

SUBMITTAL DATA SHEET



INDUCED DRAFT MID EFFICIENCY DOWNFLOW/HORIZONTAL VARIABLE SPEED GAS FURNACES MODELS: PV8*DH

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

PRODUCT DATA

Heating Performance

Input Capacity _____ MBH
 Output Capacity _____ MBH
 Air Temp. Rise _____ °F

Supply Air Blower Performance

Total Supply Air _____ CFM
 Total External Static Pressure _____ IWG
 Blower Speed (circle) _____ HI MH ML L
 Motor Rating _____ HP

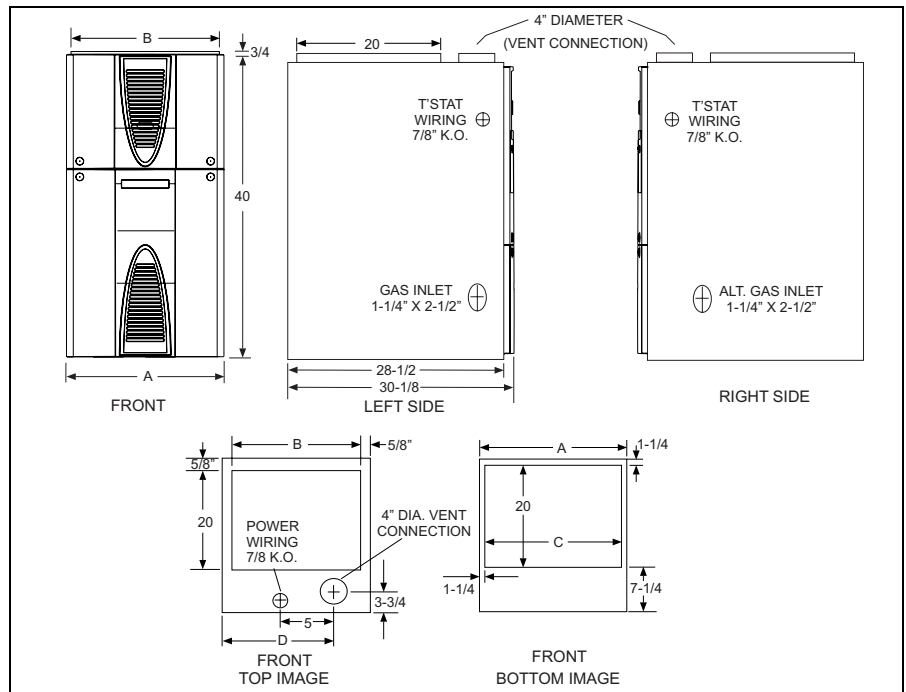
Electrical Data

Power Supply _____ / /
 Total Unit Ampacity _____ AMPS
 Minimum Wire Size _____ AWG
 Maximum Overcurrent Device
 Fuses Circuit Breaker _____ AMPS

Unit Weight

Total Unit Weight _____ LBS

DIMENSIONS - INCHES



MODEL	CFM	Cabinet Size	CABINET DIMENSION			
			A(in.)	B(in.)	C(in.)	D(in.)
PV8A12(N,L)060DH11	1200	A	14 1/2	13 1/4	12	10 1/8
PV8B16(N,L)080DH11	1600	B	17 1/2	16 1/4	15	11 5/8
PV8C16(N,L)080DH11	1600	C	21	19 3/4	18-1/2	13 3/8
PV8C16(N,L)100DH11	1600	C	21	19 3/4	18-1/2	13 3/8
PV8C20(N,L)100DH11	2000	C	21	19 3/4	18-1/2	13 3/8
PV8C20(N,L)120DH11	2000	C	21	19 3/4	18-1/2	13 3/8



ISO 9001
 Certified Quality
 Management System



FEATURES

- Decated downflow/horizontal models may be easily applied without any conversion.
- Compact, easy to install, ideal height 40" cabinet.
- Blower-off delay for cooling SEER improvement.
- Easy to connect power/control wiring.
- Built-in, high level self diagnostics with fault code display.
- Low unit amp requirement for easy replacement application.
- Integrated control module for reliable, economical operation.
- Sealed blower compartment for quiet operation.
- Electronic Hot Surface Ignition saves fuel cost with increased dependability and reliability.
- 100% shut off main gas valve for extra safety.
- ClimaTrak Variable speed airflow profiles with ECM control allows dealer to customize comfort settings based on regional location.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel heat exchanger.
- Timed on, adjustable off blower capability for maximum comfort.
- All models are propane convertible.
- Low NOx models have been designed to meet specific code requirements.

FIELD INSTALLED ACCESSORIES

PROPANE (LP) CONVERSION KIT -

1NP0347 - All Models

These accessory conversion kits may be used to convert natural gas units for propane (LP) operation. Conversions must be made by qualified distributor or dealer personnel.

COMBUSTIBLE FLOOR BASE -

1CB0314 - for 14-1/2" cabinet models

1CB0317 - for 17-1/2" cabinet models

1CB0321 - for 21" cabinet models

SIDE RETURN FILTER -

1SR0302 - All Models

1SR0200 - All Models

BOTTOM RETURN FILTER -

1BR0114 or 1BR0214 - 14-1/2" cabinets

1BR0117 or 1BR0217 - 17-1/2" cabinets

1BR0121 or 1BR0221 - 21" cabinets

INTERNAL FILTER WITH FIBER FILTER -

1HF0801 - All Models

HIGH ALTITUDE PRESSURE SWITCHES -

For installation where the altitude is less than 8,000 feet it is not required that the pressure switch be changed. For altitudes above 8,000 feet see kits below. Conversion must be made by qualified distributor or dealer personnel.

1PS0313 - 057, 080, 100 MBH

1PS0314 - 120 MBH

UNIT CLEARANCES TO COMBUSTIBLES

Application	Top	Front	Rear	Left Side	Right Side	Flue	Floor/Bottom	Closet	Alcove	Attic	Line Contact
	In.	In.	In.	In.	In.	In.					
Downflow	1	6	0	0	3	6	1 ¹	Yes	Yes	Yes	No
Downflow B-Vent	1	3	0	0	0	1	1 ¹	Yes	Yes	Yes	No
Horizontal	1	6	0	0	3	6	Combustible	No	Yes	Yes	Yes ²
Horizontal B-Vent	1	3	0	0	0	1	Combustible	No	Yes	Yes	Yes ²

1. Special floor base or air conditioning coil required for use on combustibile floor.

2. Line contact only permitted between lines formed by the intersection of the rear panel and side panel (top in horizontal position) of the furnace jacket and building joists, studs or framing.

NOTES:
