

SUBMITTAL DATA SHEET

SINGLE PACKAGE HEAT PUMP, 3 - 10 TONS
MODELS: XYE04-09, XXE07-12, XQE04-06



JOB NAME:		LOCATION:		
PURCHASER:		ORDER NO:		
ENGINEER:				
SUBMITTED TO:	FOR:	REF:	APPROVAL:	CONSTRUCTION:
SUBMITTED BY:		DATE:		
UNIT DESIGNATION:		SCHEDULE NO.	MODEL NO.	

COOLING PERFORMANCE

TOTAL CAPACITY----- MBH
 SENSIBLE CAPACITY----- MBH
 OUTDOOR DESIGN TMP. - °F DB/WB
 TOTAL SUPPLY AIR ----- CFM
 TEMP. OF AIR ENTERING
 EVAPORATOR COIL ----- °F
 POWER INPUT REQ. ----- KW
 (LESS BLOWER MOTOR)

HEATING PERFORMANCE

CAPACITY
 @ 47°F----- MBH
 @ 17°F----- MBH
 COEFFICIENT OF PERFORMANCE
 @ 47°F----- MBH
 @ 17°F----- MBH
 ELECTRIC HEAT----- KW

SUPPLY AIR BLOWER PERFORMANCE

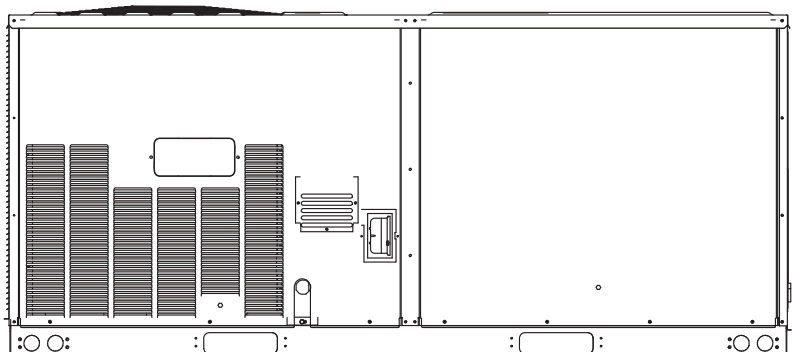
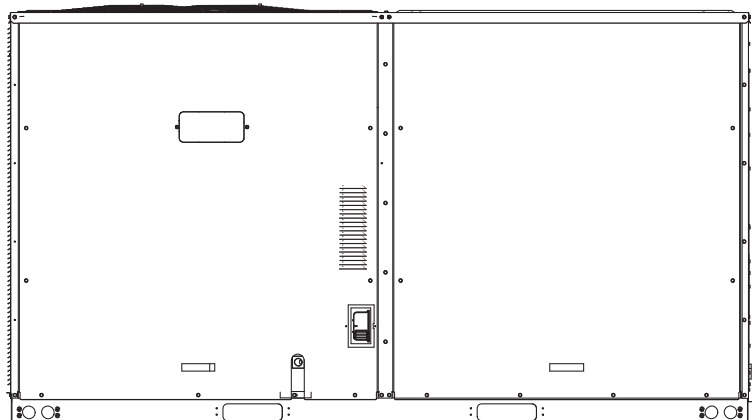
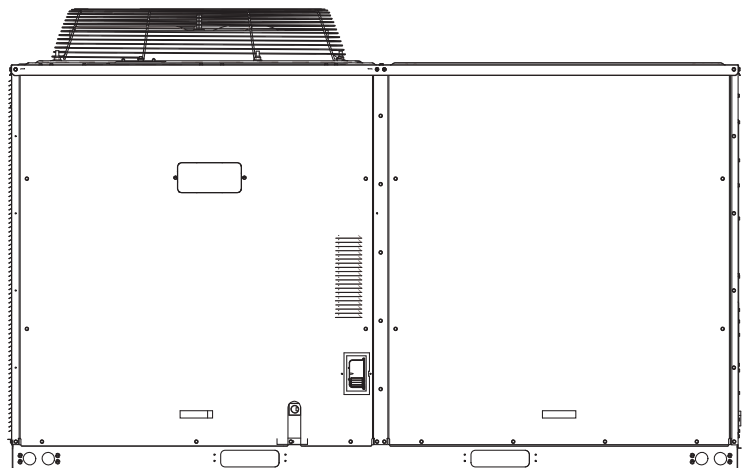
TOTAL SUPPLY AIR ----- CFM
 EXT. STATIC PRESS. ----- IWG
 BLOWER SPEED----- RPM
 POWER OUTPUT REQ. ----- BHP
 MOTOR RATING ----- HP
 POWER INPUT REQ. ----- KW

ELECTRICAL DATA

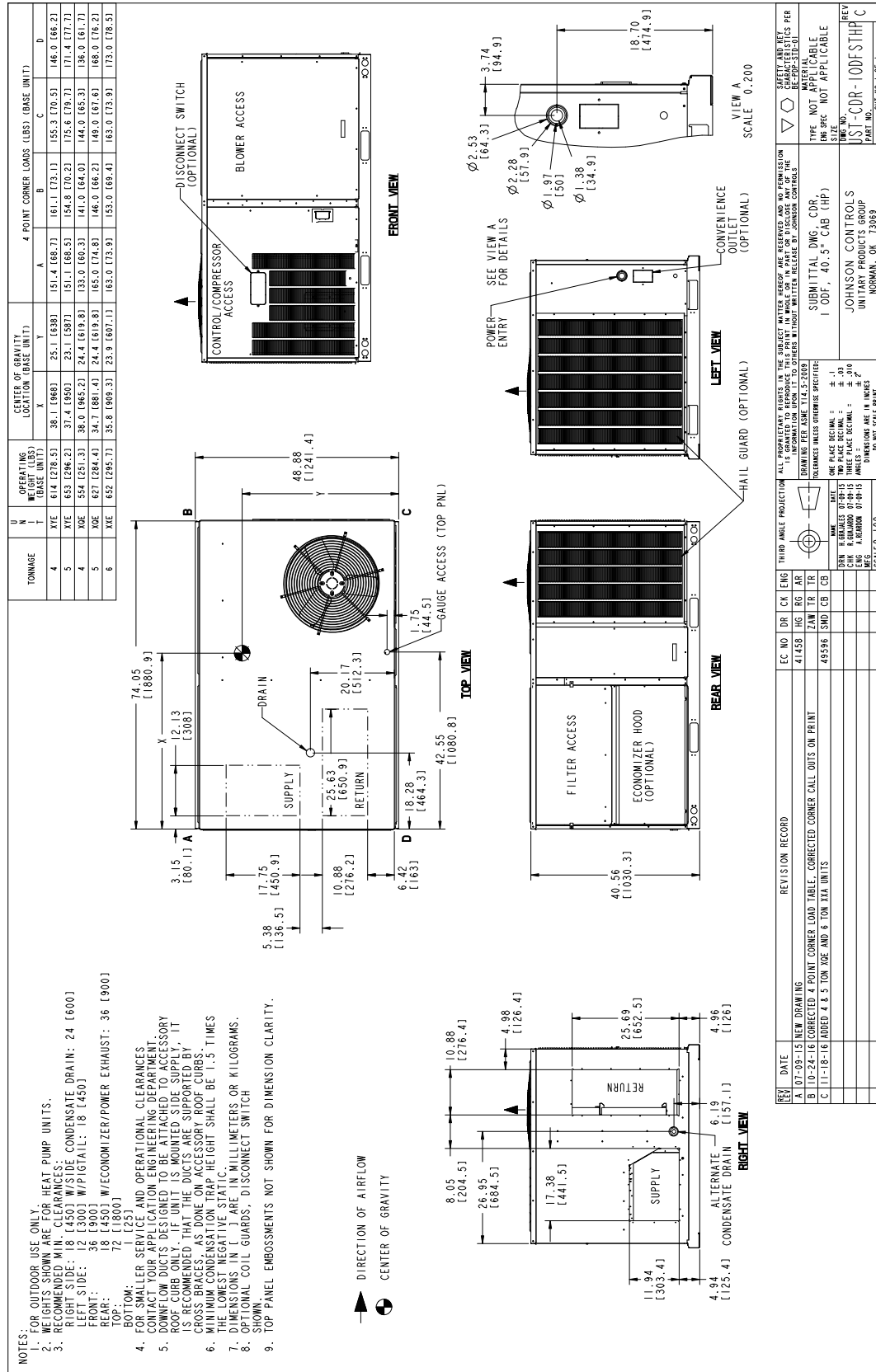
POWER SUPPLY-----
 TOTAL UNIT AMPACITY ----- AMPS
 MAX. OVERCURRENT DEVICE
 ___ FUSE ___ BREAKER ----- AMPS

