

NOTES:

1. Refer to the information about condensate management and drain hose plumbing for different configurations provided in this document. No hose clamps are needed for the condensate pan hook up.

2. Install drip leg in the gas line.

3. The furnace controls require correct polarity on the power supply and a proper ground.

4. Connect Y and G to the control board for cooling operation.

5. Measure the supply air static pressure after the furnace before the indoor coil. Record this positive number. Measure the return air static pressure after the filter. Record this negative number. Treat the negative number as a positive number, and add it to the recorded supply static pressure reading. The sum is the total system external static pressure.
6. The inlet gas pressure must be 7 in. W.C. for natural gas and 11 in. W.C. for propane. The nominal manifold gas pressure is 3.5 in. W.C. for natural gas and 10 in. W.C. for propane at maximum input.

7. If a third-party indoor coil containing a thermoplastic drain pan is used in the upflow or horizontal position, an extra 2 in. minimum spacing may be needed to ensure against drain pan distortion.

8. Use external filters for all configurations.

9. Electrical entry is available on both sides of the casing.

10. All 33 in., 95% furnaces are approved for single-pipe and two-pipe systems. For single pipe systems, it is best practice to install the combustion air coupling provided and install approximately 18 in. of PVC pipe on the furnace.

11. Do not install an external condensate trap on these furnaces because it prevents the furnaces from operating correctly.

Model	Airflow CFM (Bottom Return Without Filters)					Total Unit (A)	Recommended Fuse or Circuit Breaker (A)
	0.5 in. ESP (Nominal)						
	Low	Medium Low	Medium	Medium High	High		
TM9E040A10MP12	541	610	771	839	1035	10.4	15
TM9E060A10MP12	604	776	839	1019	1124	10.4	15
TM9E060B12MP12	649	894	1051	1189	1243	10.4	15
TM9E080B12MP12	651	859	992	1182	1304	10.4	15
TM9E080C16MP12	568	803	1041	1235	1602	11.6	15
TM9E080C20MP12	1173	1392	1516	1771	2001	14.5	20
TM9E100C16MP12	660	889	1034	1245	1625	11.6	15
TM9E100C20MP12	1138	1394	1498	1720	2006	14.5	20
TM9E120D20MP12	1190	1468	1629	1779	2005	14.5	20

**Note:** Not all blower speeds are suitable for heating operation. Consult the installation instructions for proper heating speed selection.

Model	Maximum Vent Equivalent <sup>1</sup>			Temperature Rise Range (°F)	Time For 1 ft <sup>3</sup> Natural Gas (1030 Btu/ft <sup>3</sup> ) Seconds On (Rate)	Gas Pipe Connection, NPT (in.)
	2 in.	3 in.	4 in.			
TM9E040A10MP12	65 ft	90 ft	150 ft	30–60	92	1/2
TM9E060A10MP12	65 ft	90 ft	150 ft	35–65	62	1/2
TM9E060B12MP12	65 ft	90 ft	150 ft	30–60	62	1/2
TM9E080B12MP12	65 ft	90 ft	150 ft	40–70	46	1/2
TM9E080C16MP12	65 ft	90 ft	150 ft	40–70	46	1/2
TM9E080C20MP12	65 ft	90 ft	150 ft	30–60	46	1/2
TM9E100C16MP12	30 ft	90 ft	150 ft	40–70	37	1/2
TM9E100C20MP12	30 ft	90 ft	150 ft	35–65	37	1/2
TM9E120D20MP12	30 ft	90 ft	150 ft	45–75	30	1/2

1. For venting purposes, one 90° sweep elbow is equal to 5 ft. of venting length, and one 90° standard elbow is equal to 10 equivalent ft of vent length. Vent termination elbows are not included in these calculations. Minimum required vent length is 15 ft.

LED INDICATOR

Indication	Condition
Slow green flash	Normal operation
Slow amber flash	Normal operation with call for heat
Any red flash	Fault condition
Four amber flashes	Y call without G call

