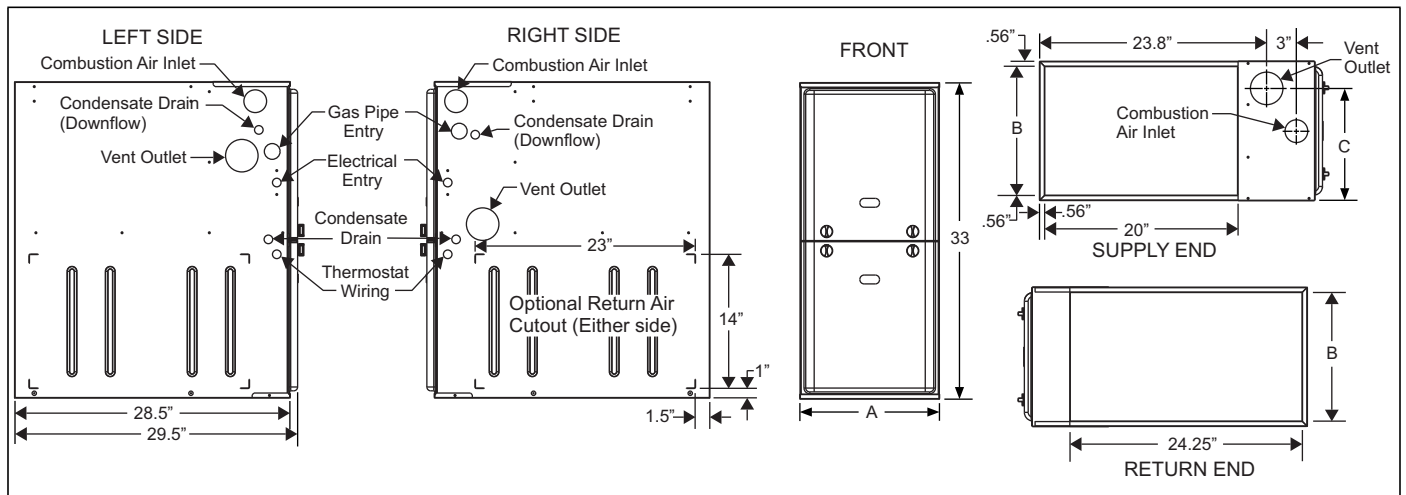


# SUBMITTAL DATA SHEET

## 95.0% + SINGLE STAGE GAS-FIRED RESIDENTIAL MULTI-POSITION GAS FURNACES MODELS: TM9E

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

### DIMENSIONS - INCHES



Models	Nominal CFM (m <sup>3</sup> /min)	Cabinet Size	Cabinet Dimensions (Inches)			Approximate Operating Weights
			A	B	C	Lbs
TM9E040A10MP12	1000	A	14-1/2	13-3/8	11-3/4	113
TM9E060A10MP12	1200	A	14-1/2	13-3/8	11-3/4	118
TM9E060B12MP12	1200	B	17-1/2	16-3/8	13-1/4	122
TM9E080B12MP12	1200	B	17-1/2	16-3/8	14-3/4	126
TM9E080C16MP12	1600	C	21	19-7/8	16-1/2	136
TM9E080C20MP12	2000	C	21	19-7/8	18-1/4	139
TM9E100C16MP12	1600	C	21	19-7/8	18-1/4	142
TM9E100C20MP12	2000	C	21	19-7/8	18-1/4	145
TM9E120D20MP12	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) \_\_\_ 1 2 3 4 5  
 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

- 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 Standard ECM style high efficiency 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.
- Patented 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.
- Selkirk Polyflue, DuraVent Polypro, and Centrotherm Inno-flue polypropylene venting systems are approved for venting.

## FIELD INSTALLED ACCESSORIES

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

S1-1NP0347 - All Models

S1-1NP0820 - Same as S1-1NP0347 except includes stainless steel LP burners

**LP Stainless Steel Burner Kit** - This accessory conversion kit may be used to convert existing burners to stainless steel burners for LP use only.

S1-32926889000 - All LP Models

**Twining Kit Accessory** - For installation with two identical model furnaces with a common duct system and properly sized heating and cooling equipment.

S1-33103764000

**Natural (NAT) Gas Stainless Steel Burner Kit** - This accessory kit may be used to replace existing burners with stainless steel burners for NAT gas use only.

S1-32924441000 - All NAT gas Models

**Concentric Vent Termination** - 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.

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

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

**Sidewall Vent Termination Kit** - For use on sidewall, two-pipe installations only. Provides 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).

S1-1NK0301

**Side Return Filter Racks** - The S1-1SR0200 Kit accommodates a 1", 2", or 4" filter. The S1-1SR0402 Kit accommodates a 1" filter only.

S1-1SR0200 - All Models

S1-1SR0402 - All Models

**Bottom Return Filter Racks** - The S1-1BR05\* series are galvanized steel filter racks. The S1-1BR06\* series are pre-painted steel filter racks to match the appearance of the furnace cabinet. The S1-1BR05\* and S1-1BR06\* series filter racks accommodate a 1", 2", or 4" filter.

S1-1BR0514 or S1-1BR0614 - For 14-1/2" cabinets

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

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

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

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

S1-1CB0514 - For 14-1/2" cabinets

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

S1-1CB0521 - For 21" cabinets

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

**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 - 060

S1-1PS3307 - 040, 080

S1-1PS3302 - 100, 120

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