

Submittal Data Sheet

Single Package Air Conditioner with Gas Heat Up to 16 SEER (15.2 SEER2) - R-410A - 3 ton to 5 ton Models: PCG6*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 temp _____	°F DB/WB
Total supply air _____	CFM
Temperature of air entering indoor coil _____	°F DB/WB
Power input required (minus blower motor) _____	kW
Heating performance	
Gas-fired heat exchanger input/output capacity _____	Btu/h
Supply air blower performance	
Total supply air _____	CFM
Total resistance external to unit _____	IWG
Blower speed (circle) _____	A B C D
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

- R-410A refrigerant
- High-pressure switch on all units
- Outdoor coils are constructed of rifled copper tube with aluminum fins for long-lasting durability and efficient operation.
- Indoor coils are constructed of highly efficient rifled aluminum tubes with enhanced aluminum fins.
- Internal compressor protection (temperature and pressure)
- Standard cooling operation down to 55°F
- Two-stage gas heat and two-stage cooling
- Gas heat exchanger design with stainless steel tubes
- Induced draft post-purge gas control logic
- Reliable direct spark ignition
- Ignition control provides a red LED for diagnostic error codes.
- Bottom and side electrical and gas utility connections
- Top discharge condenser air design with flush-mounted grille
- Removable base rails with built-in rigging and shipping provisions
- Unit cabinet is constructed of G-90, powder-painted steel, certified at 1,000 h salt spray test per ASTM-B117 standards.
- Easily field convertible from side to bottom return and supply duct connection
- Attractive cabinet design with single-piece *watershed* top cover to extend cabinet life and deter water collection
- Factory-installed, attractive powder-painted protection outdoor coil guard
- Foil face insulation that does not emit fibers into air stream
- Permanently lubricated outdoor and indoor motors
- Slide-out blower assembly with enhanced standard ECM motors on all models
- Non-corrosive condensate pan internally sloped to meet strict requirements of ASHRAE 62-19 Indoor Air Quality standard

Warranty summary*

- Standard 1-year limited parts warranty.
- Standard 5-year limited compressor warranty.
- 10-year gas heat exchanger warranty.

*See the limited warranty certificate in the *User's Information Manual* for details.

