C	FAHFW18A3D	FAHFW24A3D	FAHSW36A3D
	FAC Outdoor Model		FSHSR09B1C	FSHSR12B1C	FSHSR18B3D	FSHSR24B3D	FSHSR36B3D
	Power Supply		115V~,60Hz,1P		208V/230V~,60Hz,1P		
	ENERGY STAR® Standard		Y	N	Y	N	N
COOLING	ENERGY STAR – Cold Climate	Y/N	N	N	N	N	N
	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000	34,600
	Cooling Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000	9,300–36,000
	EER2 @ 95°F	Btu/h/W	12.5	10.2	12.0	10.6	9.5
	SEER2	Btu/h/W	20.0	18.0	21.0	19.5	20.0
HEATING	Working Temperature Range	°F	5–118	5–118	5–118	5–118	5–118
	Rated Capacity @ 47°F	Btu/h	9,500	12,000	18,000	24,000	35,000
	Heating Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000	9,600–37,500
	COP2 @ 47°F	W/W	4.1	3.4	3.9	3.3	3.2
	COP @ 5°F	W/W	2.0	1.9	2.4	1.9	1.95
	HSPF2	Btu/h/W	9.0	8.5	9.8	8.5	8.4
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	6,800	8,800	14,800	21,000	19,200
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	6,000	7,500	15,000	18,500	20,000
	Working Temperature Range	°F	-5–75	-5–75	-5–75	-5–75	-5–75
INDOOR AIRFLOW	Air Circulation (Max./H/M/L)	ft³ CFM	382/341/294/247	394/365/312/253	647/588/482/382	706/647/559/441	1059/1018/883/712
	Indoor Sound Pressure (Max./M/L/Quiet)	dB(A)	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39	52/48/43/39/38
INDOOR FAN MOTOR	Output	W	46	46	35	35	70
	Speed (High/Med/Low)	r/min	1,100/940/800	1,154/992/800	1,100/960/800	1,200/1,040/880	1,060/930/810
OUTDOOR AIRFLOW	Air Circulation (High) for Outdoor	ft³ CFM	1,295	1,295	1,471	1,942	2,590
	Outdoor Sound Pressure	dB(A)	53	53	56	60	60
OUTDOOR FAN MOTOR	Output	W	36	36	60	102	102
	Speed (High)	r/min	850	880	840	880	900
ELECTRICAL	Rated Current	Cooling (A)	6.7	10.7	6.4	10.0	16.2
		Cooling (W)	720	1,176	1,506	2,264	3,660
		Heating (A)	6.2	9.6	8.1	9.5	13.8
		Heating (W)	679	1,034	1,349	2,132	3,160
	MOP (Rating of Overcurrent Protective Device)	A	25	25	20	35	40
	MCA (Minimum Circuit Ampacity)	A	14.6	15.6	14.5	21.0	25.8
REFRIGERATION (R-32)	Communication Wire Size and Type		4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG
	Moisture Removal	pints/hr	1.9	2.5	3.8	4.2	7.9
	Connection		Flare	Flare	Flare	Flare	Flare
	Refrigerant Charge Volume	oz.	21.2	21.9	45.9	47.7	72.4
	Liquid Pipe	in.	1/4	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	3/8	1/2	5/8	5/8
	Max. Pipe Length (Total)	ft.	65.6	65.6	98.4	98.4	98.4
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	49.2	49.2	49.2	49.2	49.2
	Pre-charge Pipe Length	ft.	49.2	49.2	49.2	49.2	49.2
INDOOR UNIT	Additional Refrigerant Charge per Foot After 25 ft.	oz./ft.	0.2	0.2	0.2	0.3	0.4
	Dimension (W×H×D)	in. 1/8ths	33 7/8 × 11 2/8 × 8 4/8	33 7/8 × 11 2/8 × 8 4/8	45 2/8 × 13 2/8 × 10 1/8	43-5/16 × 13-1/4×10	52 3/8 × 14 2/8 × 10 6/8
		mm	860 × 285 × 216	860 × 285 × 216	1,148 × 336 × 256	1,148 × 336 × 256	1,330 × 364 × 254
	Packing (L×H×W)	in. 1/8ths	36 5/8 × 15 × 11 2/8	36-9/16 × 15 × 11-3/16	47 7/8 × 16 1/8 × 13	47 7/8 × 16 1/8 × 13	56 1/8 × 15 4/8 × 18 1/8
		mm	930×380×285	930×380×285	1,215×410×330	1,215×410×330	1,425×395×460
	Net Weight	lbs.	22.1	22.1	34.2	34.2	40.8
		kg	10.0	10.0	14.5	15.5	18.5
	Shipping Weight	lbs.	26.5	26.5	37.5	39.7	50.3
		kg	12.0	12.0	17.0	18.0	22.8
OUTDOOR UNIT	Dimension (W×H×D)	in. 1/8ths	28 1/8 × 21 2/8 × 9 4/8	28-1/8×21-1/4×9-1/2	31 7/8 × 23 × 11	33 7/8 × 25 5/8 × 12 2/8	35 3/8 × 29 4/8 × 13 3/8
		mm	715×540×240	715×540×240	810×585×280	860×650×310	900×750×340
	Packing (L×H×W)	in. 1/8ths	32 5/8 × 23 1/8 × 13 3/8	32 5/8 × 23 1/8 × 13 3/8	37 × 25 2/8 × 15 1/8	39 1/8 × 28 3/8 × 16 4/8	41 6/8 × 32 2/8 × 17 6/8
		mm	830×588×340	830×588×340	940×640×385	995×720×420	1,060×820×450
	Net Weight	lbs.	52.9	57.3	86.0	101.4	121.3
		kg	24.0	26.0	39.0	46.0	55.0
	Shipping Weight	lbs.	57.3	61.7	92.6	110.3	132.3
		kg	26.0	28.0	42.0	50.0	60.0









Floating Air® PRO WALL-MOUNTED HEAT PUMPS

FEATURING **FastPro®** DESIGN

GOOD | **BETTER** | BEST

 indicates sustainability feature

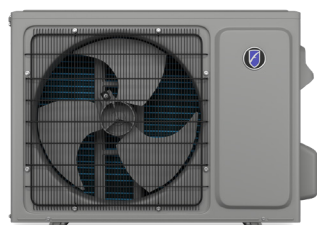
Key Features

-  **Precision Inverter®** technology (variable speed compressor)
-  **Soft-Start™** compressor
-  **BLDC** motor
-  Built-in Wi-Fi
 - Tangential fan for optimum air flow (single-zone)
 - Ultra quiet operation
 -  Sleep mode
-  All ENERGY STAR® qualified models
 - Easy-to-read temperature display
 - Low ambient operation down to -13°F (Heating mode)
 - LCD remote

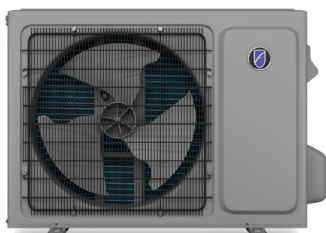
SMART HOME
READY



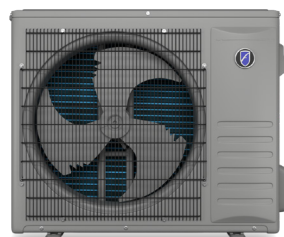
Single-Zone



FPHSR09A1C, FPHSR12A1C,
FPHSR09A3D, FPHSR12A3D



FPHSR18A3D



FPHSR24A3D

Pro  **HIGH EFFICIENCY COOLING**

- Low ambient heat pump operation down to -13°F
- Low ambient cooling operation down to 5°F

115 VOLT MODELS:



FPHSW09A1C and FAHSW12A1C

230/208 VOLT MODELS:



FPHSR09A3D, FPHSR12A3D, FPHSR18A3D,
FPHSR24A3D



FreshAir® IAQ READY

Standard



With Registration



FLOATING AIR™ PRO | SINGLE-ZONE | WALL-MOUNTED HEAT PUMPS

Preliminary

MODEL	FAC Model Set	Unit	FPHW091C	FPHW121C	FPHW093D	FPHW123D	FPHW183D	FPHW243D
	FAC Indoor Model		FAHSW09A1C	FAHSW12A1C	FAHFW09A3D	FAHFW12A3D	FAHFW18A3D	FAHFW24A3D
	FAC Outdoor Model		FPHSR09A1C	FPHSR12A1C	FPHSR09A3D	FPHSR12A3D	FPHSR18A3D	FPHSR24A3D
	Power Supply		115V~,60Hz,1P		208V/230V~,60Hz,1P			
COOLING	ENERGY STAR® Standard	Y/N	Y	Y	Y	Y	Y	Y
	ENERGY STAR – Cold Climate	Y/N	Y	Y	Y	Y	Y	Y
	Rated Capacity @ 95°F	Btu/h	9,000	12,000	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000
	EER2 @ 95°F	Btu/h/W	12.3	12.3	13.7	12.3	13.0	12.3
HEATING	SEER2	Btu/h/W	23.0	22.0	25.0	23.0	21.0	22.5
	Working Temperature Range	°F	5–118	5–118	5–118	5–118	5–118	5–118
	Rated Capacity @ 47°F	Btu/h	9,500	12,000	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000
	COP2 @ 47°F	W/W	4.0	4.0	4.0	3.8	3.7	3.6
	COP @ 5°F	W/W	1.9	1.9	2.1	2.0	1.9	1.8
	HSPF2	Btu/h/W	10.0	9.5	11.0	10.0	10.0	9.5
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	9,500	9,300	9,000	10,800	18,000	22,000
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	8,700	9,200	9,000	11,000	18,000	19,800
	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	4,600	5,900	5,400	6,100	11,500	12,100
	Working Temperature Range	°F	-13–75	-13–75	-13–75	-13–75	-13–75	-13–75
INDOOR AIRFLOW	Air Circulation (Max./H/M/L)	ft³ CFM	382/341/294/247	394/365/312/253	382/341/294/247	394/365/312/253	647/588/482/382	706/647/559/441
	Indoor Sound Pressure (Max./M/L/ Quiet)	dB(A)	42/39/37/35/32	42/39/37/35/32	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39
INDOOR FAN MOTOR	Output	W	46	46	25	25	35	35
	Speed (High/Med/Low)	r/min	1,100/940/800	1,154/992/800	1,101/938/800	1,154/992/800	1,100/960/800	1,200/1,040/880
OUTDOOR AIRFLOW	Air Circulation (High) for Outdoor	ft³ CFM	1,471	1,471	1,471	1,471	1,942	2,531
	Outdoor Sound Pressure	dB(A)	53	53	53	53	58	61
OUTDOOR FAN MOTOR	Output	W	36	36	36	36	60	102
	Speed (High)	r/min	850	880	880	880	840	880
ELECTRICAL	Rated Current	Cooling (A)	6.0	6.0	2.5	4.3	6.1	8.7
		Cooling (W)	641	980	659	980	1,390	1,959
		Heating (A)	6.4	6.4	3.1	4.1	6.5	9.3
		Heating (W)	696	960	659	926	1,426	1,954
	MOP (Rating of Overcurrent Protective Device)	A	25	25	15	15	30	35
REFRIGERATION (R454B)	MCA (Minimum Circuit Ampacity)	A	16	16	9.5	10.5	20	22
	Communication Wire Size and Type		4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG
	Moisture Removal	pints/hr	1.9	2.5	1.9	2.5	3.2	4.7
	Connection		Flare	Flare	Flare	Flare	Flare	Flare
	Refrigerant Charge Volume	oz.	33.5	35.3	35.3	38.1	53.0	70.6
	Liquid Pipe	in.	1/4	1/4	1/4	1/4	1/4	3/8
	Gas Pipe	in.	3/8	3/8	3/8	3/8	1/2	5/8
	Max. Pipe Length (Total)	ft.	65.6	65.6	65.6	65.6	98.4	98.4
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	49.2	49.2	49.2	49.2	49.2	49.2
	Pre-charge Pipe Length	ft.	24.6	24.6	24.6	24.6	24.6	24.6
INDOOR UNIT	Dimension (W×H×D)	in. 1/8ths	33 7/8×11 2/8×8 4/8	33 7/8×11 2/8×8 4/8	33 7/8×11 2/8×8 4/8	33 7/8×11 2/8×8 4/8	45 2/8×13 2/8×10 1/8	45 2/8×13 2/8×10 1/8
		mm	860×285×216	860×285×216	860×285×216	860×285×216	1,148×336×256	1,148×336×256
	Packing (L×H×W)	in. 1/8ths	36 5/8×15×11 2/8	36 5/8×15×11 2/8	36 5/8×15×11 2/8	36 5/8×15×11 2/8	47 7/8×16 1/8×13	47 7/8×16 1/8×13
		mm	930×380×285	930×380×285	930×380×285	930×380×285	1,215×410×330	1,215×410×330
	Net Weight	lbs.	22.1	22.1	22.1	22.1	34.2	34.2
		kg	10.0	10.0	10.0	10.0	15.5	15.5
	Shipping Weight	lbs.	26.5	26.5	26.5	26.5	39.7	39.7
		kg	12.0	12.0	12.0	12.0	18.0	18.0
OUTDOOR UNIT	Dimension (W×H×D)	in. 1/8ths	31-7/8×23×11	31-7/8×23×11	31-7/8×23×11	31-7/8×23×11	33 7/8×25 5/8×12 2/8	35 3/8×29 4/8×13 3/8
		mm	810×585×280	810×585×280	810×585×280	810×585×280	860×650×310	900×750×340
	Packing (L×H×W)	in. 1/8ths	37×24 6/8×15 1/8	37×24 6/8×15 1/8	37×24 6/8×15 1/8	37×24 6/8×15 1/8	39 1/8×28 3/8×16 4/8	41 6/8×32 2/8×17 6/8
		mm	940×630×385	940×630×385	940×630×385	940×630×385	995×720×420	1,060×820×450
	Net Weight	lbs.	75.0	77.2	70.6	70.6	97.0	112.5
		kg	34.0	35.0	32.0	32.0	44.0	51.0
	Shipping Weight	lbs.	86.0	86.0	81.6	81.6	105.8	121.3
		kg	39.0	39.0	37.0	37.0	48.0	55.0



Floating Air® PRO X WALL-MOUNTED HEAT PUMPS

FEATURING **FastPro®** DESIGN

GOOD | BETTER | **BEST**

Key Features

- **Precision Inverter®** technology (variable speed compressor)
- Soft-Start™ compressor
- BLDC motor
- Built-in Wi-Fi

SMART HOME
READY

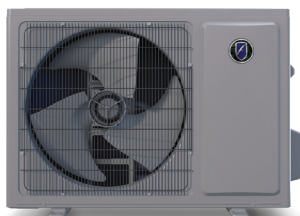
- Tangential fan for optimum air flow (single-zone)
- Ultra quiet operation
- Sleep mode
- ENERGY STAR® qualified models
- All ENERGY STAR® Cold-Climate Heat Pump qualified models

 indicates sustainability feature

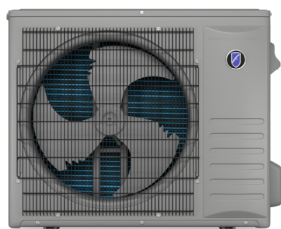
- Easy-to-read temperature display
- Extreme cold climate heat pump performance: 100% of rated capacity at 5°F*
- Extreme low ambient heat pump operation
- LCD remote



Single-Zone



FPHFR09A3D, FPHFR12A3D



FPHFR18A3D, FPHFR24A3D

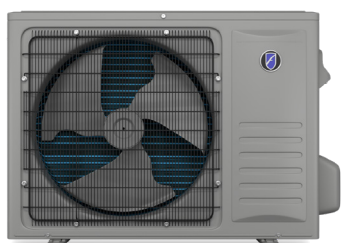


FPHFR36A3D

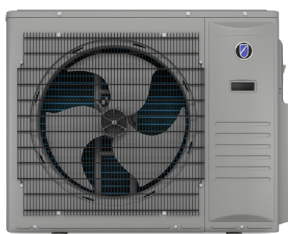
ProX | EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 5°F

Multi-Zone



FPHMR18A3D



FPHMR27A3D, FPHMR36A3D,
FPHMR42A3D

ProX | EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -13°F
- Low ambient cooling operation down to 14°F

115 VOLT MODELS:



FPHSW09A1C and FAHSW12A1C

230/208 VOLT MODELS:



