

SUBMITTAL DATA SHEET

CONDENSING HIGH EFFICIENCY UPFLOW GAS FURNACES MODELS: GM9S-UP

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

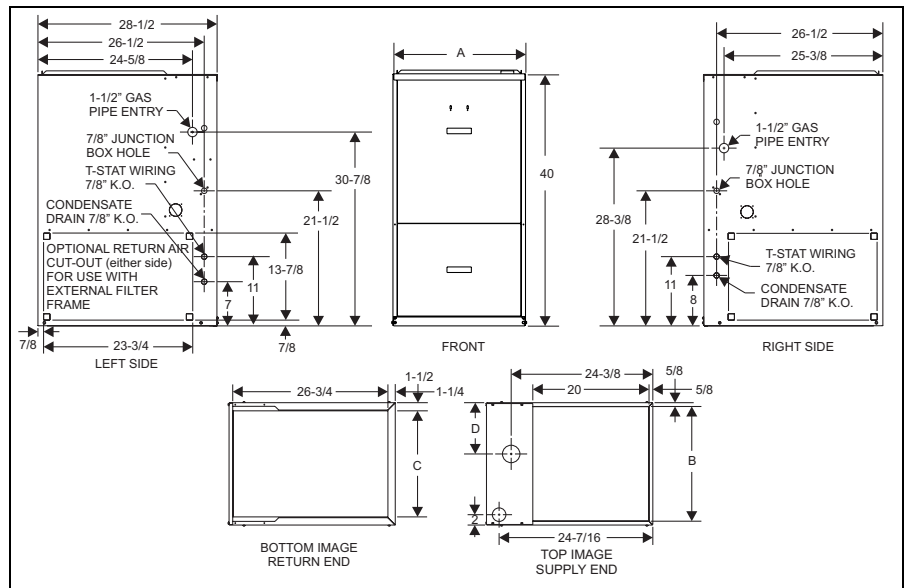
Electrical Data

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



CLEARANCES

Top	1
Front	3
Vent Pipe	0
Rear	0
L & R Sides	0
Bottom	May be applied directly on a combustible floor

Models	Nominal CFM	Cabinet Size	Cabinet Dimension			
			A (in.)	B (in.)	C (in.)	D (in.)
GM9S040A12UP11	1200	A	14-1/2	13-1/4	11-1/2	6-1/4
GM9S060B12UP11	1200	B	17-1/2	16-1/4	14-1/2	8-1/2
GM9S080B12UP11	1200	B	17-1/2	16-1/4	14-1/2	8-1/2
GM9S080C16UP11	1600	C	21	19-3/4	18	8-7/8
GM9S080C20UP11	2000	C	21	19-3/4	18	8-7/8
GM9S100C16UP11	1600	C	21	19-3/4	18	8-7/8
GM9S100C20UP11	2000	C	21	19-3/4	18	8-7/8
GM9S120D20UP11	2000	D	24-1/2	23-1/4	21-1/2	10-5/8
GM9S135D20UP11	2000	D	24-1/2	23-1/4	21-1/2	10-5/8



ISO 9001
 Certified Quality
 Management System

FEATURES

- Compact, easy to install, ideal height 40" cabinet.
- May be installed as either two-pipe (sealed combustion) or single-pipe vent (using indoor combustion air)
- Full height blower compartment allows side return application without the use of a return air box.
- 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.
- Top intake & vent connection allows installation in narrow locations.
- Electronic Hot Surface Ignition saves fuel cost with increased dependability and reliability.
- Induced combustion system with inshot main burners for quiet, efficient operation.
- No special vent termination kit required.
- 100% shut off main gas valve for extra safety.
- PSC - four speed, direct drive motor with large, quiet blower.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel primary heat exchanger.
- Secondary (condensing) heat exchanger of 29-4C high-grade stainless steel.
- Timed on, adjustable off blower capability for maximum comfort.
- Blower door safety switch.
- Solid removable bottom panel allows easy application.

FIELD INSTALLED ACCESSORIES

PROPANE (LP) CONVERSION KIT -

1NP0347 - All Models

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

CONCENTRIC VENT TERMINATION -

1CT0302 (2")

1CT0303 (3")

For use through rooftop, sidewall. Allows combustion air to enter and exhaust to exit through single common hole. Eliminates unsightly elbows for a cleaner installation.

SIDEWALL VENT TERMINATION KIT -

1HT0901 (3")

1HT0902 (2")

For use on sidewall, two-pipe installations only. Provide a more attractive termination for locations where the terminal is visible on the side of the home.

CONDENSATE NEUTRALIZER KIT - 1NK0301

Neutralizer cartridge has a 1/2" plastic tube fittings for installation in the drain line. Calcium carbonate refill media is also available from the Source 1 Parts (p/n 026-30228-000).

EXTERNAL SIDE RETURN FILTER RACK -

1SF0101 - Fits all cabinet sizes

Attaches to side of furnace cabinet in side return applications. Holds any 16x25x1 permanent or disposable filter.

SIDE RETURN FILTER -

1SR0302 - All Models

1SR0200 - All Models

BOTTOM RETURN FILTER -

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

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

1BR0121 or 1BR0221 - For 21" cabinets

1BR0124 or 1BR0224 - For 24-1/2" cabinets

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.

1PS0307 - 080, 100 MBH

1PS0309 - 060, 120 MBH

1PS0322 - 040, 135 MBH