NOTES:

1. If the furnace is equipped with NOx screens and is to be used with LP (propane) gas, the screens must be removed prior to start-up.
2. Drip leg in the gas line must be installed.
3. The furnace controls require correct polarity on the power supply and a proper ground.
4. Y & G must be connected to the control board for cooling operation.
5. External filters required on all configurations.
6. Electrical or gas entry is available on both casing sides.
7. To measure total static pressure add supply duct pressure to the return duct pressure, add pressure drop across the 'A' coil, and add pressure drop across the filter. Ignore negative signs on the readings.
8. Inlet gas pressure for natural gas should be 7" and for propane should be 11" w.c. Nominal manifold gas pressure is 3.5" for natural gas and 10" w.c. for propane at max. input.
9. For downflow application the vent blower must be rotated 90 left or right as shown.

Models	Airflow CFM (Bottom Return without Filters) 0.5" ESP (Nominal)				Minimum Wire Size awg @ 75' One-Way
	Low	Med-Lo	Med-Hi	High	
TM(8,L)X060A12MP11	610	670	990	1110	14
TM(8,L)X080B12MP11	630	740	990	1210	14
TM(8,L)X080C16MP11	750	990	1400	1580	14
TM(8,L)X100C16MP11	760	1000	1400	1570	14
TM(8,L)X100C20MP11	960	1210	1620	2020	14
TM(8,L)X120C20MP11	940	1180	1590	1930	14

Models	Maximum Over Current Protection	Input Rate BTUH	Total Unit Amps	Air Temperature Rise Range °F	Time For 1 ft^3 Natural Gas (1030 Btu/Ft^3) Seconds On (Rate)
TM(8,L)X060A12MP11	15	60,000	9.3	30-60	62
TM(8,L)X080B12MP11	15	80,000	9.3	35-65	46
TM(8,L)X080C16MP11	15	80,000	9.3	25-55	46
TM(8,L)X100C16MP11	15	100,000	9.3	35-65	37
TM(8,L)X100C20MP11	15	100,000	10.9	25-55	37
TM(8,L)X120C20MP11	15	120,000	10.9	35-65	30

LED INDICATOR

Indication	Condition
Slow Green Flash	Normal operation in standby mode.
Slow Amber Flash	Normal operation with call for heat.
Four Amber Flashes	Control is receiving a "Y" signal from thermostat without a "G" signal.
Any Red Flash	Fault condition.

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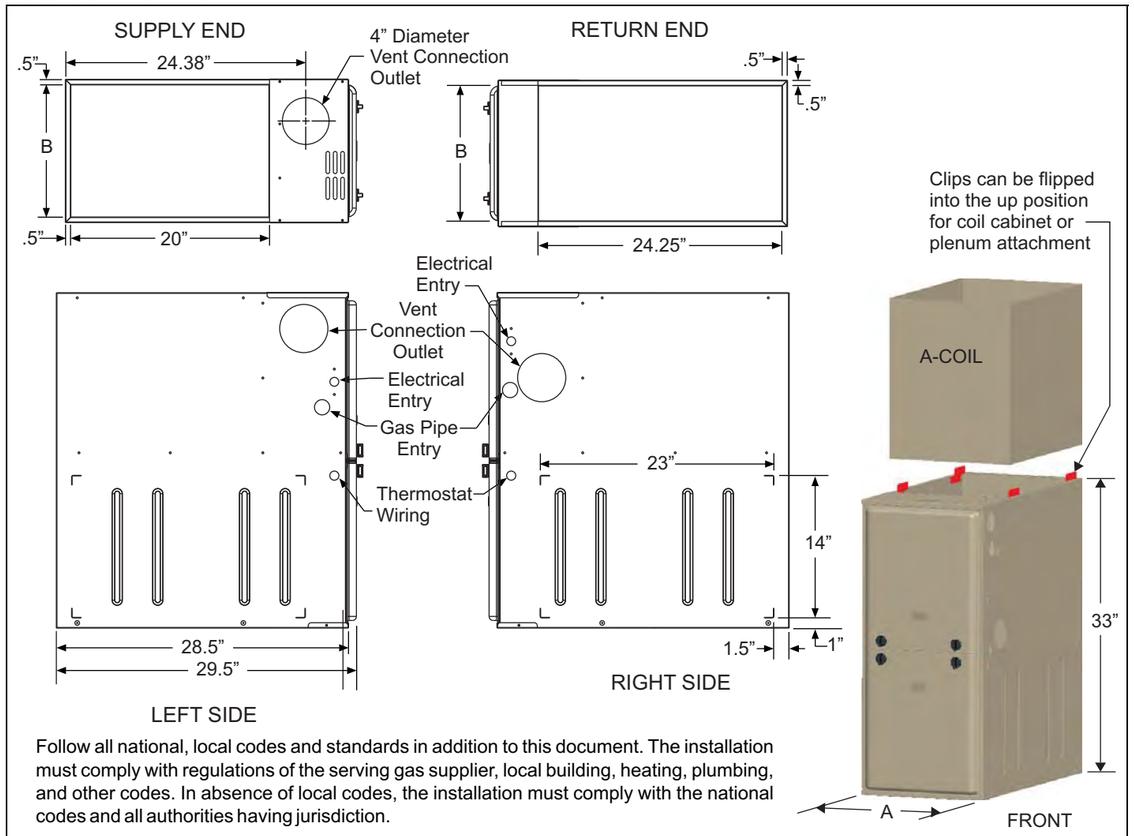
1060926-URG-A-1013
Supersedes: None

