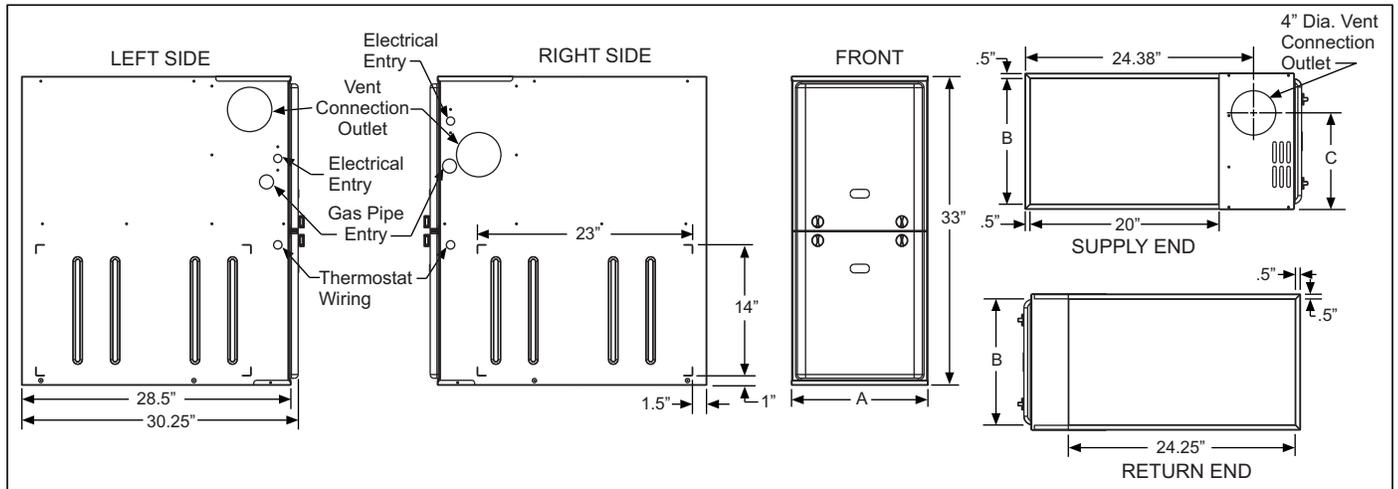


# SUBMITTAL DATA SHEET

## CONDENSING MULTI-POSITION SINGLE-STAGE GAS FURNACES MODELS: TM8E/TMLE

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
TM(8,L)E040A12MP11	1200	A	14 1/2	13 3/8	10.3	89
TM(8,L)E060A12MP11	1200	A	14 1/2	13 3/8	10.3	94
TM(8,L)E080B12MP11	1200	B	17 1/2	16 3/8	11.8	103
TM(8,L)E080C16MP11	1600	C	21	19 7/8	13.6	116
TM(8,L)E080C20MP11	2000	C	21	19 7/8	13.6	121
TM(8,L)E100B12MP11	1200	B	17 1/2	16 3/8	11.8	108
TM(8,L)E100C16MP11	1600	C	21	19 7/8	13.6	120
TM(8,L)E100C20MP11	2000	C	21	19 7/8	13.6	124
TM(8,L)E120C16MP11	1600	C	21	19 7/8	13.6	125
TM(8,L)E120C20MP11	2000	C	21	19 7/8	15.8	131
TM(8,L)E130D20MP11	2000	D	24 1/2	23 3/8	17.5	137

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



## 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 standard ECM direct drive indoor blower motor.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel primary heat exchanger.
- Timed on, adjustable off blower capability for maximum comfort.
- Blower door safety switch.
- Solid removable bottom panel allows easy conversion.
- Low NOx models have been designed to meet specific code requirements.
- Airflow leakage less than 1% of total 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.
- Venting applications - may be installed as a common vent with other gas-fired appliances or use a masonry chimney.
- 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 thermal and acoustic performance.

## FIELD INSTALLED ACCESSORIES

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

S1-1NP0347 - All Models except 130,000 BTU input

S1-1NP0501 - 130,000 BTU input only

**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

**Twinning 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

**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

**Masonry Chimney Kit** - This accessory kit allows upflow 80% models to be vented into a tile-lined masonry chimney.

S1-1CK0604 - All 80% Non-modulating 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.

S1-1PS3301 - 040, 060, 080, 120

S1-1PS3302 - 100, 130