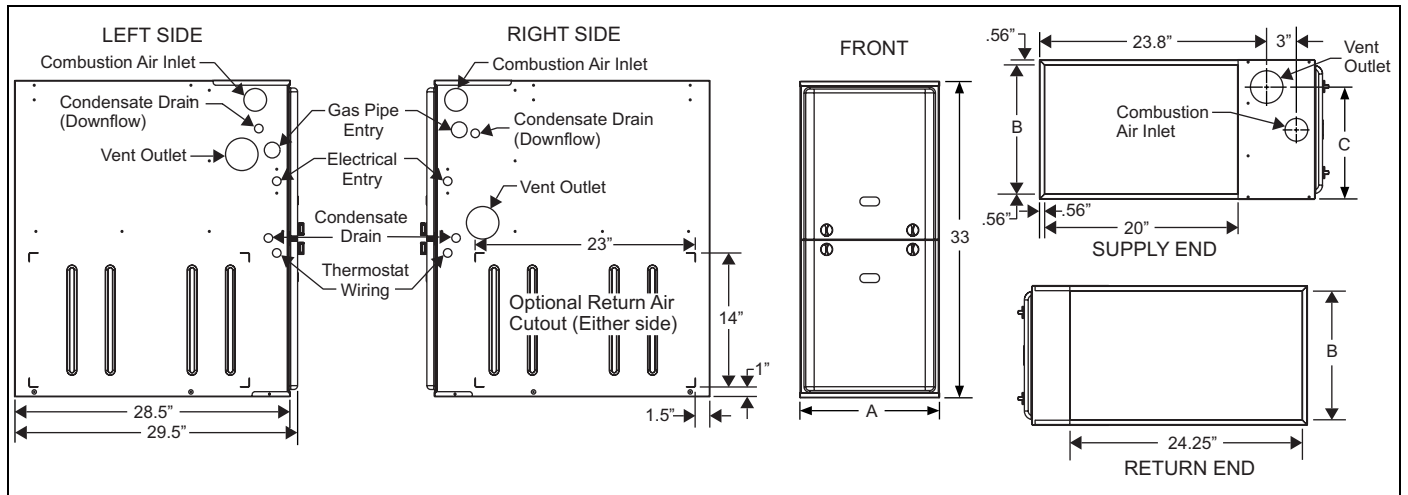


SUBMITTAL DATA SHEET

95.5% SINGLE STAGE GAS-FIRED RESIDENTIAL MULTI-POSITION GAS FURNACES MODELS: TG9S

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
TG9S040A08MP11	800	A	14 1/2	13 3/8	11 3/4	113
TG9S060A10MP11	1000	A	14 1/2	13 3/8	11 3/4	118
TG9S060B12MP11	1200	B	17 1/2	16 3/8	13 1/4	122
TG9S080B12MP11	1200	B	17 1/2	16 3/8	14 3/4	126
TG9S080C16MP11	1600	C	21	19 7/8	16 1/2	136
TG9S080C22MP11	2200	C	21	19 7/8	16 1/2	139
TG9S100C16MP11	1600	C	21	19 7/8	18 1/4	142
TG9S100C20MP11	2000	C	21	19 7/8	18 1/4	145
TG9S120D16MP11	1600	D	24 1/2	23 3/8	21 3/4	153
TG9S120D20MP11	2000	D	24 1/2	23 3/8	21 3/4	156
TG9S130D20MP11	2000	D	24 1/2	23 3/8	No Hole	160

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.



ISO 9001
Certified Quality
Management System

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.
- Single wire twinning or staging feature available.
- 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.
- 4 speed, direct drive PSC 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.

FIELD INSTALLED ACCESSORIES

PROPANE (LP) CONVERSION KIT -

S1-1NP0347 - All Models except 130K Model
S1-1NP0501 - 130K Model

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

CONCENTRIC VENT TERMINATION -

S1-1CT0302 (2")
S1-1CT0303 (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 -

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
S1-1SF0101 - All Models (Upflow Only)

BOTTOM RETURN FILTER RACKS -

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

S1-1CB0514 - For 14-1/2" cabinets
S1-1CB0517 - For 17-1/2" cabinets
S1-1CB0521 - For 21" cabinets
S1-1CB0524 - For 24-1/2" cabinets

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
S1-1TK1014 - For 14-1/2" cabinets using bottom 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 - 040, 080
S1-1PS3307 - 060
S1-1PS3302 - 100, 120, 130