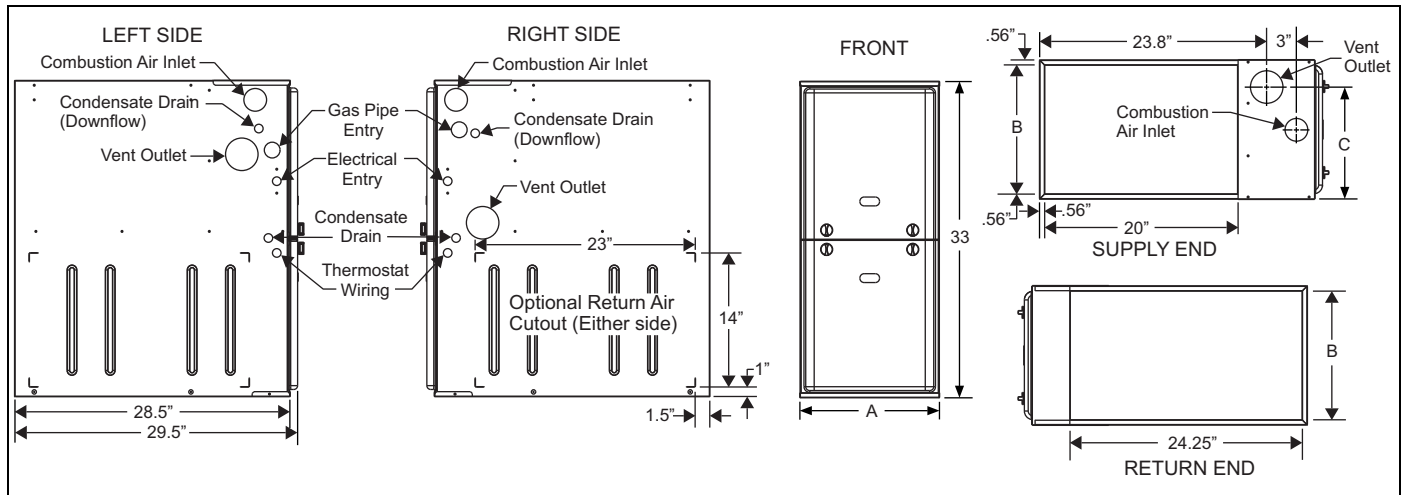


# SUBMITTAL DATA SHEET

## 95.5% SINGLE STAGE GAS-FIRED RESIDENTIAL MULTI-POSITION GAS FURNACES MODELS: TM9X

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
			A	B	C	Lbs
TM9X060B12MP11	1200	B	17 1/2	16 3/8	13 1/4	122
TM9X080B12MP11	1200	B	17 1/2	16 3/8	14 3/4	126
TM9X080C16MP11	1600	C	21	19 7/8	16 1/2	136
TM9X100C16MP11	1600	C	21	19 7/8	18 1/4	142
TM9X100C20MP11	2000	C	21	19 7/8	18 1/4	145
TM9X120D20MP11	2000	D	24 1/2	23 3/8	21 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) \_\_\_\_ 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



ISO 9001  
 Certified Quality  
 Management System

## **FEATURES**

- 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 displays standard on integrated control module for reliable operation.
- 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.
- 5 speed, direct drive X13 style high efficiency DC motor.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel primary heat exchanger.
- Secondary heat exchanger made of corrosion resistant stainless steel materials.
- Timed on, adjustable off blower capability for maximum comfort.
- Blower door safety switch.
- Solid removable bottom panel allows easy conversion.
- Airflow leakage less than 1% of nominal airflow at ductblaster conditions.
- No knockouts to deal with, making installation easier.
- Movable duct connector flanges for application flexibility.
- Quiet inducer 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.
- Protection included from air intake, exhaust vent, or condensate blockage.
- Patent pending self priming internal condensate trap design for easy installation.
- Venting applications - may be installed as either 2-pipe (sealed combustion) or single-pipe vent (using indoor combustion air).
- No special vent termination required.
- 1/4 turn knobs provided for easy door removal.
- High-efficiency blower motor for lower electrical power usage and improved A/C SEER ratings.
- Insulated blower compartment for terminal and acoustic performance.

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## **FIELD INSTALLED ACCESSORIES**

### **PROPANE (LP) CONVERSION KIT -**

S1-1NP0347 - All Models

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

### **CONCENTRIC VENT TERMINATION -**

S1-1CT0302 (2") & S1-1CT0302-636 (2")

S1-1CT0303 (3") & S1-1CT0303-636 (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 -**

S1-1HT0901 (3")

S1-1HT0902 (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).

### **SIDE RETURN FILTER RACKS -**

S1-1SR0200 - All Models

S1-1SR0402 - All Models

### **BOTTOM RETURN FILTER RACKS -**

S1-1BR0517 or 1BR0617 - For 17-1/2" cabinets

S1-1BR0521 or 1BR0621 - For 21" cabinets

S1-1BR0524 or 1BR0624 - For 24-1/2" cabinets

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

### **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.

S1-1CB0517 - For 17-1/2" cabinets

S1-1CB0521 - For 21" cabinets

S1-1CB0524 - For 24-1/2" cabinets

### **EAC TRANSITION KITS -**

For installation of EAC accessories with these furnaces to provide easy transition of return airflow through the EAC to get the proper sealing and reduced airflow leakage.

S1-1TK1001 - For all models using side return

S1-1TK1017 - For 17-1/2" cabinets using bottom return

S1-1TK1021 - For 21" cabinets using bottom return

S1-1TK1024 - For 24-1/2" cabinets using bottom return

### **HIGH ALTITUDE PRESSURE SWITCHES -**

For installation where the altitude is less than 5,000 feet it is not required that the pressure switch be changed. For altitudes above 5,000 feet, see kits below.

S1-1PS3306 - 080

S1-1PS3307 - 060

S1-1PS3302 - 100, 120