FPHSR09A3D, FPHSR12A3D, FPHSR18A3D,
FPHSR24A3D

works with
Google Home

works with
alexa

**PRECISION
INVERTER®**

ComfortPRO
MOBILE APP

DIAMONBLUE™
Advanced Corrosion Protection

FreshAir® IAQ READY

Standard
7YR.
PARTS
WARRANTY

10YR.
COMPRESSOR
WARRANTY

With Registration
10YR.
PARTS
WARRANTY

10YR.
COMPRESSOR
WARRANTY

FLOATING AIR™ PRO X | SINGLE-ZONE | WALL-MOUNTED HEAT PUMPS

Preliminary

MODEL	FAC Model Set	Unit	FPHW093D	FPHW123D	FPHW183D	FPHW243D
	FAC Indoor Model		FAHFW09A3D	FAHFW12A3D	FAHFW18A3D	FAHFW24A3D
	FAC Outdoor Model		FPHSR09A3D	FPHSR12A3D	FPHSR18A3D	FPHSR24A3D
	Power Supply		208V/230V~, 60Hz, 1P			
COOLING	ENERGY STAR® Standard	Y/N	Y	Y	Y	Y
	ENERGY STAR – Cold Climate	Y/N	Y	N	N	Y
	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000
	EER2 @ 95°F	Btu/h/W	13.7	12.3	13.0	12.3
	SEER2	Btu/h/W	25.0	23.0	21.0	22.5
	Working Temperature Range	°F	5–118	5–118	5–118	5–118
HEATING	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.–Max.)	Btu/h	3,600–10,000	4,000–13,000	6,500–19,000	8,000–25,000
	COP2 @ 47°F	W/W	4.0	3.8	3.7	3.6
	COP @ 5°F	W/W	2.1	2	1.9	1.8
	HSPF2	Btu/h/W	11.0	10.0	10.0	9.5
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	9,000	10,800	18,000	22,000
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	9,000	11,000	18,000	19,800
	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	5,400	6,100	11,500	12,100
	Working Temperature Range	°F	-13–75	-13–75	-13–75	-13–75
INDOOR AIRFLOW	Air Circulation (Max./H/M/L)	ft³ CFM	382/341/294/247	394/365/312/253	647/588/482/382	706/647/559/441
	Indoor Sound Pressure (Max./M/L/ Quiet)	dB(A)	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39
INDOOR FAN MOTOR	Output	W	25	25	35	35
	Speed (High/Med/Low)	r/min	1,101/938/800	1,154/992/800	1,100/960/800	1,200/1,040/880
OUTDOOR AIRFLOW	Air Circulation (High) for Outdoor	ft³ CFM	1,471	1,471	1,942	2,531
	Outdoor Sound Pressure	dB(A)	53	53	58	61
OUTDOOR FAN MOTOR	Output	W	36	36	60	102
	Speed (High)	r/min	880	880	840	880
ELECTRICAL	Rated Current	Cooling (A)	2.5	4.3	6.1	8.7
		Cooling (W)	659	980	1,390	1,959
		Heating (A)	3.1	4.1	6.5	9.3
		Heating (W)	659	926	1,426	1,954
	MOP (Rating of Overcurrent Protective Device)	A	15	15	30	35
	MCA (Minimum Circuit Ampacity)	A	9.5	10.5	20	22
	Communication Wire Size and Type		4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG
REFRIGERATION (R454B)	Moisture Removal	pints/hr	1.9	2.5	3.2	4.7
	Connection		Flare	Flare	Flare	Flare
	Refrigerant Charge Volume	oz.	35.3	38.1	53.0	70.6
	Liquid Pipe	in.	1/4	1/4	1/4	3/8
	Gas Pipe	in.	3/8	3/8	1/2	5/8
	Max. Pipe Length (Total)	ft.	65.0	65.0	100.0	100.0
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	50.0	50.0	50.0	50.0
	Pre-charge Pipe Length	ft.	25.0	25.0	25.0	25.0
	Additional Refrigerant Charge per Foot After 25 ft.	oz./ft.	0.2	0.2	0.2	0.3
INDOOR UNIT	Dimension (W×H×D)	in. 1/8ths	33-7/8×11-1/4×8-1/2	33-7/8×11-1/4×8-1/2	43-5/16×13-1/4×10	43-5/16×13-1/4×10
		mm	860×285×216	860×285×216	1,148×336×256	1,148×336×256
	Packing (L×H×W)	in. 1/8ths	36-9/16×15×11-3/16	36-9/16×15×11-3/16	47-13/16×15-3/16×13	47-13/16×15-3/16×13
		mm	930×380×285	930×380×285	1,215×410×330	1,215×410×330
	Net Weight	lbs.	22.1	22.1	34.2	34.2
		kg	10.0	10.0	15.5	15.5
	Shipping Weight	lbs.	26.5	26.5	39.7	39.7
OUTDOOR UNIT	Dimension (W×H×D)	in. 1/8ths	31-7/8×23×11	31-7/8×23×11	33-7/8×25-1/2×1-3/16	35-3/8×29-1/2×1-3/16
		mm	810×585×280	810×585×280	860×650×310	900×750×340
	Packing (L×H×W)	in. 1/8ths	37×25-3/4×15-3/16	37×25-3/4×15-3/16	39-3/16×28-3/8×16-1/2	41-3/4×32-1/4×17-3/4
		mm	940×630×385	940×630×385	995×720×420	1,060×820×450
	Net Weight	lbs.	70.6	70.6	97.0	112.5
		kg	32.0	32.0	44.0	51.0
	Shipping Weight	lbs.	81.6	81.6	105.8	121.3
		kg	37.0	37.0	48.0	55.0



FLOATING AIR™ PRO X | MULTI-ZONE | WALL-MOUNTED HEAT PUMPS

Preliminary

MODEL	FAC Indoor Model	Unit	FAHFW07A3D	FAHFW09A3D	FAHFW12A3D	FAHFW18A3D	FAHFW24A3D
	Power Supply	V/ph/Hz	208V/230V~, 60Hz, 1P				
COOLING	Rated Capacity @ 95°F	Btu/h	7,000	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.-Max.)	Btu/h	3,600-10,000	3,600-10,000	4,000-13,000	6,500-19,000	8,000-25,000
HEATING	Rated Capacity @ 47°F	Btu/h	7,000	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.-Max.)	Btu/h	3,600-10,000	3,600-10,000	4,000-13,000	6,500-19,000	8,000-25,000
AIRFLOW	Air Circulation (Max./H/M/L)	ft³ CFM	382/341/294/247	382/341/294/247	394/365/312/253	647/588/482/382	706/647/559/441
	Indoor Sound Pressure (Max./H/M/L/ Quiet)	dB(A)	42/39/37/35/32	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39
FAN MOTOR	Output	W	25	25	25	35	35
	Speed (High/Med/Low)	r/min	1,101/938/800	1,101/938/800	1,154/992/800	1,100/960/800	1,200/1,040/880
REFRIGERATION	Moisture Removal	pints/hr	1.9	1.9	2.5	3.2	4.7
	Connection		Flare	Flare	Flare	Flare	Flare
DIMENSIONS & WEIGHTS	Dimension (W×H×D)	in. 1/8ths	33-7/8×11-1/4×8-1/2	33-7/8×11-1/4×8-1/2	33-7/8×11-1/4×8-1/2	43-5/16×13-1/4×10	43-5/16×13-1/4×10
		mm	860×285×216	860×285×216	860×285×216	1,148×336×256	1,148×336×256
	Packing (L×H×W)	in. 1/8ths	36-9/16×15×11-3/16	36-9/16×15×11-3/16	36-9/16×15×11-3/16	47-13/16×15-3/16×13	47-13/16×15-3/16×13
		mm	930×380×285	930×380×285	930×380×285	1,215×410×330	1,215×410×330
	Net Weight	lbs.	22.1	22.1	22.1	34.2	34.2
		kg	10.0	10.0	10.0	15.5	15.5
	Shipping Weight	lbs.	26.5	26.5	26.5	39.7	39.7
		kg	12.0	12.0	12.0	18.0	18.0



FLOATING AIR™ PRO X | MULTI-ZONE | OUTDOOR UNITS

For Outdoor Model Specs, see page 24.

Floating Air® PRO X CEILING CASSETTE HEAT PUMPS

GOOD | BETTER | BEST

Key Features

- Precision Inverter® technology (variable speed compressor)
- BLDC motor
- Soft-Start™ compressor
- 360/8-way air flow
- Built-in Wi-Fi

- 4-way cooling
- Sleep mode
- Independent vane control
- 3 fan speeds
- Ultra-quiet turbo fan
- Evaporator frost control

 indicates sustainability feature

- Clean, modern look
- Flexible installation
- All ENERGY STAR® qualified models
- All ENERGY STAR® Cold-Climate Heat Pump qualified models
- Precise air distribution
- LCD remote



SMART HOME READY

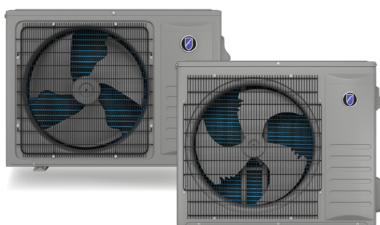
Single-Zone



FPHFC09A3D, FPHFC12A3D



FPHFC18A3D, FPHFC24A3D, FPHSC36A3D



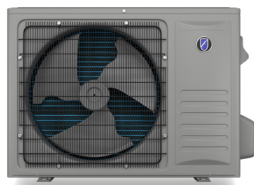
FPHFR09A3D, FPHFR12A3D, FPHFR18A3D, FPHFR24A3D, FPHFR36A3D

ProX EXTREME TEMPERATURE HEAT PUMP

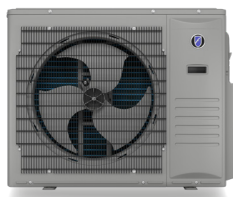
- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 5°F

NOTE: Images include cassette and grilles—sold separately. See next page.

