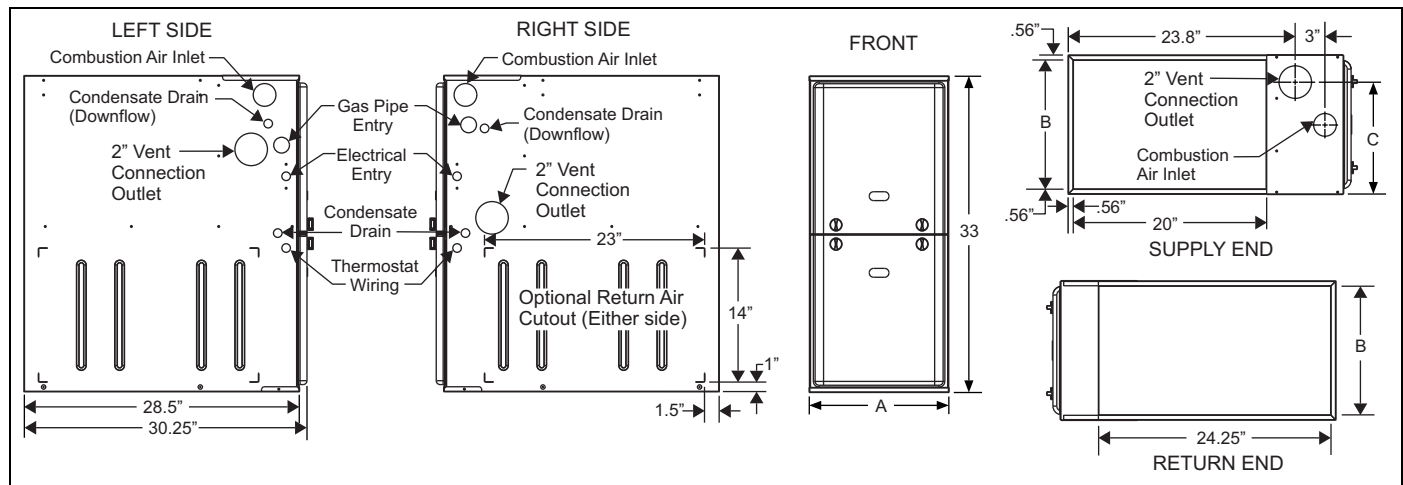


SUBMITTAL DATA SHEET

97% MODULATING GAS-FIRED RESIDENTIAL MULTI-POSITION GAS FURNACES (PSC MOTOR) MODELS: TM9M

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

DIMENSIONS - INCHES



BTUH (kW) Input	Nominal CFM	Cabinet Size	Cabinet Dimensions (Inches)			Approximate Operating Weights Lbs
			A	B	C	
TM9M060B12MP12	1200	B	17 1/2	16 3/8	13 1/4	122
TM9M080B12MP12	1200	B	17 1/2	16 3/8	16 1/4	126
TM9M080C16MP12	1600	C	21	19 7/8	19 3/4	136
TM9M100C16MP12	1600	C	21	19 7/8	19 3/4	142
TM9M100C20MP12	2000	C	21	19 7/8	19 3/4	145
TM9M120D20MP12	2000	D	24 1/2	23 3/8	22 3/4	156

Due to continuous product improvements, specifications are subject to change without notice. Installation and conversions of these furnaces must be made by qualified distributor, dealer, or contractor personnel.

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) ____ H 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



FEATURES

- Modulating heating operation includes:
 - Modulating gas valve, inducer and circulating blower
 - Modulating operation from 100% to 35% input in 100% increments with nearly constant temperature rise.
- Easily applied in upflow, horizontal left or right, or downflow installation with minimal conversion necessary.
- Compact, easy to install, ideal height 33" tall cabinet.
- Blower-off delay for cooling SEER improvement.
- Easy access to controls to connect power/control wiring.
- Built-in, high level self diagnostics with fault code display.
- Low unit amp requirement for easy replacement application.
- All models are convertible to use propane (LP) gas.
- Electronic Hot Surface Ignition saves fuel cost with increased dependability and reliability.
- 100% shut off main gas valve for extra safety.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel primary heat exchanger with stainless steel tube/aluminum fin secondary heat exchanger for outstanding efficiency.
- Solid removable bottom panel allows easy conversion.
- Airflow leakage less than 1% of nominal airflow for ductblaster conditions.
- No knockouts to deal with, making installation easier.
- Movable duct connector flanges for application flexibility.
- Quiet inducer operation, burner, and blower operation.
- Inducer rotates for easy conversion of venting options.
- Fully supported blower assembly for easy access and removal of blower.
- External air filters used for maximum flexibility in meeting customers IAQ needs.
- Insulated blower compartment for thermal and acoustic performance.
- 1/4 turn knobs provided for easy independent door removal.
- Internal condensate trap design (patent pending) provides condensate management options, and is self priming to prevent nuisance problems.
- 4 Speed, direct drive, PSC motor.

FIELD INSTALLED ACCESSORIES

Propane (LP) Conversion Kit - This accessory conversion kit may be used to convert natural gas (N) units for propane (LP) operation.

1NP0681 - All Models

Concentric Vent Termination - For use through rooftop, side-wall. Allows combustion air to enter and exhaust to exit through single common hole. Eliminates unsightly elbows for a cleaner installation.

S1-1CT0302 (2")

S1-1CT0303 (3")

Sidewall Vent Termination Kit - 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.

S1-1HT0901 (3")

S1-1HT0902 (2")

Condensate Neutralizer Kit - 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).

1NK0301

Side Return Filter Racks -

1SR0200 - All Models

1SR0402 - All Models

Bottom Return Filter Racks - 1BR05xx series are galvanized steel filter racks. 1BR06xx are pre-painted steel filter racks to match the appearance of the furnace cabinet.

1BR0517 or 1BR0617 - For 17-1/2" cabinets

1BR0521 or 1BR0621 - For 21" cabinets

1BR0524 or 1BR0624 - For 24-1/2" cabinets

Combustible Floor Base Kit - For installation of these furnaces in downflow applications directly onto combustible flooring material. These kits are required to prevent potential overheating situations. These kits are also required in any applications where the furnace is installed in a downflow configuration without an evaporator coil, where the combustible floor base kit provides access for combustible airflow.

1CB0517 - For 17-1/2" cabinets

1CB0521 - For 21" cabinets

1CB0524 - For 24-1/2" cabinets

High Altitude - No high altitude kits are required.