NOTICE

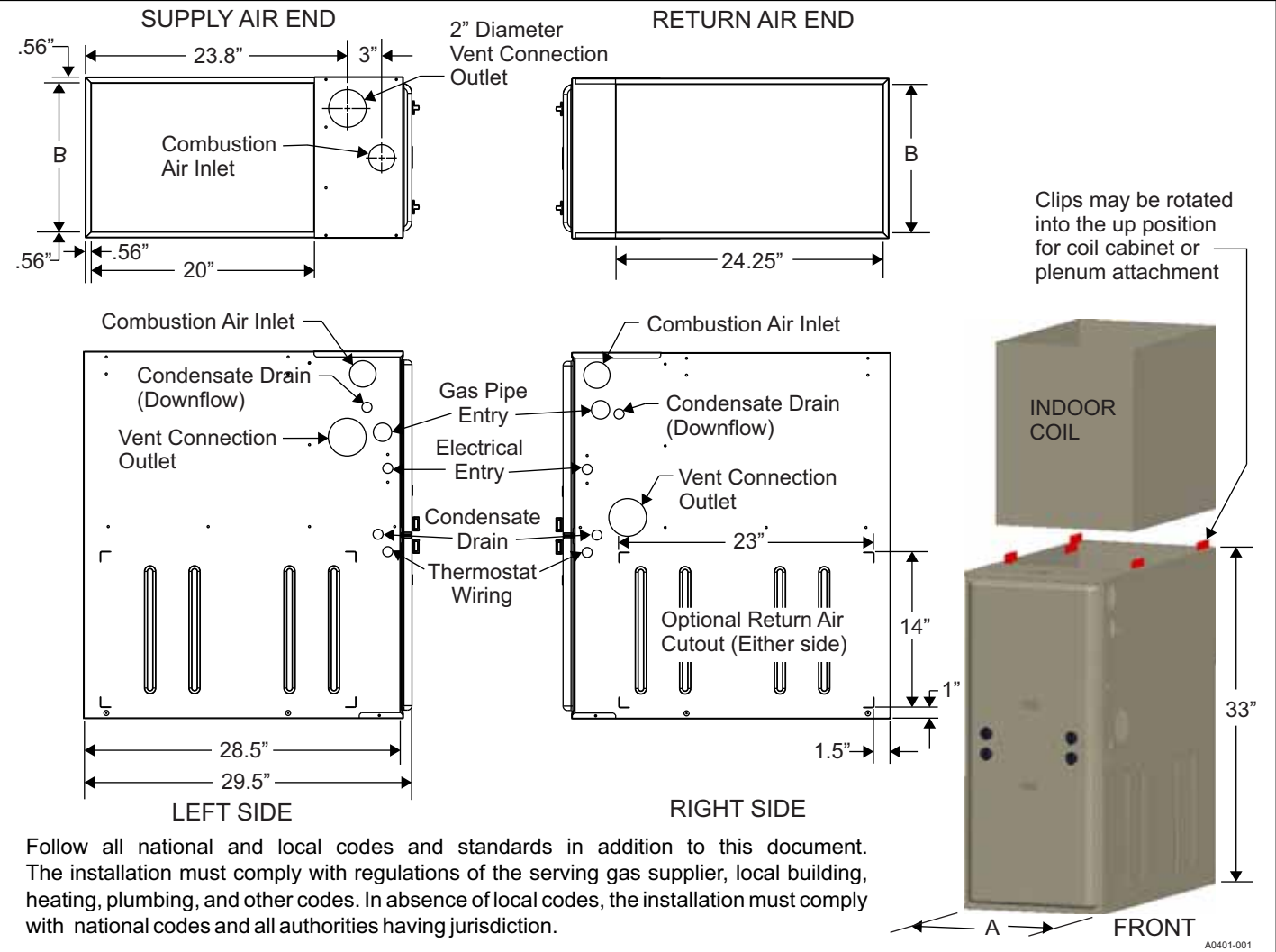
TM9E026 units cannot be converted to use LP gas.

York International Corp.  
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Norman, OK 73069

QUICK REFERENCE GUIDE

95% STANDARD ECM SINGLE STAGE MULTI-POSITION  
RESIDENTIAL GAS FURNACES (33 IN. TALL)

This document does not replace the installation instructions, which must be referred to for detailed information.



Follow all national and local codes and standards in addition to this document. The installation must comply with regulations of the serving gas supplier, local building, heating, plumbing, and other codes. In absence of local codes, the installation must comply with national codes and all authorities having jurisdiction.

DIMENSIONS:	Cabinet Size	A (in.)	B (in.)
	All A cabinet furnaces	14-1/2	13-3/8
	All B cabinet furnaces	17-1/2	16-3/8
	All C cabinet furnaces	21	19-7/8
	All D cabinet furnaces	24-1/2	23-3/8

CLEARANCES

Application	Upflow	Downflow	Horizontal
Top	1 in.	0 in.	0 in.
Vent	0 in.	0 in.	0 in.
Rear	0 in.	0 in.	0 in.
Side	0 in.	0 in.	1 in.
Front <sup>1</sup>	0 in.	0 in.	0 in.
Floor	Combustible	Combustible <sup>2</sup>	Combustible
Closet	Yes	Yes	Yes
Line Contact	No	No	Yes

1. 24 in. clearance in front and 18 in. on side is recommended for service access.  
2. A special sub-base is required for downflow applications on combustible floors.  
**Note:** All furnaces are approved for alcove and attic installation.

