

Submittal Data Sheet

Single Package Heat Pump with Electric Heat 14 SEER (13.4 SEER2) - R-410A - 3 ton to 5 ton Models: PHE4*36 to 60 - Three-Phase

Job name:		Location:		
Purchaser:		Order number:		
Engineer:				
Submitted to:	For:	Ref:	Approval:	Construction:
Submitted by:		Date:		
Unit designation:		Schedule number:		Model number:

Product data

Cooling performance	
Total capacity	_____ MBH
Sensible capacity	_____ MBH
Outdoor design temperature	_____ °F DB/WB
Total supply air	_____ CFM
Temperature of air entering indoor coil	_____ °F DB/WB
Power input required (less blower motor)	_____ kW
Heating performance	
Optional electric heat input/output capacity	_____ kW
Supply air blower performance	
Total supply air	_____ CFM
Total resistance external to unit	_____ IWG
Blower speed (circle)	_____ 1 2 3 4 5
Motor rating	_____ HP
Power input required	_____ W
Electrical data	
Power supply	_____/_____/_____
Total unit ampacity	_____ A
Minimum wire size	_____ AWG
Maximum overcurrent device	_____ Fuse _____ Circuit breaker _____ A
Overcurrent device	<input type="checkbox"/> Fuses <input type="checkbox"/> Circuit breaker
Unit weight	
Total unit weight (operational)	_____ lb

Features

- Units use R-410A refrigerant.
- All models are rated at 14.0 SEER (13.4 SEER2) and 8.0 HSPF (6.7 HSPF2) per DOE procedures and are AHRI certified.
- All models provide single-stage cooling and heating with optional electric heat.
- Units are easily convertible from horizontal supply airflow to downflow supply airflow applications.
- Units have removable base rails with built-in rigging and shipping provisions.
- Outdoor coils are made with rifled copper tubing and enhanced aluminum fins for long-lasting durability and efficient performance.
- Indoor coils are made from aluminum tubing and enhanced aluminum fins for performance and formicary corrosion protection.
- Indoor blowers are equipped with 5-speed energy efficient standard ECM motors.
- Field installed 6HK electric heat kits are available from 10 kW to 25 kW in 208/230-3-60 and 460-3-60.
- 208/230 V electric heat kits are stageable above 15 kW.
- Single-point field wiring kits are available for all applications.
- The cabinet is made of G90 galvanized steel with a powder paint coating for appearance and protection with superior corrosion resistance (1,000 h salt spray tested).
- Individual access panels covering all major components make servicing easy.
- The outdoor coil grille uses a stamped slotted design that provides superior impact protection against small objects during transit and after installation.
- Units have multiple options for demand defrost (four unique defrost curves provided) for optimized performance by capacity.
- Units have a slide-out blower assembly and indoor coil for easy cleaning and service.
- Units have bottom or side electrical connections for easy installation.
- An internal filter rack kit is shipped with all three-phase models.
- The complete line of field-installed accessories includes roof curb and adapters, economizers, manual air dampers, duct transitions, and more.
- Long-life, permanently lubricated outdoor fan motor bearings and indoor blower motor bearings need no annual maintenance, adding greater reliability to units.

Warranty summary

Standard 1-year limited parts warranty.
Standard 5-year limited compressor warranty.
See the limited warranty certificate in the *User's Information Manual* for details.

