

SUBMITTAL DATA SHEET

SINGLE PACKAGE AIR CONDITIONER/GAS HEAT 16 SEER - R-410A - 2 TONS TO 5 TONS MODELS: PCG6*24 TO 60 – 1 PHASE

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

PRODUCT DATA

Cooling Performance	
Total Capacity _____	MBH
Sensible Capacity _____	MBH
Outdoor Design Temp _____	°F DB/WB
Total Supply Air _____	CFM
Temp. of Air Entering _____	
Evaporator Coil _____	°F DB/WB
Power Input Req. (Less blower motor) _____	kW
Heating Performance	
Gas Fired Heat Exchanger	
Input/Output Capacity _____	BTUH
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 Req. _____	Watts
Electrical Data	
Power Supply _____ / _____ / _____	
Total Unit Ampacity _____	Amps
Minimum Wire Size _____	AWG
Max. Overcurrent Device _____	
_____ Fuse _____ Circuit Breaker _____	Amps
Overcurrent Device	
<input type="checkbox"/> Fuses <input type="checkbox"/> Circuit Breaker	
Unit Weight	
Total Unit Weight (Operational) _____	lb

FEATURES

- R-410A refrigerant.
- High-pressure switches on all products.
- 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.
- Compact size cabinet with two footprints for installation flexibility.
- Bottom and/or 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 hours 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 62-89 Indoor Air Quality standard.

WARRANTY SUMMARY*

Extended 10-year limited parts and compressor warranty.
Lifetime gas heat exchanger warranty with registration.

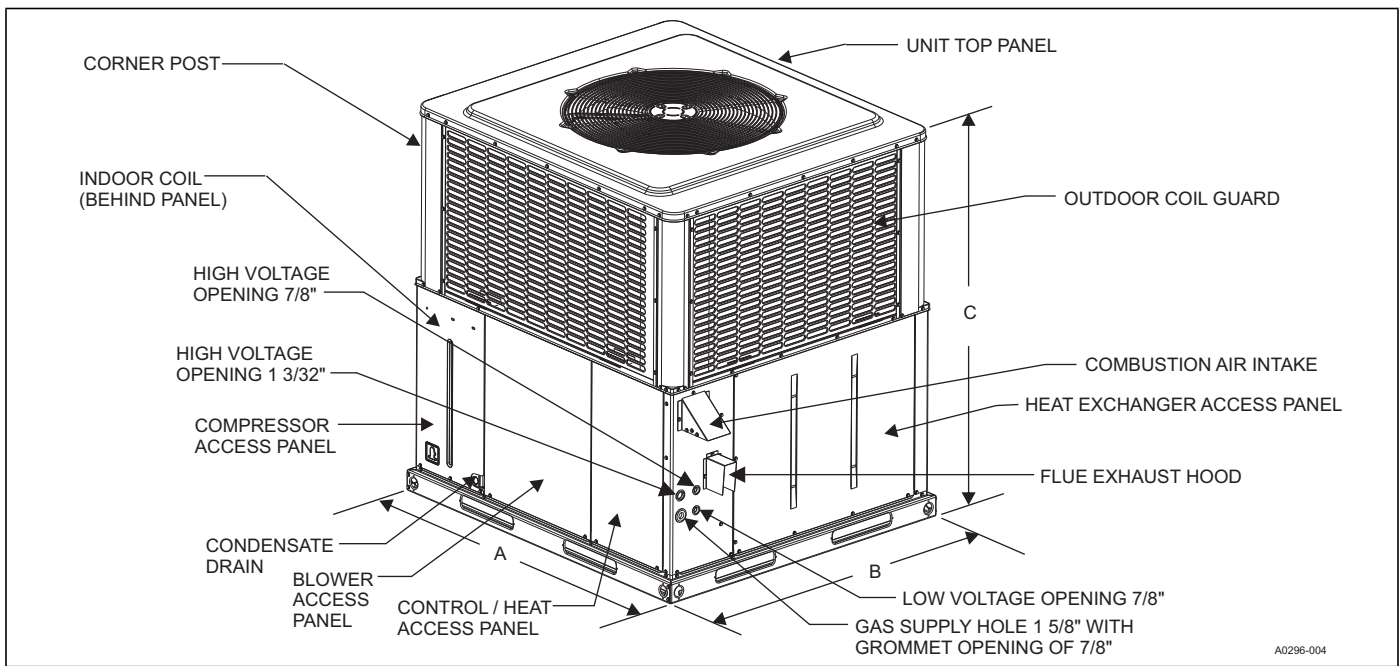
* Extended warranty requires online registration within 90 days of purchase for replacement or closing for new home purchase. See the limited warranty certificate in the *User's Information Manual* for details.