TOTAL UNIT WEIGHT

INCLUDING FACTORY- INSTALLED
 OPTIONS ----- LBS













XYE04-06, XQE04-06, and XXEA7 Unit Clearances

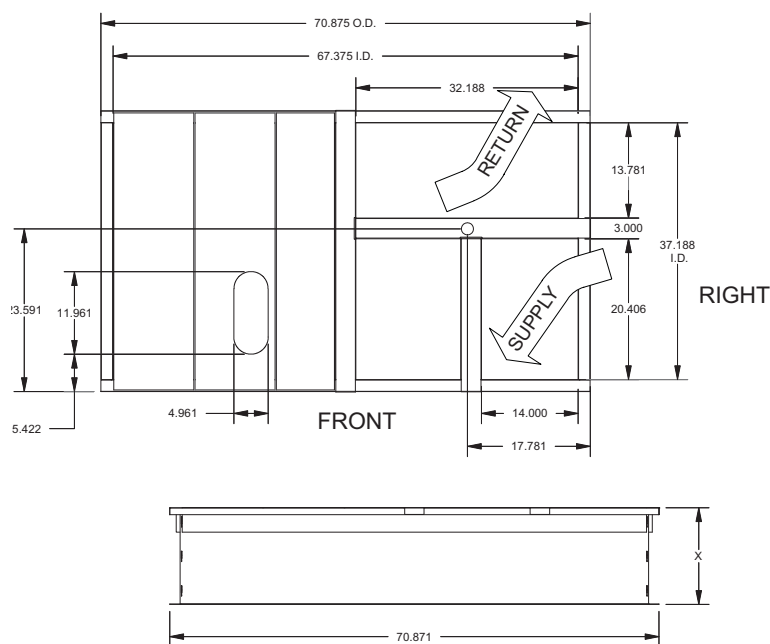
Direction	Distance (in.)	Direction	Distance (in.)
Top ¹	72	Right	18
Front	36	Left	12
Rear	18 ² /36 ³	Bottom ⁴	1

1. Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2. Units without economizer or power exhaust.
3. Units equipped with an Economizer or Power Exhaust. Flue products must not be discharged within 10 Feet of the rear of the unit.
4. Units may be installed on combustible floors made from wood or class A, B or C roof covering materials.

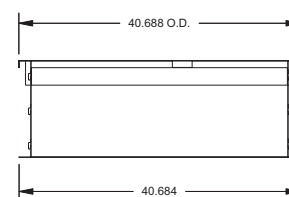
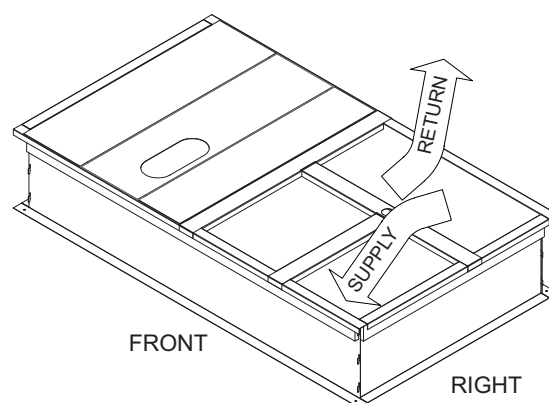
XXE08-12 and XYE07/A7-09 Unit Clearances

Direction	Distance (in.)	Direction	Distance (in.)
Top ¹	72	Right	18
Front	48	Left	12
Rear	18 ² /36 ³	Bottom ⁴	1

1. Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2. Units without economizer or power exhaust.
3. Units equipped with an Economizer or Power Exhaust. Flue products must not be discharged within 10 Feet of the rear of the unit.
4. Units may be installed on combustible floors made from wood or class A, B or C roof covering materials.

XYE04-06, XXAE7 and XQE04-06 Unit Roof Curb Dimensions**1RC0456, 1RC0458 Roof Curb Dimensions**

1RC0456 X= 14" Height
1RC0458 X= 24" Height

**Notes:**

1. Sides, ends and cross support are 18-G90. Deck pans, R/A & S/A supports are 20-G90.
2. Full perimeter wood nailer.
3. Insulated deck pans.

Unit Models used with 1RC0456, 1RC0458 Roof Curb

XYE/XQE04
XYE/XQE05
XYE/XQE06
XXEA7

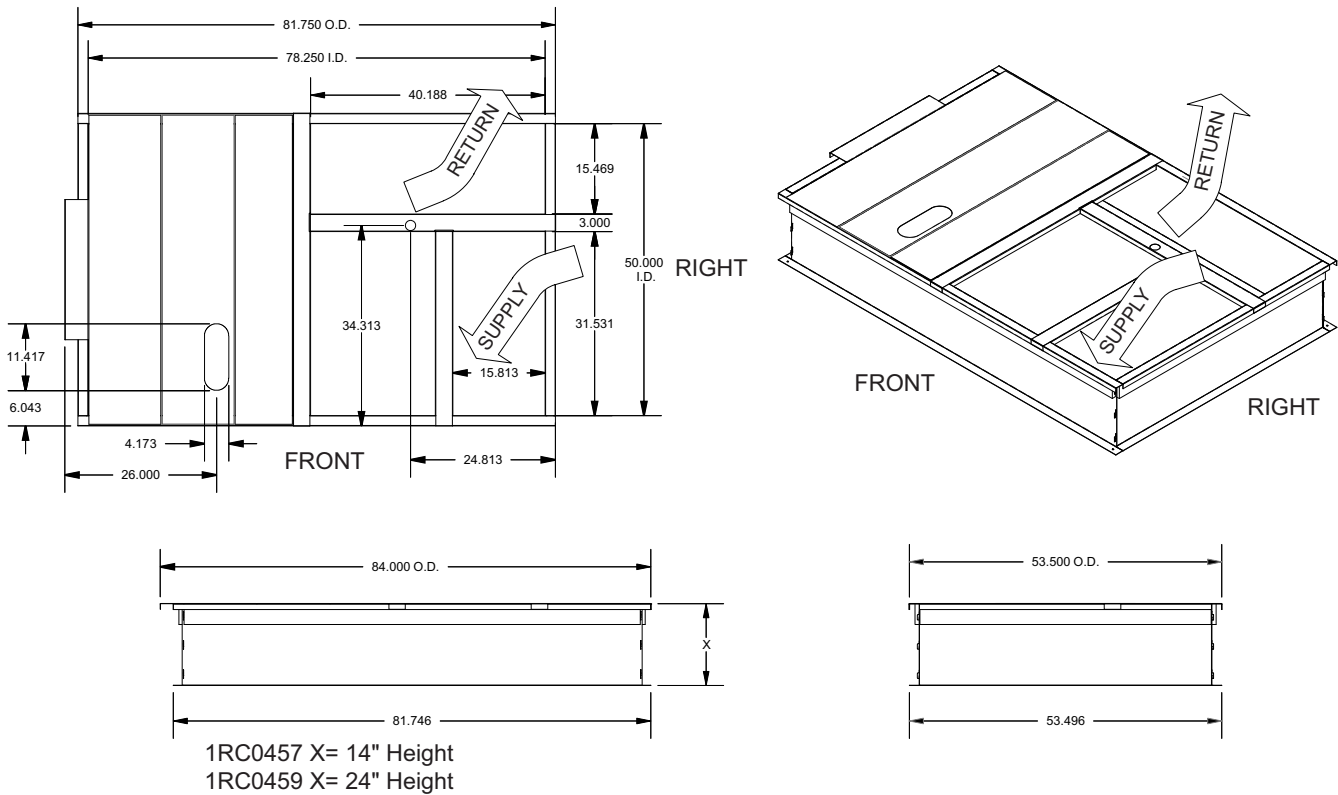
NOTE: If utilities are required thru the base of the unit or thru the roof curb the following field installed accessories can be purchased thru your dealer or contractor:

1TB0401 - Thru the base electrical and thru the curb gas

1TB0403 - Thru the base electrical and gas

XYEA7, XYE07-09, XXE08-09, and XXE12 Unit Roof Curb Dimensions

1RC0457, 1RC0459 Roof Curb Dimensions



- Notes:**
- 1. Sides, ends, unit locator and cross support are 18-G90. Deck pans, R/A & S/A supports are 20-G90.
 - 2. Full perimeter wood nailer.
 - 3. Insulated deck pans.