MOST COMMON INSTALLATION CONFIGURATIONS (MORE OPTIONS AVAILABLE WITH INDUCER ROTATION, WHICH IS COVERED IN THE INSTALLATION MANUAL)

**MULTI-POSITION CONFIGURATION INFORMATION:**

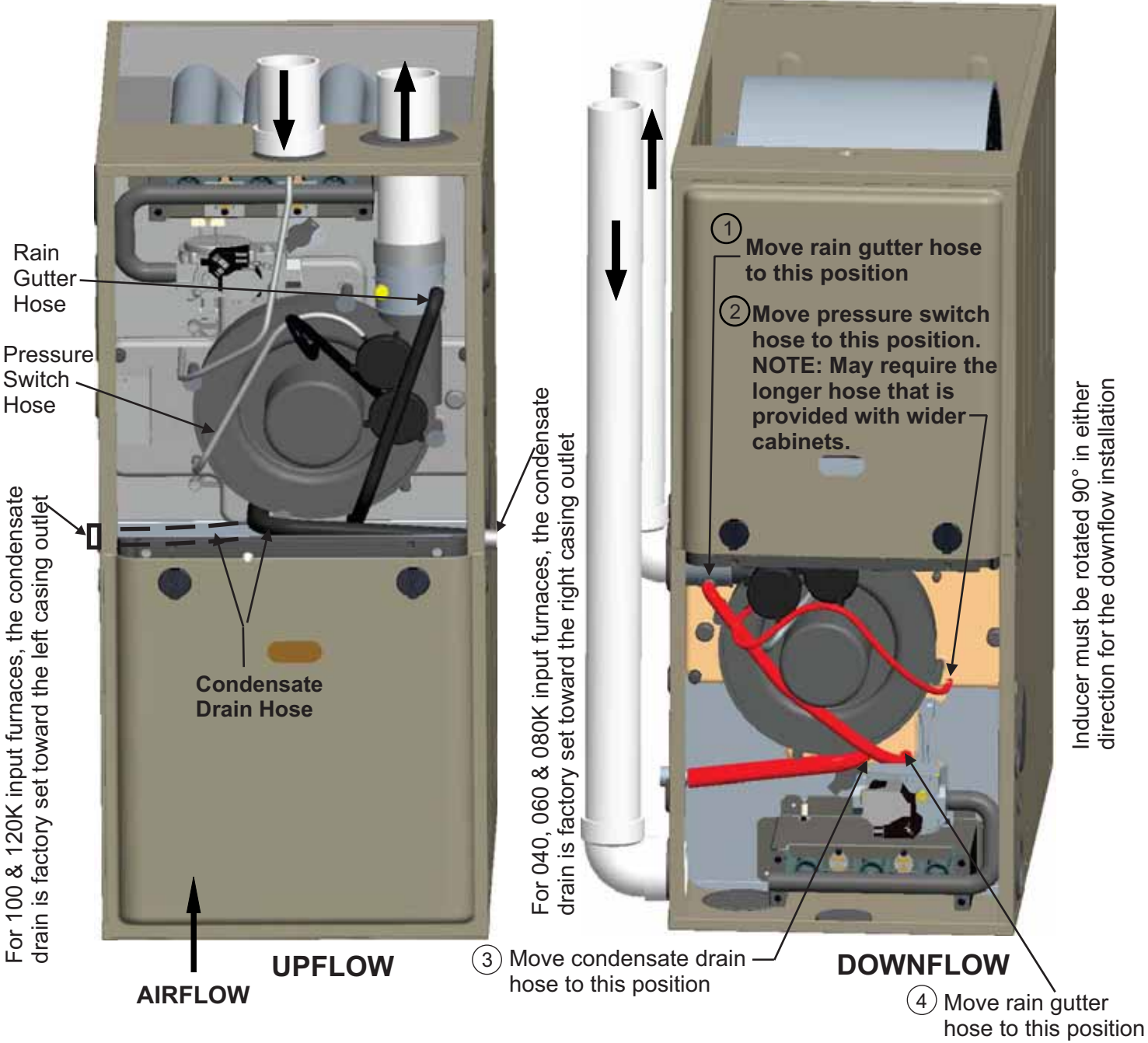
Ensure that all PVC venting has at least 1/4" per foot slope towards the furnace.  
Furnace is multi-position and may be installed in any of the configurations shown.

The furnace condensate pan is self priming and contains an internal trap.

**Do not install an external condensate trap.**

When drain hose routing changes are required (shown in red), be sure to cap all unused openings.

If rerouting hoses - excess length should be cut off so that no sagging loops will collect and hold condensate, which will cause the furnace to not operate.



In upflow and downflow installation - Condensate drain hose may go out either side.