York International Corp.
5005 York Drive
Norman, OK 73069

QUICK REFERENCE GUIDE

80% STANDARD ECM SINGLE STAGE MULTI-POSITION / LOW NOx RESIDENTIAL GAS FURNACES (33" TALL)

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



Follow all national, 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 the 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"

CLEARANCES

Application	Top	Front	Rear	Left Side	Right Side	Flue	Floor/ Bottom	Closet	Alcove	Attic	Line Contact
Upflow	1	6	0	0	3	6	Combustible	Yes	Yes	Yes	No
Upflow B-Vent	1	3	0	0	0	1	Combustible	Yes	Yes	Yes	No
Downflow	1	6	0	0	3	6	1[1]	Yes	Yes	Yes	No
Downflow B-Vent	1	3	0	0	0	1	1[1]	Yes	Yes	Yes	No
Horizontal	1	6	0	0	3	6	Combustible	No	Yes	Yes	Yes[2]
Horizontal B-Vent	1	3	0	0	0	1	Combustible	No	Yes	Yes	Yes[2]

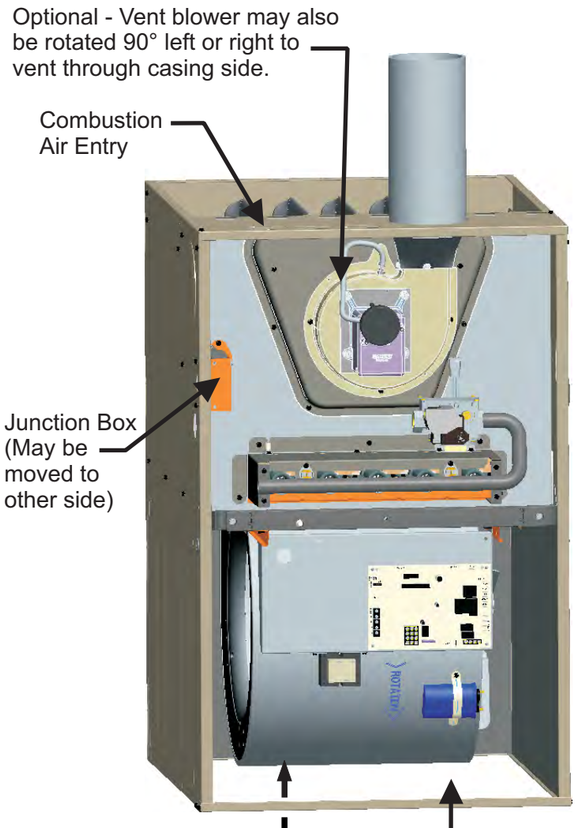
1. Special floor base or air conditioning coil required for use on combustible floor.
2. Line contact only permitted between lines formed by the intersection of the rear panel and side panel (top in horizontal position) of the furnace jacket and building joists, studs or framing.