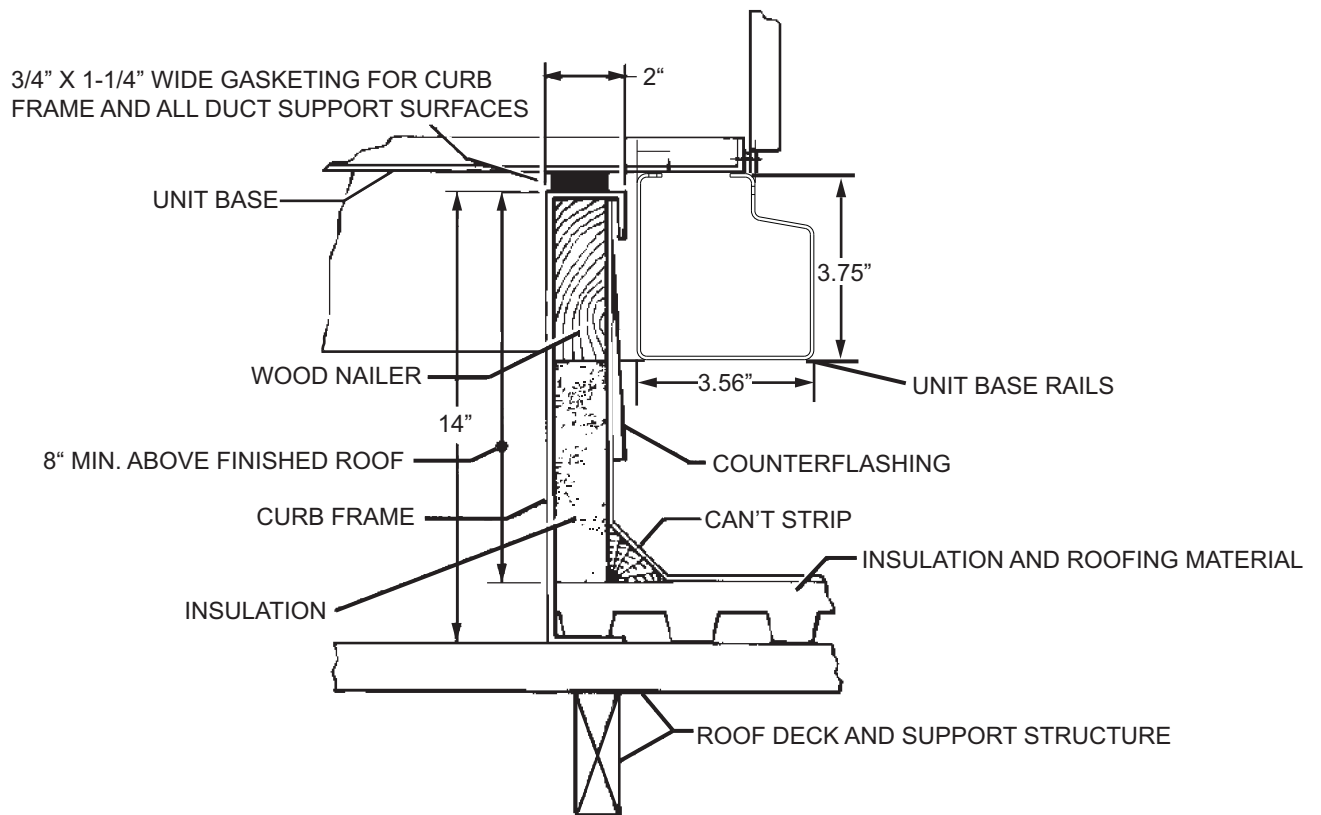
Unit Models used with 1RC0457, 1RC0459 Roof Curb

XYEA7/XYE07
XYE/XXE08
XYE/XXE09
XXE12

NOTE: If utilities are required thru the base of the unit or thru the roof curb the following field installed accessories can be purchased thru your dealer or contractor:

1TB0404 - Thru the base electrical

Roof Curb Cutaway

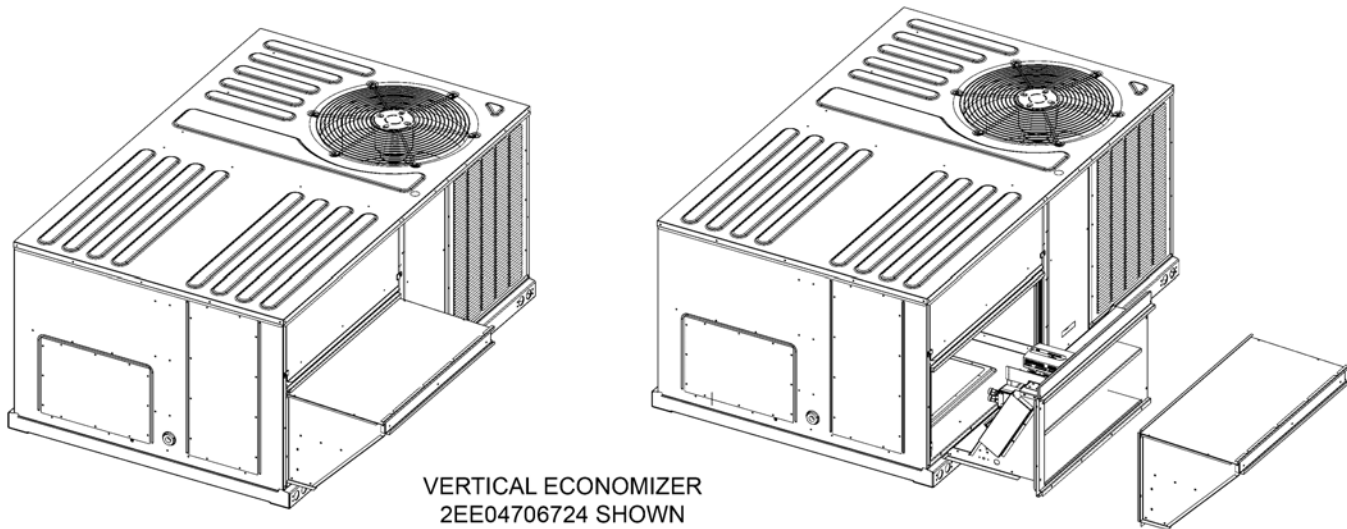


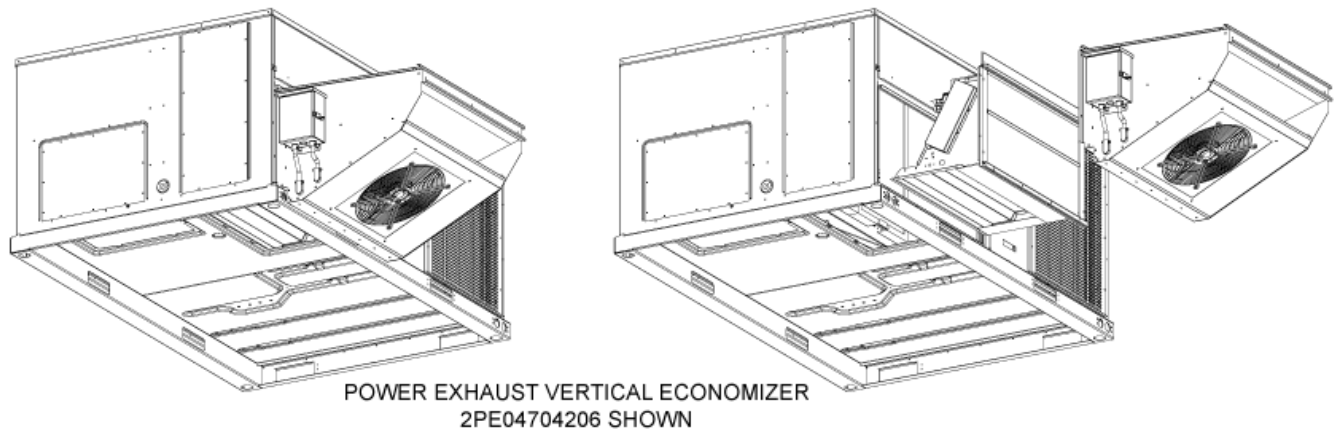
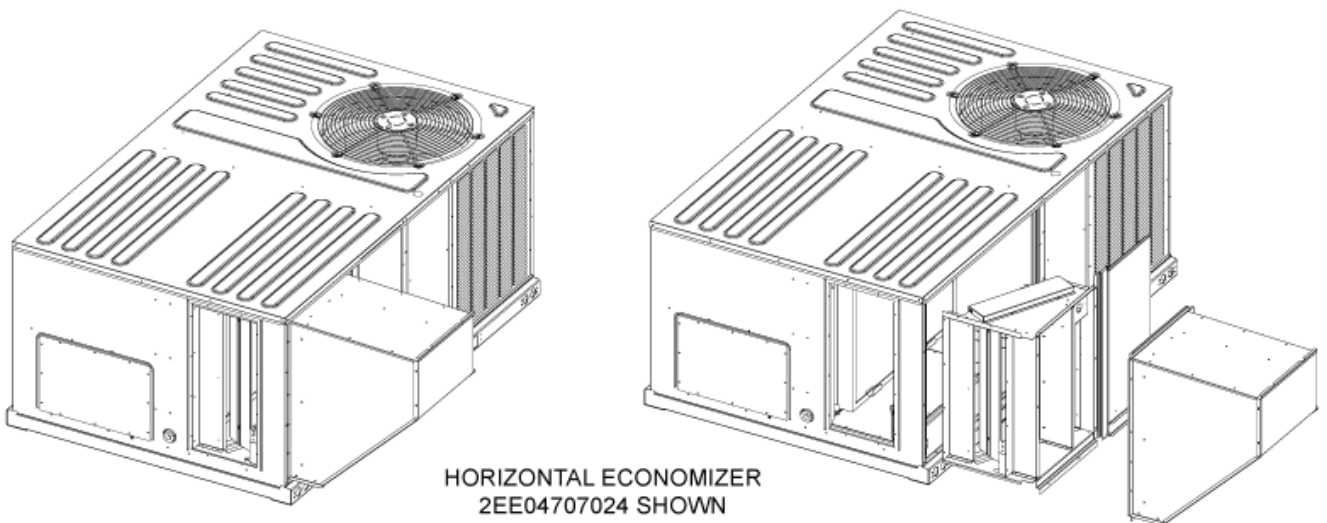
Economizer Options