Multi-Zone



FPHMR18A3D



FPHMR27A3D, FPHMR36A3D, FPHMR42A3D



ProX EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 14°F
- Low temperature compressor start-up protection



FLOATING AIR™ PRO X | SINGLE-ZONE | CEILING CASSETTE HEAT PUMPS

Preliminary

MODEL	FAC Model Set	Unit	FPHC093D	FPHC123D	FPHC183D	FPHC243D	FPHC363D
	FAC Indoor Model		FPHFC09A3D	FPHFC12A3D	FPHFC18A3D	FPHFC24A3D	FPHSC36A3D
	FAC Outdoor Model		FPHFR09A3D	FPHFR12A3D	FPHFR18A3D	FPHFR24A3D	FPHFR36A3D
	Power Supply		208V/230V~,60Hz,1P				
	ENERGY STAR® Standard		Y	Y	Y	Y	Y
COOLING	ENERGY STAR – Cold Climate	Y	Y	Y	Y	Y	Y
	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000	36,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	4,300–14,500	4,300–14,500	7,800–24,000	9,000–30,000	12,000–45,000
	EER2 @ 95°F	Btu/h/W	12.0	12.0	12.0	12.0	12.0
	SEER2	Btu/h/W	20.0	20.0	20.0	20.0	20.0
HEATING	Working Temperature Range	°F	5–125	5–125	5–125	5–125	5–125
	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000	36,000
	Heating Capacity Range (Min.–Max.)	Btu/h	5,500–18,000	5,500–18,000	850–24,000	7,380–30,000	11,000–45,000
	COP2 @ 47°F	W/W	3.52	3.52	3.38	3.9	3.7
	COP @ 5°F	W/W	1.8	1.8	2	2	2
	HSPF2	Btu/h/W	9.5	9.5	10.0	10.5	9.5
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	8,900	8,900	14,700	20,000	25,500
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	12,000	12,000	18,000	24,000	36,000
	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	5,400	6,100	11,500	12,100	TBD
INDOOR AIRFLOW	Working Temperature Range	°F	-22–75	-22–75	-22–75	-22–75	-22–75
	Air Circulation (H/M/L)	ft. ³ CFM	341/294/235	341/294/235	588/500/394	647/530/400	1,030/883/736
INDOOR FAN MOTOR	Indoor Sound Pressure (H/M/L/Quiet)	dB(A)	52/32/29	52/37/33	39/32/29	44/40/38	60/43/39
	Output	W	1/13HP	1/13HP	TBD	TBD	1/7HP
OUTDOOR AIRFLOW	Speed (High/Med/Low)	r/min	700/600/500	700/600/500	TBD	660/560/480	660/560/480
	Air Circulation (High) for Outdoor	ft. ³ CFM	2,300	2,300	TBD	TBD	3,350
OUTDOOR FAN MOTOR	Outdoor Sound Pressure	dB(A)	64	64	TBD	TBD	74
	Output	W	40	40	TBD	TBD	250
ELECTRICAL	Speed (High)	r/min	880	880	TBD	TBD	850
	Rated Current	Cooling (A)	3	4.3	6.3	8.5	14.2
REFRIGERATION (R454B)		Cooling (W)	750	1,000	1,500	2,000	3,000
		Heating (A)	3	4.25	6.78	7.68	13.5
		Heating (W)	750	1,000	1,560	1,805	2,850
	MOP (Rating of Overcurrent Protective Device)	A	20	20	TBD	TBD	50
	MCA (Minimum Circuit Ampacity)	A	12	12	TBD	TBD	30
INDOOR UNIT	Communication Wire Size and Type		4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG
	Moisture Removal	pints/hr	1.9	2.5	3.2	4.7	TBD
	Connections		Flare	Flare	Flare	Flare	Flare
	Refrigerant Charge Volume	oz.	38.1	38.1	TBD	TBD	112.8
	Liquid Pipe	in.	1/4	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	3/8	1/2	5/8	5/8
	Max. Pipe Length (Total)	ft.	130	130	TBD	TBD	164
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	50	50	TBD	TBD	98
	Pre-charge Pipe Length	ft.	25	25	TBD	TBD	25
INDOOR GRILLE	Additional Refrigerant Charge per Foot After 25 ft.	oz./ft.	0.16	0.16	TBD	TBD	0.38
	Dimension (W×H×D)	in. 1/8ths	22-1/2×8-1/2×22-1/2	22-1/2×8-1/2×22-1/2	TBD	TBD	33-1/8×9-3/4×33-1/8
		mm	570×215×570	570×215×570	TBD	TBD	840×272×840
	Packing (L×H×W)	in. 1/8ths	28-3/4×26-1/4×11-1/2	28-3/4×26-1/4×11-1/2	TBD	TBD	37-3/8×14-1/8×37-3/8
		mm	730×668×292	730×668×292	TBD	TBD	950×360×950
OUTDOOR UNIT	Net Weight	lbs.	34.2	34.2	TBD	TBD	57.32
		kg	15.5	15.5	TBD	TBD	26
	Shipping Weight	lbs.	40.8	40.8	TBD	TBD	70.6
		kg	18.5	18.5	TBD	TBD	32
	Dimension (W×H×D)	in. 1/8ths	24-3/8×1-5/8×24-3/8	24-3/8×1-5/8×24-3/8	TBD	TBD	37-3/8×2×37-3/8
DECORATIVE GRILLE		mm	620×40×620	620×40×620	TBD	TBD	950×50×950
	Packing (L×H×W)	in. 1/8ths	27-1/8×26-3/4×4-1/2	27-1/8×26-3/4×4-1/2	TBD	TBD	40-1/8×4-1/8×39-3/8
		mm	690×680×115	690×680×115	TBD	TBD	1,020×105×1,000
	Net Weight	lbs.	5.7	5.7	TBD	TBD	14.3
		kg	2.6	2.6	TBD	TBD	6.5
FPCG0912A	Shipping Weight	lbs.	9.9	9.9	TBD	TBD	19.8
		kg	4.5	4.5	TBD	TBD	9
FPCG182436A	Dimension (W×H×D)	in. 1/8ths	31-7/8×22-7/8×11	31-7/8×22-7/8×11	TBD	TBD	43-1/4×34-1/2×17-3/4
		mm	810×580×280	810×580×280	TBD	TBD	1,100×875×450
	Packing (L×H×W)	in. 1/8ths	37×16-1/2×25-1/4	37×16-1/2×25-1/4	TBD	TBD	45-7/8×39-1/2×21-1/4
		mm	940×420×640	940×420×640	TBD	TBD	1,165×1,005×540
	Net Weight	lbs.	79.4	79.4	TBD	TBD	185.2
FPCG182436A		kg	36.0	36.0	TBD	TBD	84.0
	Shipping Weight	lbs.	86.0	86.0	TBD	TBD	209.4
		kg	39.0	39.0	TBD	TBD	95.0



Ceiling Cassette Grilles

(Required)