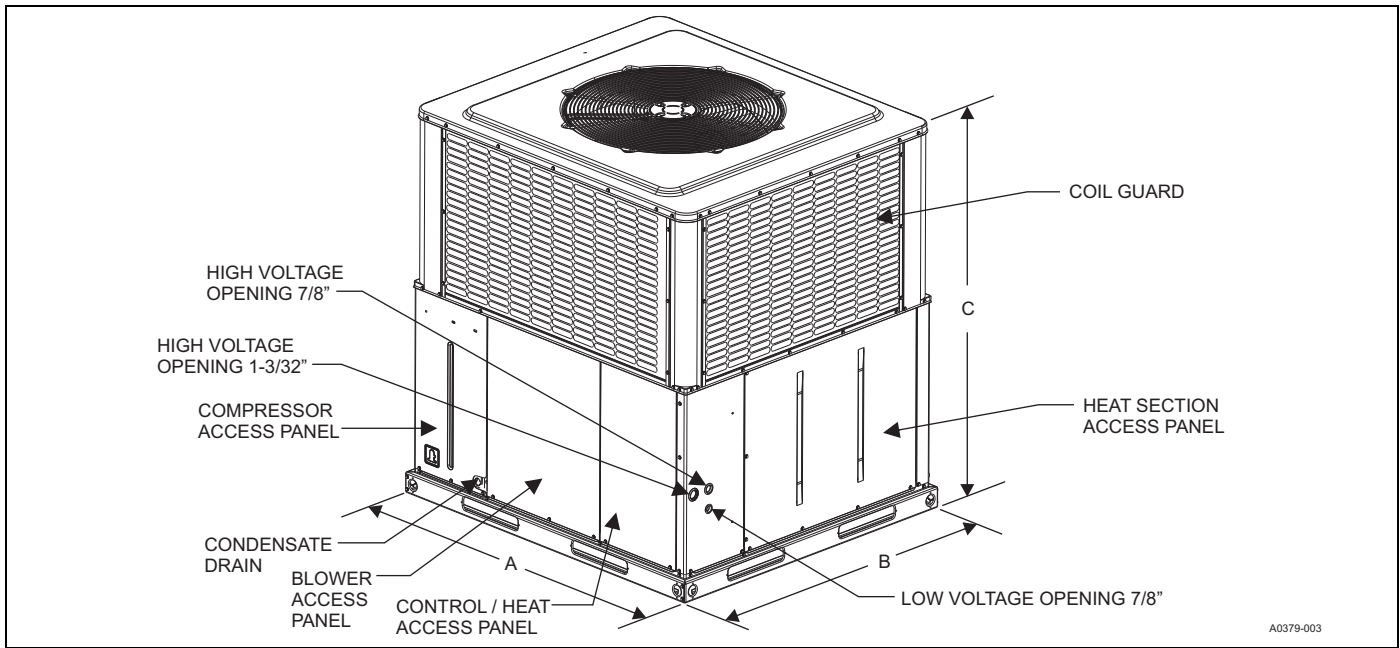
Unit clearances

Direction	Distance (in.)	Direction	Distance (in.)
Top ¹	36	Right side	36
Side opposite ducts	36	Left side	24
Duct panel	0	Bottom ^{2,3}	1

1. Provide a minimum clearance of 1 in. on all sides of the supply air duct for the first 3 ft of the duct for 20 kW and 25 kW heaters, 0 in. thereafter. For all other heaters, make sure that there is 0 in. clearance on all sides for the entire length of the supply air duct.
 2. Install units outdoors. Make sure that overhanging structures or shrubs do not obstruct the outdoor air discharge outlet.
 3. You can install units on combustible materials made from wood or class A, B, or C roof covering materials if the factory base rails are left in place as shipped.
- Note:** For units installed on a roof curb, you can reduce the minimum clearance between combustible roof curb material and the supply air duct from 1 in. to 1/2 in.



Assembled at a facility with an ISO 9001:2015-certified Quality Management System

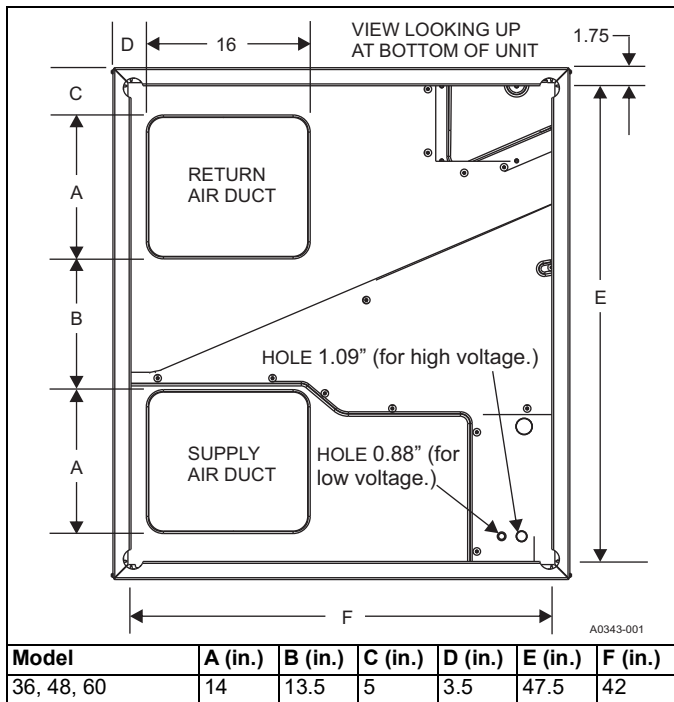


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Unit dimensions

Model	Dimensions (in.)		
	A	B	C
PHE4B36	51 1/4	45 3/4	47
PHE4B48	51 1/4	45 3/4	53
PHE4B60	51 1/4	45 3/4	55

Bottom duct dimensions (in.)

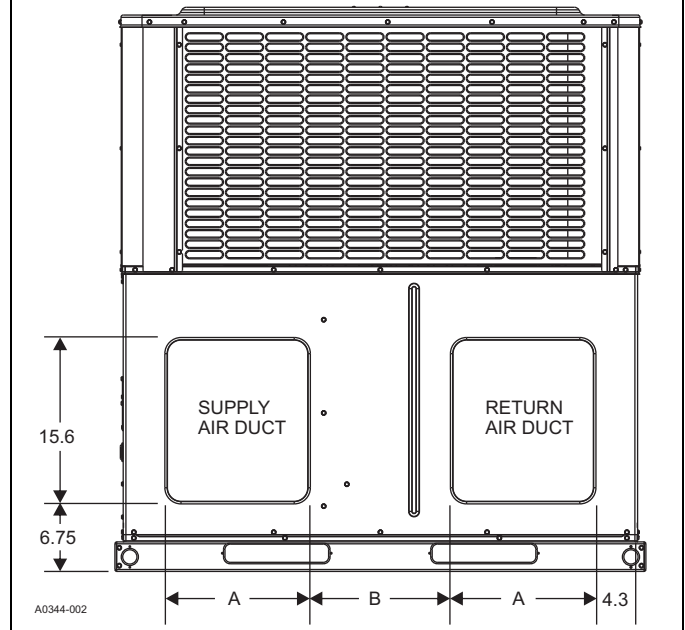


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Model	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)
36, 48, 60	14	13.5	5	3.5	47.5	42

Rear duct dimensions (in.)

NOTE: See Figure titled "Unit Dimensions" for side hole sizes of electrical lines.



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Model	A (in.)	B (in.)
36, 48, 60	13.6	14