Economizer Usage

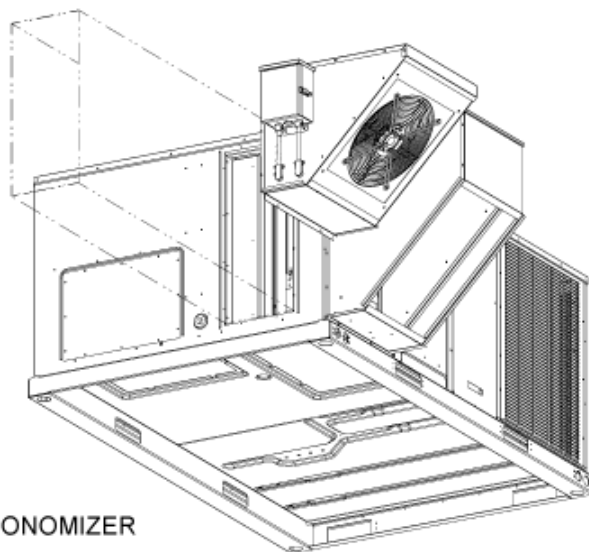
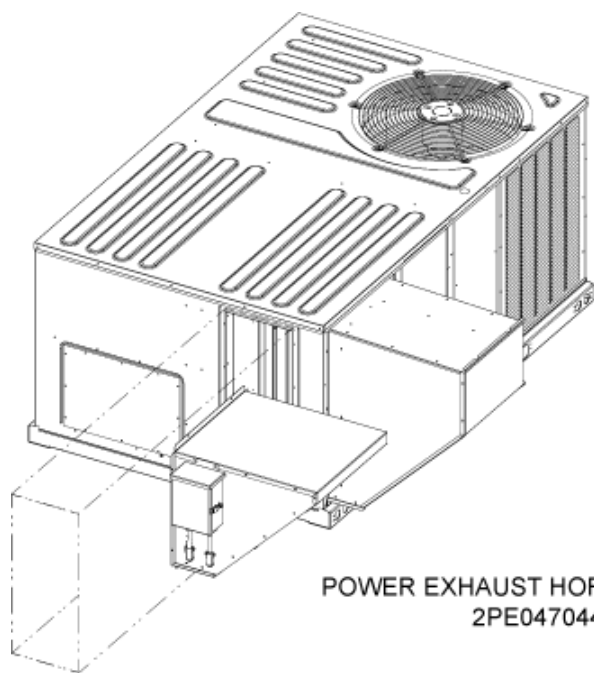
Application	Description	Accessory Kit Number
Economizer Vertical Flow	Econ, DB, Vertical Flow, Small Footprint	2EE04706724
	Econ, DB, Vertical Flow, Large Footprint	2EE04706824
Economizer Horizontal Flow	Econ, DB, Horizontal Flow, Small Footprint, Short Cabinet	2EE04707024
	Econ, DB, Horizontal Flow, Small Footprint, Tall Cabinet	2EE04707124
	Econ, DB, Horizontal Flow, Large Footprint, Short Cabinet	2EE04707224
	Econ, DB, Horizontal Flow, Large Footprint, Tall Cabinet	2EE04707324
Power Exhaust Vertical Flow	Power Exhaust Vert Flow Small Footprint 208V-230V 1-ph	2PE04704206
	Power Exhaust Vert Flow Small Footprint 208V-230V 3-ph	2PE04704225
	Power Exhaust Vert Flow Small Footprint 460V 3-ph	2PE04704246
	Power Exhaust Vert Flow Small Footprint 575V 3-ph	2PE04704258
	Power Exhaust Vert Flow Large Footprint 208V-230V 1-ph	2PE04704306
	Power Exhaust Vert Flow Large Footprint 208V-230V 3-ph	2PE04704325
	Power Exhaust Vert Flow Large Footprint 460V 3-ph	2PE04704346
	Power Exhaust Vert Flow Large Footprint 575V 3-ph	2PE04704358
Power Exhaust Horizontal Flow	Power Exhaust Horiz Flow Small Footprint 208V-230V 1-ph	2PE04704406
	Power Exhaust Horiz Flow Small Footprint 208V-230V 3-ph	2PE04704425
	Power Exhaust Horiz Flow Small Footprint 460V 3-ph	2PE04704446
	Power Exhaust Horiz Flow Small Footprint 575V 3-ph	2PE04704458
	Power Exhaust Horiz Flow Large Footprint 208V-230V 1-ph	2PE04704506
	Power Exhaust Horiz Flow Large Footprint 208V-230V 3-ph	2PE04704525
	Power Exhaust Horiz Flow Large Footprint 460V 3-ph	2PE04704546
	Power Exhaust Horiz Flow Large Footprint 575V 3-ph	2PE04704558