FPCG0912A



FPCG182436A

DECORATIVE GRILLE

FPCG0912A

FITS
FPHFC09A3D,
FPHFC12A3D

FPCG182436A

FITS
FPHFC18A3D,
FPHFC24A3D,
FPHFC36A3D

FLOATING AIR™ PRO X | MULTI-ZONE | CEILING CASSETTE HEAT PUMPS

Preliminary

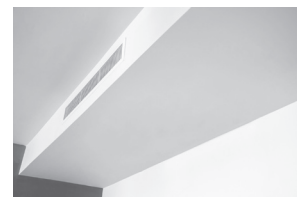
MODEL	FAC Indoor Model	Unit	FPHFC09A3D	FPHFC12A3D	FPHFC18A3D	FPHFC24A3D
	Power Supply	V/ph/Hz	208V/230V~,60Hz,1P			
COOLING	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.-Max.)	Btu/h	4,300-14,500	4,300-14,500	7,800-24,000	9,000-30,000
HEATING	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.-Max.)	Btu/h	5,500-18000	5,500-18,000	8,500-24,000	7,380-30,000
AIRFLOW	Air Circulation (H/M/L)	ft³ CFM	341/294/235	341/294/235	588/500/394	647/530/400
	Indoor Sound Pressure (H/M/L)	dB(A)	52/32/29	52/37/33	39/32/29	44/40/38
FAN MOTOR	Output	W	1/13HP	1/13HP	TBD	TBD
	Speed (High/Med/Low)	r/min	700/600/500	700/600/500	TBD	660/560/480
REFRIGERATION	Moisture Removal	pints/hr	1.9	2.5	3.2	4.7
	Connection		Flare	Flare	Flare	Flare
DIMENSIONS & WEIGHTS	Dimension (W×H×D)	in. 1/8ths	22-1/2×8-1/2×22-1/2	22-1/2×8-1/2×22-1/2	TBD	TBD
		mm	570×215×570	570×215×570	TBD	TBD
	Packing (L×H×W)	in. 1/8ths	28-3/4×26-1/4×11-1/2	28-3/4×26-1/4×11-1/2	TBD	TBD
		mm	730×668×292	730×668×292	TBD	TBD
	Net Weight	lbs.	34.2	34.2	TBD	TBD
		kg	15.5	15.5	TBD	TBD
	Shipping Weight	lbs.	40.8	40.8	TBD	TBD
		kg	18.5	18.5	TBD	TBD
INDOOR GRILLE	Dimension (W×H×D)	in. 1/8ths	24-3/8×1-5/8×24-3/8	24-3/8×1-5/8×24-3/8	TBD	TBD
		mm	620×40×620	620×40×620	TBD	TBD
	Packing (L×H×W)	in. 1/8ths	27-1/8×26-3/4×4-1/2	27-1/8×26-3/4×4-1/2	TBD	TBD
		mm	690×680×115	690×680×115	TBD	TBD
	Net Weight	lbs.	5.7	5.7	TBD	TBD
		kg	2.6	2.6	TBD	TBD
	Shipping Weight	lbs.	9.9	9.9	TBD	TBD
		kg	4.5	4.5	TBD	TBD



FLOATING AIR™ PRO X | MULTI-ZONE | OUTDOOR UNITS




For Outdoor Model Specs, see page 24.

Floating Air® PRO X THE INSIDER® CONCEALED DUCTED HEAT PUMPS



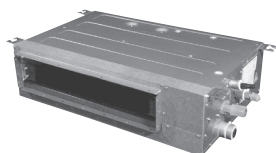
GOOD | BETTER | **BEST**

Key Features

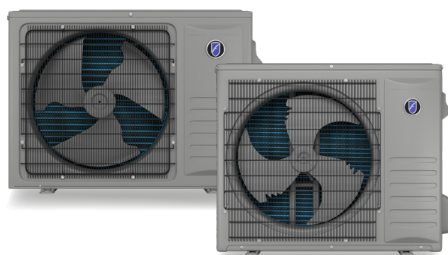
-  **Precision Inverter®** technology (variable speed compressor)
-  **Soft-Start™** compressor
-  **BLDC** motor
- 3 fan speeds
- Control lock function on controller
- External static pressure range 0-.40 (single-zone) *PRELIMINARY*
- External static pressure range 9K/12K/18K/24K 0-.40 WC (multi-zone) *PRELIMINARY*
- All ENERGY STAR® qualified models
- All ENERGY STAR® Cold-Climate Heat Pump qualified models

 indicates sustainability feature

Single-Zone



FPHFD09A3D, FPHFD12A3D, FPHFD18A3D, FPHFD24A3D, FPHSD36A3D

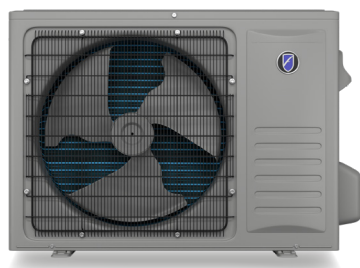


FPHFR09A3D, FPHFR12A3D, FPHFR18A3D, FPHFR24A3D, FPHFR36A3D

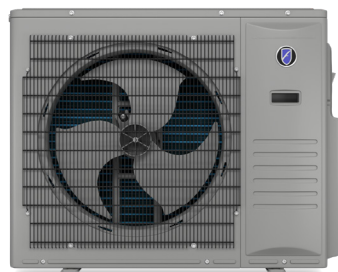
ProX EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 5°F

Multi-Zone



FPHMR18A3D



FPHMR27A3D, FPHMR36A3D, FPHMR42A3D

ProX EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 14°F
- Low temperature compressor start-up protection



FLOATING AIR™ PRO X | SINGLE-ZONE | THE INSIDER® CONCEALED DUCTED HEAT PUMPS

Preliminary

MODEL	FAC Model Set	Unit	FPHD093D	FPHD123D	FPHD183D	FPHD243D	FPHD363D
	FAC Indoor Model		FPHFD09A3D	FPHFD12A3D	FPHFD18A3D	FPHFD24A3D	FPHSD36A3D
	FAC Outdoor Model		FPHFR09A3D	FPHFR12A3D	FPHFR18A3D	FPHFR24A3D	FPHFR36A3D
	Power Supply		208V/230V~,60Hz,1P	208V/230V~,60Hz,1P	208V/230V~,60Hz,1P	208V/230V~,60Hz,1P	208V/230V~,60Hz,1P
	ENERGY STAR® Standard	Y/N	Y	Y	Y	Y	Y
	ENERGY STAR – Cold Climate	Y/N	Y	Y	Y	Y	Y
COOLING	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000	36,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	4,300–14,500	4,300–14,500	7,800–24,000	9,000–30,000	12,000–45,000
	EER2 @ 95°F	Btu/h/W	3.43	3.43	12	11.8	3.43
	SEER2	Btu/h/W	19.5	19.5	20.0	19.0	19.5
	Working Temperature Range	°F	5–125	5–125	5–125	5–125	5–125
HEATING	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000	36,000
	Heating Capacity Range (Min.–Max.)	Btu/h	5,300–18,000	5,300–18,000	8,500–24,000	7,380–30,000	11,000–45,000
	COP2 @ 47°F	W/W	3.52	3.52	3.38	3.52	3.64
	COP @ 5°F	W/W	1.8	1.8	2	1.99	2
	HSPF2	Btu/h/W	9.5	9.5	10.0	10.0	9.0
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	8,700	8,700	14,700	20,000	25,500
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	12,000	12,000	18,000	24,000	36,000
	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	5,400	6,100	11,500	12,100	38,500
INDOOR AIRFLOW	Working Temperature Range	°F	-22–75	-22–75	-22–75	-22–75	-22–75
	Air Circulation (H/M/L)	ft³ CFM	550/500/400	550/500/400	TBD	TBD	1,900/1,700/1,500
INDOOR FAN MOTOR	Indoor Sound Pressure (H/M/L/Quiet)	dB(A)	52/32/29	52/37/33	39/32/29	44/40/38	60/43/39
	Output	W	1/20HP	1/20HP	TBD	TBD	7/16HP
OUTDOOR AIRFLOW	Speed (High/Med/Low)	r/min	1,110/1,000/800	1,110/1,000/800	TBD	TBD	1,260/1,150/1,020
	Air Circulation (High) for Outdoor	ft³ CFM	2,300	2,300	TBD	TBD	3,350
OUTDOOR FAN MOTOR	Outdoor Sound Pressure	dB(A)	64	64	TBD	TBD	74
	Output	W	40	40	TBD	TBD	250
ELECTRICAL	Speed (High)	r/min	880	880	TBD	TBD	850
	Rated Current	Cooling (A)	3.1	4.5	6.3	8.91	13.4
REFRIGERATION (R454B)		Cooling (W)	769	1,025	1,500	2,020	2,820
		Heating (A)	2.86	4.3	6.78	8.74	13.8
		Heating (W)	750	1,000	1,560	2,000	2,900
	MOP (Rating of Overcurrent Protective Device)	A	20	20	TBD	TBD	50
	MCA (Minimum Circuit Ampacity)	A	12	12	TBD	TBD	30
	Communication Wire Size and Type		4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG	4 × 18AWG
INDOOR UNIT	Moisture Removal	pints/hr	TBD	TBD	TBD	TBD	TBD
	Connections		Flare	Flare	Flare	Flare	Flare
	Refrigerant Charge Volume	oz.	38.1	38.1	TBD	TBD	112.8
	Liquid Pipe	in.	1/4	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	3/8	1/2	5/8	5/8
	Max. Pipe Length (Total)	ft.	130	130	TBD	TBD	164
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	50	50	TBD	TBD	98
	Pre-charge Pipe Length	ft.	25	25	TBD	TBD	25
OUTDOOR UNIT	Additional Refrigerant Charge per Foot After 25 ft.	oz./ft.	0.16	0.16	TBD	TBD	0.38
	Dimension (W×H×D)	in. 1/8ths	35-7/8×7-1/2×17-5/8	35-7/8×7-1/2×17-5/8	33-7/8×26-3/8×12-1/4	TBD	55-1/8×11-3/4×31-1/2
		mm	910×190×447	910×190×447	860×670×310	TBD	1,400×300×800
	Packing (L×H×W)	in. 1/8ths	42-1/2×22-1/4×11-1/4	42-1/2×22-1/4×11-1/4	39×28-3/4×17-3/4	TBD	62-1/4×15×36-1/4
		mm	1,080×565×285	1,080×565×285	990×730×450	TBD	1,580×380×920
	Net Weight	lbs.	44.1	44.1	105.8	TBD	112.4
		kg	20.0	20.0	48.0	TBD	51.0
	Shipping Weight	lbs.	51.8	51.8	114.6	TBD	125.7
OUTDOOR UNIT		kg	23.5	23.5	52.0	TBD	57.0
	Dimension (W×H×D)	in. 1/8ths	31-7/8×22-7/8×11	31-7/8×22-7/8×11	TBD	TBD	43-1/4×34-1/2×17-3/4
		mm	810×580×280	810×580×280	TBD	TBD	1,100×875×450
	Packing (L×H×W)	in. 1/8ths	37×16-1/2×25-1/4	37×16-1/2×25-1/4	TBD	TBD	45-7/8×39-1/2×21-1/4
		mm	940×420×640	940×420×640	TBD	TBD	1,165×1,005×540
	Net Weight	lbs.	79.4	79.4	TBD	TBD	185.2
		kg	36.0	36.0	TBD	TBD	84.0
	Shipping Weight	lbs.	86.0	86.0	TBD	TBD	209.4
OUTDOOR UNIT		kg	39.0	39.0	TBD	TBD	95.0