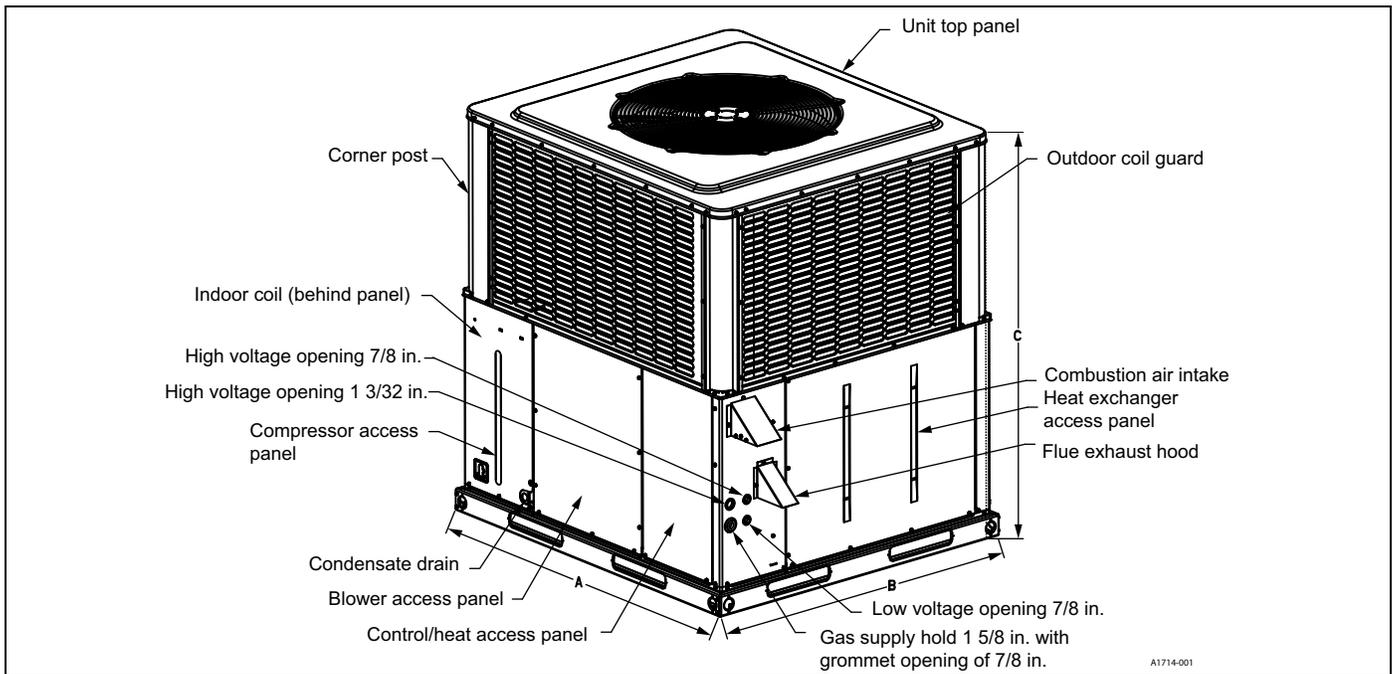
Unit clearances^{1,2}

Direction	Distance (in.)	Direction	Distance (in.)
Top ³	36	Power entry (right side)	36
Side opposite ducts	36	Left side	24
Duct panel	0	Bottom ⁴	1

1. A 1 in. clearance must be provided between any combustible material and the supply air ductwork.
2. The products of combustion must not be allowed to accumulate within a confined space and recirculate.
3. Units must be installed outdoors. Overhanging structures or shrubs must not obstruct the outdoor air discharge outlet.
4. Units can be installed on combustible materials made from wood or class A, B, or C roof covering materials if factory based rails are left in place as shipped.

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

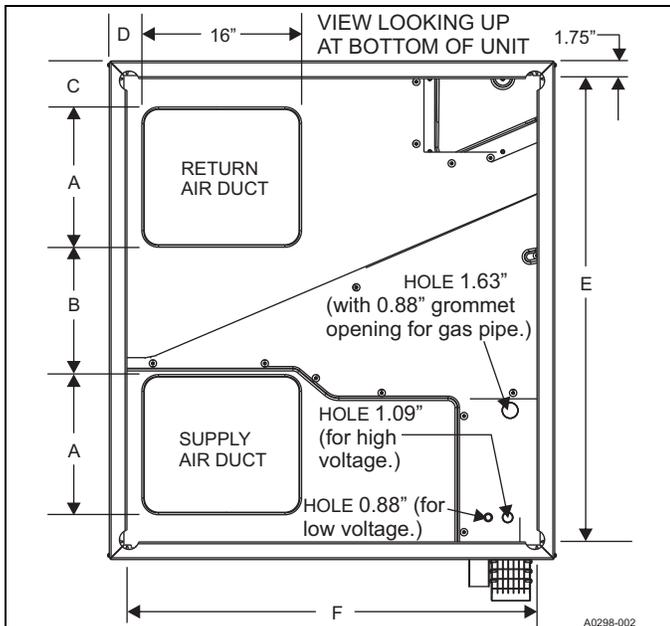




Unit dimensions and access locations

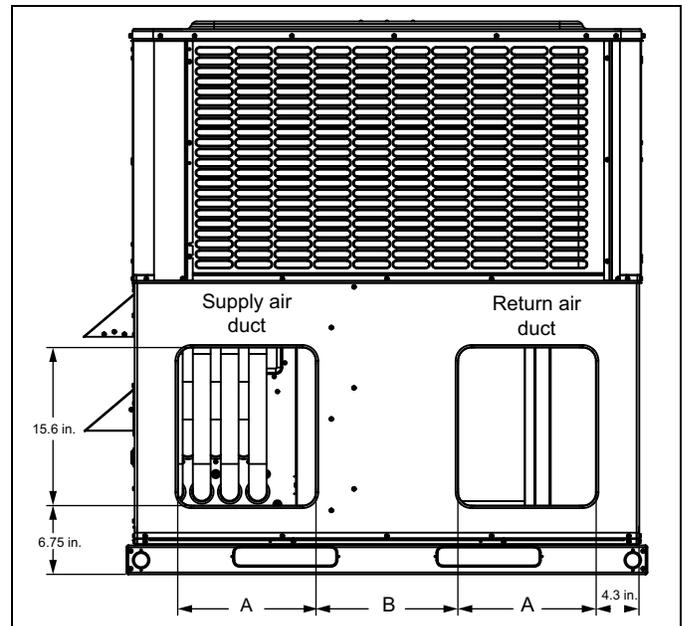
Model	Dimensions (in.)		
	A	B	C
PCG6A36	51 1/4	35 3/4	47
PCG6B48	51 1/4	45 3/4	47
PCG6B60	51 1/4	45 3/4	50

Bottom duct dimensions (in.)



Model	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)
36	10	21.5	5	4.5	47.5	32
48, 60	14	13.5	5	3.5	47.5	42

Rear duct dimensions (in.)



Model	A (in.)	B (in.)
36	9.6	22
48, 60	13.6	14

Note: See *Unit dimensions* and access locations for side hole sizes of electrical and gas lines.