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

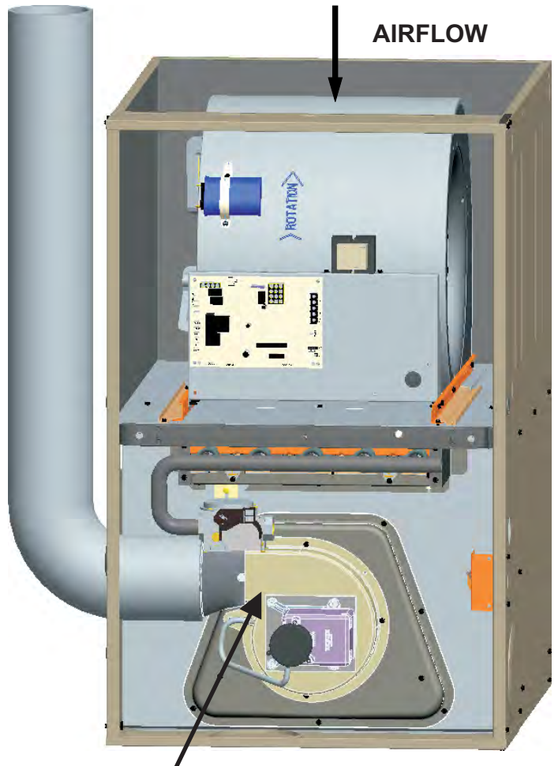
Furnace is multi-position and may be installed in any of the configurations shown.

Inducer blower may be rotated 90° either way to vent through casing side, as shown below.

These are Category I units and the vent system must be installed in accordance with latest edition of the National Fuel Gas Code, Z223.1/NFPA 54, or in Canada, CSA B149.1.

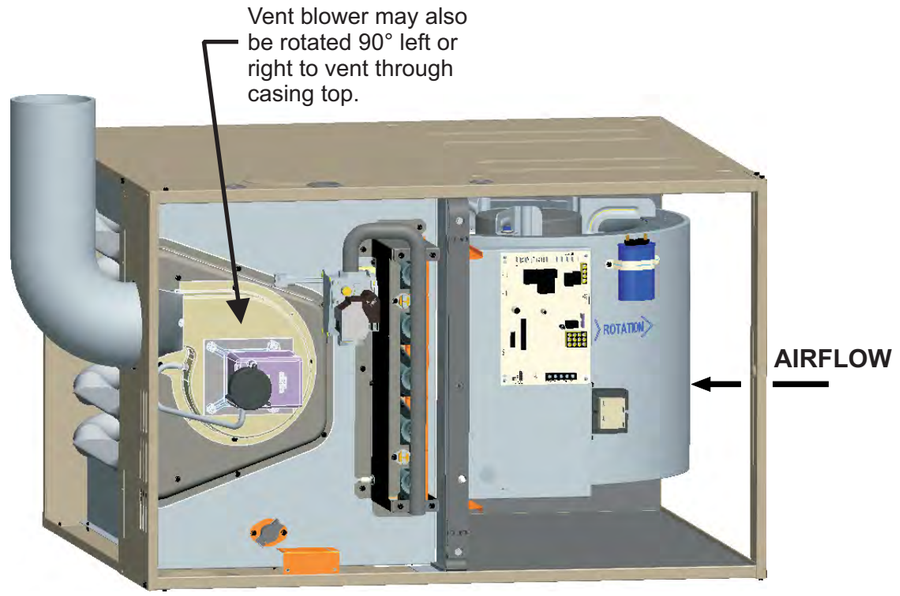


UPFLOW

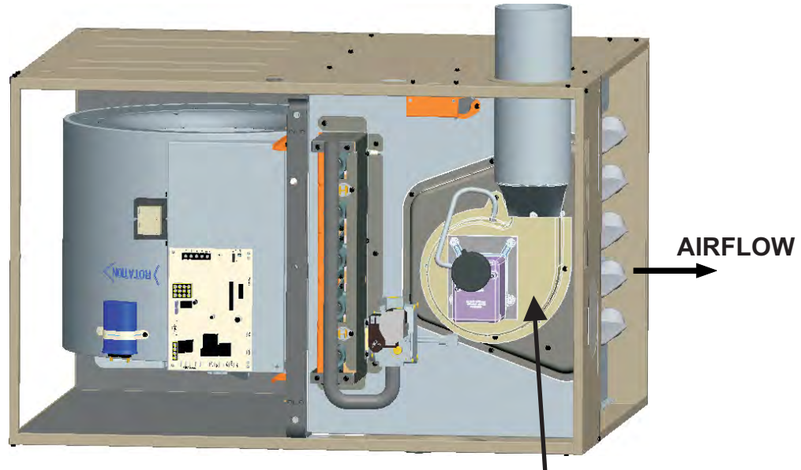


DOWNFLOW

Must be installed on combustible floor base or coil cabinet to prevent blockage of combustible air openings



HORIZONTAL LEFT



HORIZONTAL RIGHT