FLOATING AIR™ PRO X | MULTI-ZONE | THE INSIDER® CONCEALED DUCTED HEAT PUMPS

Preliminary

MODEL	FAC Indoor Model	Unit	FPHFD09A3D	FPHFD12A3D	FPHFD18A3D	FPHFD24A3D
	Power Supply	V/ph/Hz	208V/230V~,60Hz,1P			
COOLING	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	4,300–1,4500	4,300–1,4500	7,800–24,000	9,000–30,000
HEATING	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.–Max.)	Btu/h	5,300–18000	5,300–18,000	8,500–24,000	7,380–30,000
AIRFLOW	Air Circulation (H/M/L)	ft³ CFM	550/500/400	550/500/400	TBD	TBD
	Indoor Sound Pressure (H/M/L)	dB(A)	52/32/29	52/37/33	39/32/29	44/40/38
FAN MOTOR	Output	W	1/20HP	1/20HP	TBD	TBD
	Speed (High/Med/Low)	r/min	1,110/1,000/800	1,110/1,000/800	TBD	TBD
REFRIGERATION	Moisture Removal	pints/hr	2.0	3.0	5.0	1.9
	Connection		Flare	Flare	Flare	Flare
DIMENSIONS & WEIGHTS	Dimension (W×H×D)	in. 1/8ths	35-7/8×7-1/2×17-5/8	35-7/8×7-1/2×17-5/8	33-7/8×26-3/8×12-1/4	TBD
		mm	910×190×447	910×190×447	860×670×310	TBD
	Packing (L×H×W)	in. 1/8ths	42-1/2×22-1/4×11-1/4	42-1/2×22-1/4×11-1/4	39×28-3/4×17-3/4	TBD
		mm	1,080×565×285	1,080×565×285	990×730×450	TBD
	Net Weight	lbs.	44.1	44.1	105.8	TBD
		kg	20.0	20.0	48.0	TBD
	Shipping Weight	lbs.	51.8	51.8	114.6	TBD
		kg	23.5	23.5	52.0	TBD



FLOATING AIR™ PRO X | MULTI-ZONE | OUTDOOR UNITS




For Outdoor Model Specs, see page 24.

Floating Air® PRO X AIR HANDLER

GOOD | BETTER | BEST

 indicates sustainability feature

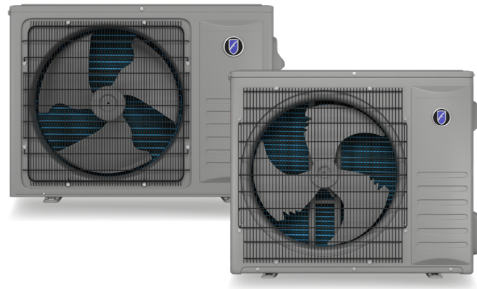
Key Features

-  Precision Inverter® technology (variable speed compressor)
-  BLDC motor
-  Soft-Start™ compressor
- 3 fan speeds
- Air handler can be installed in 4 configurations; upflow, downflow, horizontal left and horizontal right.
- Aluminum indoor coil
- Compatible with 24V thermostats
- All ENERGY STAR® qualified models
- All ENERGY STAR® Cold-Climate Heat Pump qualified models

Multi-Zone



FPHFA18A3D, FPHFA24A3D



FPHMR18A3D

FPHMR27A3D, FPHMR36A3D, FPHMR42A3D

ProX | EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 5°F

ProX | EXTREME TEMPERATURE HEAT PUMP

- Low ambient heat pump operation down to -13°F
- Low ambient cooling operation down to 14°F

*Single zone air handler options are available in the Friedrich Breeze Universal Heat Pump Select & Premier models.

FLOATING AIR™ PRO X HANDLER MODEL SPECIFICATIONS FOR MULTI-ZONE APPLICATIONS COMING SOON



Standard



With Registration



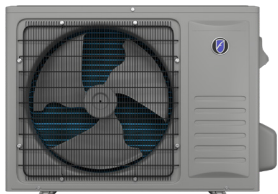
FLOATING AIR™ PRO X | MULTI-ZONE | OUTDOOR UNITS

Preliminary

OUTDOOR MODEL	FAC Outdoor Model		FPHMR18A3D	FPHMR27A3D	FPHMR36A3D	FPHMR42A3D
	Power Supply	V/ph/Hz	208V/230V~,60Hz,1P			
	ENERGY STAR® Standard	Y/N	Y	Y	Y	Y
	ENERGY STAR – Cold Climate	Y/N	Y	Y	Y	Y
COOLING	Rated Capacity @ 95°F	Btu/h	18,000	27,000	36,000	42,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	9,000 - 22,000	9,000-31,000	9,000-46,800	9,000-54,600
	Power Input	W	1,350	2,100	2,802	3,500
	Current	A	6.25	9.3	12.8	15.5
	EER2 @ 95°F	Btu/h/W	13.30	12.85	12.85	12.00
	SEER2	Btu/h/W	22	23	22	22
	Working Temperature Range	°F	5–125	5–125	5–125	5–125
HEATING	Rated Capacity @ 47°F	Btu/h	18,000	27,000	36,000	48,000
	Heating Capacity Range (Min.–Max.)	Btu/h	14,500–30,000	20,100–44,000	9,000–54,000	9,000–58,000
	COP2 @ 47°F	W/W	3.89	3.6	3.91	3.60
	COP @ 5°F	W/W	1.99	1.82	1.92	1.92
	HSPF2	Btu/h/W	10.0	10.0	10.0	9.5
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	18,000	27,000	36,000	36,000
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	18,000	27,000	36,000	36,000
	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	13,356	19,177	26,175	27,216
	Working Temperature Range	°F	-13–75	-13–75	-13–75	-13–75
AIRFLOW	Air Circulation (High) for Outdoor	ft³ CFM	1,850	3,356.90	3,356.90	3,356.90
	Outdoor Sound Pressure	dB(A)	55	62	64	64
FAN MOTOR	Output	W	60	220	TBD	TBD
	Speed (High)	r/min	880	850	830	150–850
ELECTRICAL	Rated Current	Cooling (A)	5.83	9.3	12.8	15.5
		Cooling (W)	1,350	2,100	2,802	3,500
		Heating (A)	6.05	10	12.5	18
		Heating (W)	1,380	2,200	2,700	3,910
	MOP (Rating of Overcurrent Protective Device)	A	30	40	50	60
	MCA (Minimum Circuit Ampacity)	A	21	25	32	36
	Communication Wire Size and Type		6 x 16AWG	6 x 16AWG	4 x 14AWG	4 x 14AWG
REFRIGERATION (R454B)	Moisture Removal	pints/hr	2.4	3.0	4.30	4.35
	Refrigerant Charge Volume	oz.	51.1	76.2	105.8	105.8
	Liquid Pipe	in.	1/4	1/4	1/4	1/4
	Gas Pipe	in.	3/8	3/8	3/8	3/8
	Max. Pipe Length (Total)	ft.	164	230	230	262
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	49	49	49	49
	Pre-charge Pipe Length	ft.	50	75	100	125
	Additional Refrigerant Charge per Foot after 25 ft.	oz./ft.	0.16	0.16	0.16	0.16
DIMENSIONS & WEIGHTS	Dimension (W×H×D)	in. 1/8ths	33-7/8×26-3/8×12-1/4	38-3/8×32-7/8×14-1/8	38-3/8×32-7/8×14-1/8	38-3/8×32-7/8×14-1/8
		mm	860×670×310	975×835×360	975×835×360	975×835×360
	Packing (L×H×W)	in. 1/8ths	39×17-3/4×-28-3/4	43-3/4×18-1/8×37-3/4	43-3/4×18-1/8×37-3/4	43-3/4×18-1/8×37-3/4
		mm	990×730×450	1,111×959×460	1,111×960×460	1,111×960×460
	Net Weight	lbs.	46.0	72.9	77.0	78.0
		kg	101.4	160.6	169.8	172
	Shipping Weight	lbs.	51.0	83.1	87.0	88.0
		kg	112.4	183.2	191.8	194