Field Installed Vertical Flow Economizer



Field Installed Vertical Flow Economizer W/Power Exhaust**Field Installed Horizontal Flow Economizer**

Field Installed Horizontal Flow Economizer W/Power Exhaust



POWER EXHAUST HORIZONTAL ECONOMIZER
2PE04704406 SHOWN

FACTORY INSTALLED OPTIONS

ELECTRIC HEATER MODEL - KW _____ VOLTS _____ ☐
STAINLESS STEEL DRAIN PAN----- ☐
ECONOMIZER, DOWNFLOW, END RETURN HORIZONTAL----- ☐
POWER EXHAUST ----- ☐
MOTORIZED AIR DAMPER ----- ☐
HIGH STATIC INDOOR BLOWER MOTOR ----- ☐
DISCONNECT SWITCH ----- ☐
CONVENIENCE OUTLET, POWERED ----- ☐
CONVENIENCE OUTLET, NON-POWERED ----- ☐
SMOKE DETECTOR (RETURN) ----- ☐
SMOKE DETECTOR (SUPPLY) ----- ☐
PHASE MONITOR¹ ----- ☐
COIL GUARD ----- ☐
DIRTY FILTER SWITCH----- ☐
FILTERS, 2" PLEATED, MERV 7 ----- ☐
FILTERS, 4" PLEATED, MERV 13 ----- ☐
PHENOLIC COATED EVAPORATOR COILS----- ☐
PHENOLIC COATED CONDENSER COILS----- ☐
E-COAT EVAPORATOR COILS ----- ☐
E-COAT CONDENSER COILS ----- ☐
BAS OPTION
Smart Equipment™ w/Communication ----- ☐
BACnet MS/TP (programmable to Modbus or N2 protocols) ----- ☐
Verasys ----- ☐

FIELD INSTALLED ACCESSORIES

ROOF CURB, 8" ----- ☐
ROOF CURB, 14"----- ☐
TRANSITION ROOF CURB ----- ☐
COIL GUARD ----- ☐
HAIL GUARD----- ☐
PERMANENT FILTERS ----- ☐
METAL FILTER FRAME KIT ----- ☐
DIRTY FILTER SWITCH----- ☐
AIR PROVING SWITCH ----- ☐
BURGLAR BARS (DOWNFLOW ONLY) ----- ☐
LOW AMBIENT KIT ----- ☐
SMOKE DETECTOR (RETURN) ----- ☐
SMOKE DETECTOR (SUPPLY) ----- ☐
CO2 SENSOR ----- ☐
PHASE MONITOR¹ ----- ☐
ECONOMIZER, DOWNFLOW, END RETURN HORIZONTAL----- ☐
ECONOMIZER, HORIZONTAL ----- ☐
SINGLE ENTHALPY----- ☐
DUAL ENTHALPY ----- ☐
POWER EXHAUST ----- ☐
MOTORIZED OUTDOOR AIR DAMPER ----- ☐
MANUAL OUTDOOR AIR DAMPER ----- ☐
ELECTRIC HEATER MODEL - KW _____ VOLTS _____ ☐
WALL MOUNT TEMPERATURE SENSOR----- ☐
WALL MOUNT TEMPERATURE SENSOR WITH
OVERRIDE ----- ☐
WALL MOUNT TEMPERATURE SENSOR WITH
OVERRIDE & SET POINT ADJ. ----- ☐
HUMIDITY SENSOR ----- ☐

1. Phase monitor standard on units with scroll compressors.