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 duct work.
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 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 base rails are left in place as shipped.

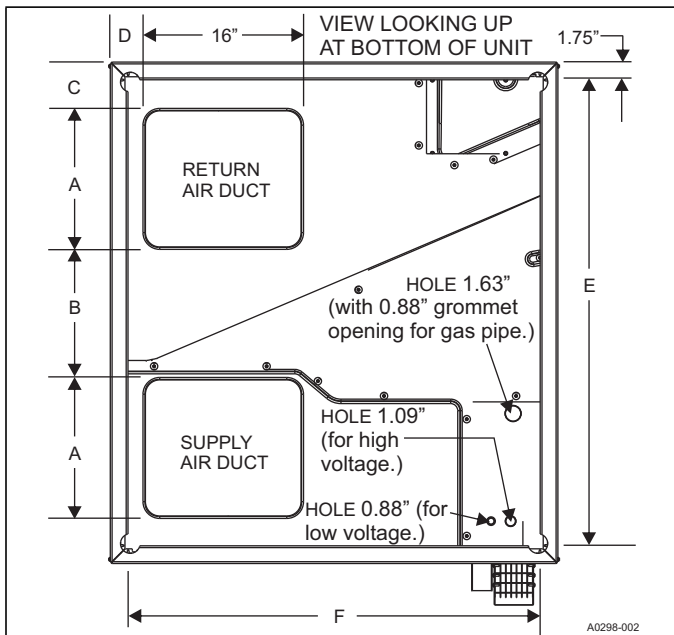




UNIT DIMENSIONS AND ACCESS LOCATIONS

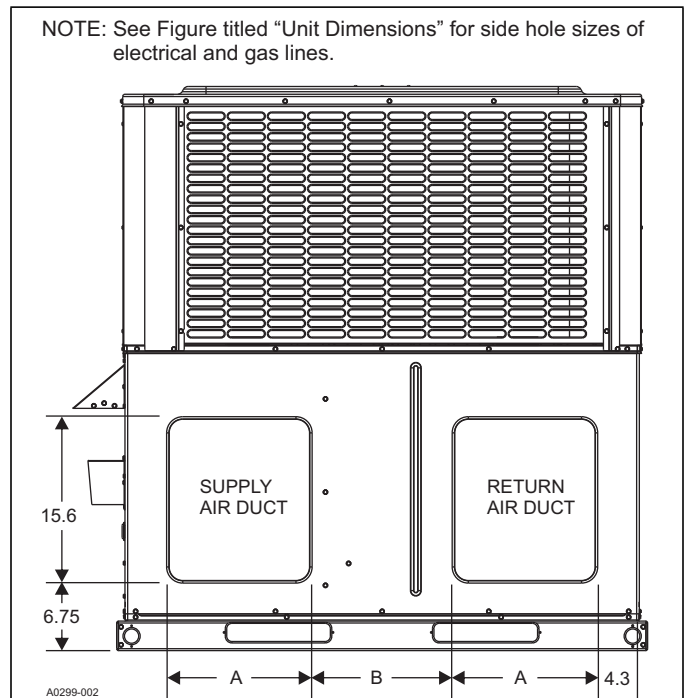
Model	Dimensions (in.)		
	A	B	C
PCG6A24	51 1/4	35 3/4	45
PCG6A36	51 1/4	35 3/4	47
PCG6B48	51 1/4	45 3/4	47
PCG6B60	51 1/4	45 3/4	50

BOTTOM DUCT DIMENSIONS (in.)



Model	A	B	C	D	E	F
24, 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	B
24, 36	9.6	22
48, 60	13.6	14