FLOATING AIR™ PRO X | MULTI-ZONE CONFIGURATIONS

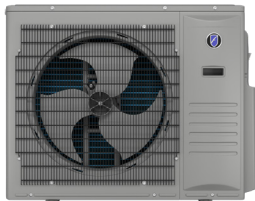
Mix and match any combination of indoor units up to the maximum connected capacity.



FPHMR18A3D
24,000 Btu
MAX. CONNECTED CAPACITY

2 ZONES

MINIMUM combination must be 50% of nameplate capacity
Combinations **SHOULD NOT:** Exceed the maximum allowable total indoor unit connected capacity of 24,000 Btu.



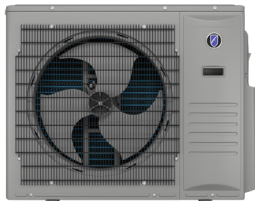
FPHMR27A3D
36,000 Btu
MAX. CONNECTED CAPACITY

2 ZONES

MINIMUM combination must be 50% of nameplate capacity

3 ZONES

Select any combination of (3) indoor units.
Combinations **SHOULD NOT:** Exceed the maximum allowable total indoor unit connected capacity of 36,000 Btu.



FPHMR36A3D
48,000 Btu
MAX. CONNECTED CAPACITY

2 ZONES

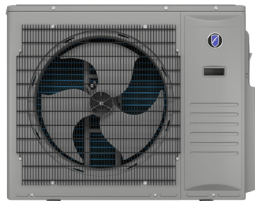
Select two (2) 18,000 Btu indoor units

3 ZONES

Select any combination of (3) indoor units with no more than (2) 18,000 Btu indoor units plus (1) other indoor unit.

4 ZONES

Select any combination of (4) indoor units.
Combinations **SHOULD NOT:** Exceed the maximum allowable total indoor unit connected capacity of 48,000 Btu.



FPHMR42A3D
54,000 Btu
MAX. CONNECTED CAPACITY

3 ZONES

Select any combination of (3) indoor units with no more than (2) 18,000 Btu indoor units plus (1) other indoor unit.

4 ZONES

Select any combination of (4) indoor units.

5 ZONES

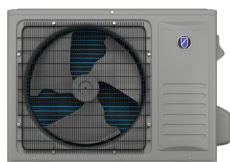
Select any combination of (5) indoor units.
Combinations **SHOULD NOT:** Exceed the maximum allowable total indoor unit connected capacity of 54,000 Btu.

MULTI-ZONE CONFIGURATION, AHRI RATINGS

AHRI Ratings Chart
Coming Soon

FLOATING AIR™ PRO X | MULTI-ZONE ALLOWABLE CONFIGURATIONS

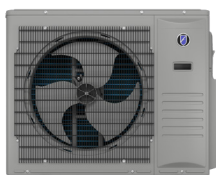
Select the outdoor unit that is applicable to the number of indoor spaces you want to heat and cool. Mix-and-match flexibility lets you select the type of indoor units best suited to the application. Select from wall-mounted, ceiling cassette or concealed ducted heat pumps.



2 ZONES ONLY

18,000 BTU

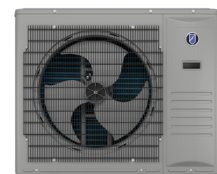
24,000 Btu max. connected capacity



2 OR 3 ZONES

27,000 BTU

36,000 Btu max. connected capacity



2, 3 OR 4 ZONES

36,000 BTU

48,000 Btu max. connected capacity

FPHMR18A3D		
ZONE 1	ZONE 2	TOTAL
7	7	14
7	9	16
7	12	19
9	9	18
9	12	21
12	12	24 (max.)

FPHMR27A3D			
ZONE 1	ZONE 2	ZONE 3	TOTAL
7	7	-	14
7	9	-	16
7	12	-	19
7	18	-	25
9	9	-	18
9	12	-	21
9	18	-	27
9	24	-	33
12	12	-	24
12	18	-	30
18	18	-	36 (max.)
7	7	7	21
7	7	9	23
7	7	12	26
7	7	18	32
7	9	9	25
7	9	12	28
7	9	18	34
7	12	12	31
7	12	18	37
9	9	9	27
9	9	12	30
9	9	18	36 (max.)
9	12	12	33
12	12	12	36 (max.)

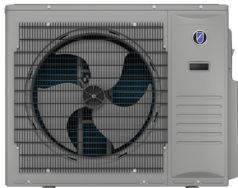
FPHMR36A3D				
ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL
18	18	-	-	36
7	7	7	-	21
7	7	9	-	23
7	7	12	-	26
7	7	18	-	32
7	7	24	-	38
7	9	9	-	25
7	9	12	-	28
7	9	18	-	34
7	9	24	-	40
7	12	12	-	31
7	12	18	-	37
7	12	24	-	43
7	18	24	-	49
9	9	9	-	27
9	9	12	-	30
9	9	18	-	36
9	9	24	-	42
9	12	12	-	33
9	12	18	-	39
9	12	24	-	45
9	18	24	-	51
12	12	12	-	36
12	12	18	-	42
12	12	24	-	48 (max.)
18	18	7	-	43
18	18	9	-	45
18	18	12	-	48 (max.)
7	7	7	7	28
7	7	7	9	30
7	7	7	12	33
7	7	7	18	39
7	7	7	24	45
7	7	9	9	32
7	7	12	12	35
7	7	9	18	41
7	7	9	24	47
7	7	12	12	38
7	7	12	18	44
7	7	12	24	50
7	9	9	9	34
7	9	9	12	37
7	9	9	18	43
7	9	9	24	49
7	9	12	12	40
7	9	12	18	46
7	9	12	24	52
7	12	12	12	43
7	12	12	18	49
9	9	9	9	36
9	9	9	12	39
9	9	9	18	45
9	9	9	24	51
9	9	12	12	42
9	9	12	18	48
9	12	12	12	45
9	12	12	18	51
12	12	12	12	48 (max.)

Floating Air™ Multi-Zone allowable combinations that exceed our 100% ratio.

INDOOR UNITS

<p>Wall-mounted</p>	MODEL	BTU
	FPHMW07A3B	7,000
	FPHFW09A3B	9,000
	FPHFW12A3B	12,000
	FPHFW18A3B	18,000
	FPHFW24A3B	24,000
<p>Ceiling cassette</p>	MODEL	BTU
	FPHFC09A3D	9,000
	FPHFC12A3D	12,000
	FPHFC18A3D	18,000
	FPHFC24A3D	24,000
<p>Concealed ducted</p>	MODEL	BTU
	FPHFD09A3A	9,000
	FPHFD12A3A	12,000
	FPHFD18A3A	18,000
	FPHFD24A3A	24,000
<p>24V Air Handler</p>	MODEL	BTU
	FPHFA18A3D	18,000
	FPHFA24A3D	24,000

FLOATING AIR™ PRO X | MULTI-ZONE ALLOWABLE CONFIGURATIONS



3, 4 OR 5
ZONES

42,000 BTU

54,000 Btu max. connected capacity

FPHMR42A3D					
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	TOTAL
7	7	7	-	-	21
7	7	9	-	-	23
7	7	12	-	-	26
7	7	18	-	-	32
7	7	24	-	-	38
7	9	9	-	-	25
7	9	12	-	-	28
7	9	18	-	-	34
7	9	24	-	-	40
7	12	12	-	-	31
7	12	18	-	-	37
7	12	24	-	-	43
7	18	18	-	-	43
7	18	24	-	-	49
9	9	9	-	-	27
9	9	12	-	-	30
9	9	18	-	-	36
9	9	24	-	-	42
9	12	12	-	-	33
9	12	18	-	-	39
9	12	24	-	-	45
9	18	18	-	-	45
9	18	24	-	-	51
12	12	12	-	-	36
12	12	18	-	-	42
12	12	24	-	-	48
12	18	18	-	-	48
12	18	24	-	-	54
7	7	7	7	-	28
7	7	7	9	-	30
7	7	7	12	-	33
7	7	7	18	-	39
7	7	7	24	-	45
7	7	9	9	-	32
7	7	9	12	-	35
7	7	9	18	-	41
7	7	9	24	-	47
7	7	12	12	-	38
7	7	12	18	-	44
7	7	12	24	-	50
7	7	18	24	-	56
7	9	9	9	-	34
7	9	9	12	-	37
7	9	9	18	-	43
7	9	9	24	-	49
7	9	12	12	-	40
7	9	12	18	-	46
7	9	12	24	-	52
7	9	18	24	-	58
7	12	12	12	-	43
7	12	12	18	-	49
7	12	12	24	-	55
9	9	9	9	-	36
9	9	9	12	-	39
9	9	9	18	-	45
9	9	9	24	-	51
9	9	12	12	-	42
9	9	12	18	-	48
9	9	12	24	-	54 (max.)
9	9	18	24	-	60
9	12	12	12	-	45
9	12	12	18	-	51
9	12	12	24	-	57
12	12	12	12	-	48
12	12	12	18	-	54 (max.)

FPHMR42A3D					
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	TOTAL
7	7	7	7	7	35
7	7	7	7	9	37
7	7	7	7	12	40
7	7	7	7	18	46
7	7	7	7	24	52
7	7	7	9	9	39
7	7	7	9	12	42
7	7	7	9	18	48
7	7	7	9	24	54 (max.)
7	7	7	12	12	45
7	7	7	12	18	51
7	7	7	9	9	41
7	7	9	9	12	44
7	7	9	9	18	50
7	7	9	12	12	47
7	7	12	12	12	50
7	9	9	9	9	43
7	9	9	9	12	46
7	9	9	9	18	52
7	9	9	12	12	49
7	9	12	12	12	52
9	9	9	9	9	45
9	9	9	9	12	48
9	9	9	9	18	54 (max.)
9	9	9	12	12	51
9	9	12	12	12	54 (max.)

Tech Specs

REFRIGERATION LINE SETS (REQUIRED) OUTSIDE DIMENSIONS & MIN/MAX LENGTHS

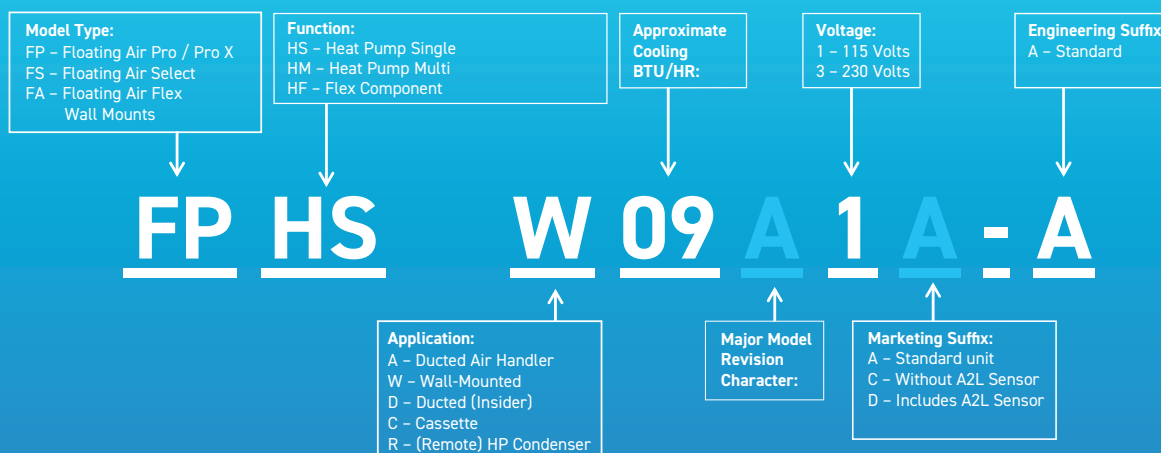
FLOATING AIR™ PRO & PRO X WALL-MOUNTED						
System Model	Liquid	Suction	Lineset Kit	Lineset Kit	Min. (ft.)	Max. Each/ Total (ft.)
FPHW091C	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FPHW121C	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FPHW093D	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FPHW123D	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FPHW183D	1/4	1/2	T42150 - 15'	T42250 - 25'	10	98
FPHW243D	3/8	5/8	T53250 - 25'	T53350 - 35'	10	98
FLOATING AIR™ PRO & PRO X MULTI-ZONE OUTDOOR						
FPHMR18A3D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	82/164
FPHMR27A3D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	66/230
FPHMR36A3D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	66/230
FPHMR42A3D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	66/262
FLOATING AIR™ SELECT WALL-MOUNTED						
FSHW091C	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FSHW121C	1/4	3/8	T32150 - 15'	T32350 - 35'	10	66
FSHW183D	1/4	1/2	T42150 - 15'	T42350 - 35'	10	98
FSHW243D	3/8	5/8	T53250 - 25'	T53350 - 35'	10	98
FSHW363D	3/8	5/8	T53250 - 25'	T53350 - 35'	15	98
FLOATING AIR™ PRO X CASSETTE SINGLE-ZONE						
FPHC093D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	82
FPHC123D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	82
FPHC183D	1/4	1/2	T42150 - 15'	T42250 - 25'	25	82
FPHC243D	3/8	5/8	T53250 - 25'	T53350 - 35'	25	164
FPHC363D	3/8	3/4	T63500 - 50'		25	164
FLOATING AIR™ PRO X THE INSIDER® SINGLE-ZONE CONCEALED DUCTED						
FPHD093D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	82
FPHD123D	1/4	3/8	T32150 - 15'	T32350 - 35'	25	82
FPHD183D	1/4	1/2	T42150 - 15'	T42250 - 25'	25	82
FPHD243D	3/8	5/8	T53250 - 25'	T53350 - 35'	25	164
FPHD363D	3/8	3/4	T63500 - 50'		25	164

AIR HANDLER REFRIGERATION LINE SET INFORMATION COMING SOON.

TORQUE WRENCH SETTINGS

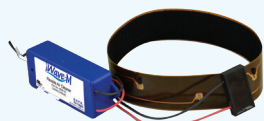
Outside Diameter		Torque	
mm	in.	ft.-lbs.	N·m
6.35	1/4	13 – 18	17.6 – 24.5
9.52	3/8	25 – 30	33.3 – 41.2
12.7	1/2	40 – 47	53.9 – 64.7
15.88	5/8	45 – 59	61.7 – 80.4

Model Identification Guide (Preliminary)



Accessories

FreshAir® IAQ (Optional)



FreshAir® IAQ are proven, easy-to-install accessories that improve the health and quality of indoor air.

FreshAir Purifier APWM1 by iWave® – Optional accessory for all Friedrich wall-mounted ductless models that kills mold, bacteria and viruses—while effectively removing odors and VOCs.

Wall Controllers (Optional)



FPWC1 – Optional wired wall controller for Floating Air Pro, single- and multi-zone models. Does not work with FPHSW36A3C at this time. Please check with your Friedrich representative for options.



DSSXEMWRTA4 – Optional wireless energy management thermostat with occupancy sensor. For Floating Air Pro, single- and multi-zone models.



VERSATILE, SUPER-EFFICIENT
& ULTRA-QUIET



Friedrich.com/FloatingAir



Many Friedrich Floating Air™ Pro models have earned our Sustainability Standout® seal, indicating that they are among the best of the best. We created the seal to help you more easily find the products that save energy, save money and save the planet.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice. Your energy costs will depend on your utility rates and use. The estimated energy cost is based on a electricity cost of \$.13 per kWh. For more information, visit www.ftc.gov/energy.

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