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	Maximum Over Current Protection
	Low	Med-Lo	Med-Hi	High		
TM(8,L)T060A12MP11	711	872	1042	1275	14	10
TM(8,L)T080B12MP11	620	761	970	1195	14	10
TM(8,L)T080C16MP11	1069	1205	1408	1602	14	15
TM(8,L)T100C16MP11	1012	1367	1586	1820	14	15
TM(8,L)T100C20MP11	1307	1674	2086	2478	12	20
TM(8,L)T120C20MP11	1286	1580	1955	2338	12	20

Models	Input Rate		Total Unit Amps	Air Temp. Rise Max Input °F High Fire	Air Temp. Rise Min Input °F Low Fire	Time For 1 ft^3 Natural Gas (1030 Btu/Ft^3) Seconds (On Max. Rate)
	Max	Min				
TM(8,L)T060A12MP11	60,000	39,000	7.0	30-60	20-50	62
TM(8,L)T080B12MP11	80,000	52,000	7.0	30-60	20-50	46
TM(8,L)T080C16MP11	80,000	52,000	10.0	30-60	20-50	46
TM(8,L)T100C16MP11	100,000	65,000	10.0	30-60	20-50	37
TM(8,L)T100C20MP11	100,000	65,000	17.0	30-60	20-50	37
TM(8,L)T120C20MP11	120,000	78,000	17.0	30-60	20-50	30

LED INDICATOR

Indication	Condition
Slow Green Flash	Normal operation in standby mode.
Slow Amber Flash	Normal operation with call for cool.
Two Amber Flashes	Normal operation with call for heat.
Any Red Flash	Fault Conditon.

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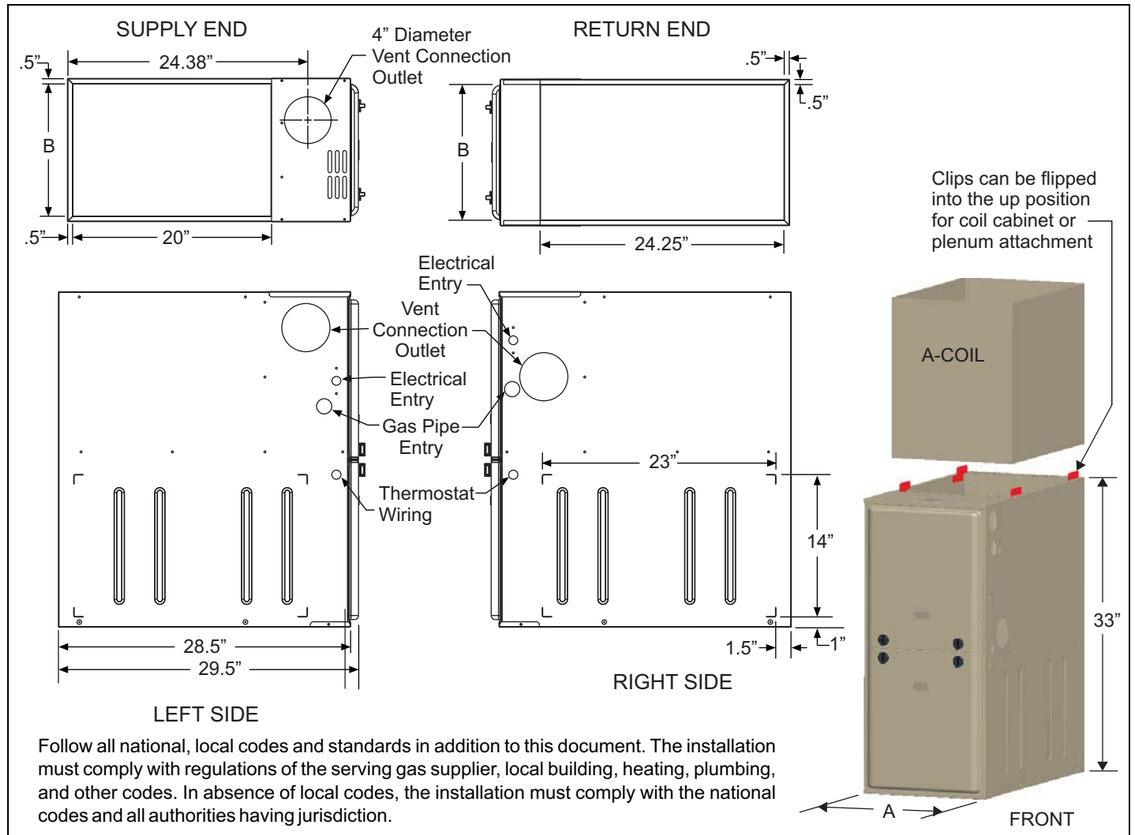
521574-URG-B-0413
Supersedes: 521574-URG-A-0809

York International Corp.
5005 York Drive
Norman, OK 73069

QUICK REFERENCE GUIDE

80% TWO STAGE PSC MULTI-POSITION 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	1	0	0	0	6	Combustible	Yes	Yes	Yes	No
Upflow B-Vent	1	1	0	0	0	1	Combustible	Yes	Yes	Yes	No
Downflow	1	1	0	0	0	6	1[1]	Yes	Yes	Yes	No
Downflow B-Vent	1	1	0	0	0	1	1[1]	Yes	Yes	Yes	No
Horizontal	1	1	0	0	0	6	Combustible	No	Yes	Yes	Yes[2]
Horizontal B-Vent	1	1	0	0	0	1	Combustible	No	Yes	Yes	Yes[2]

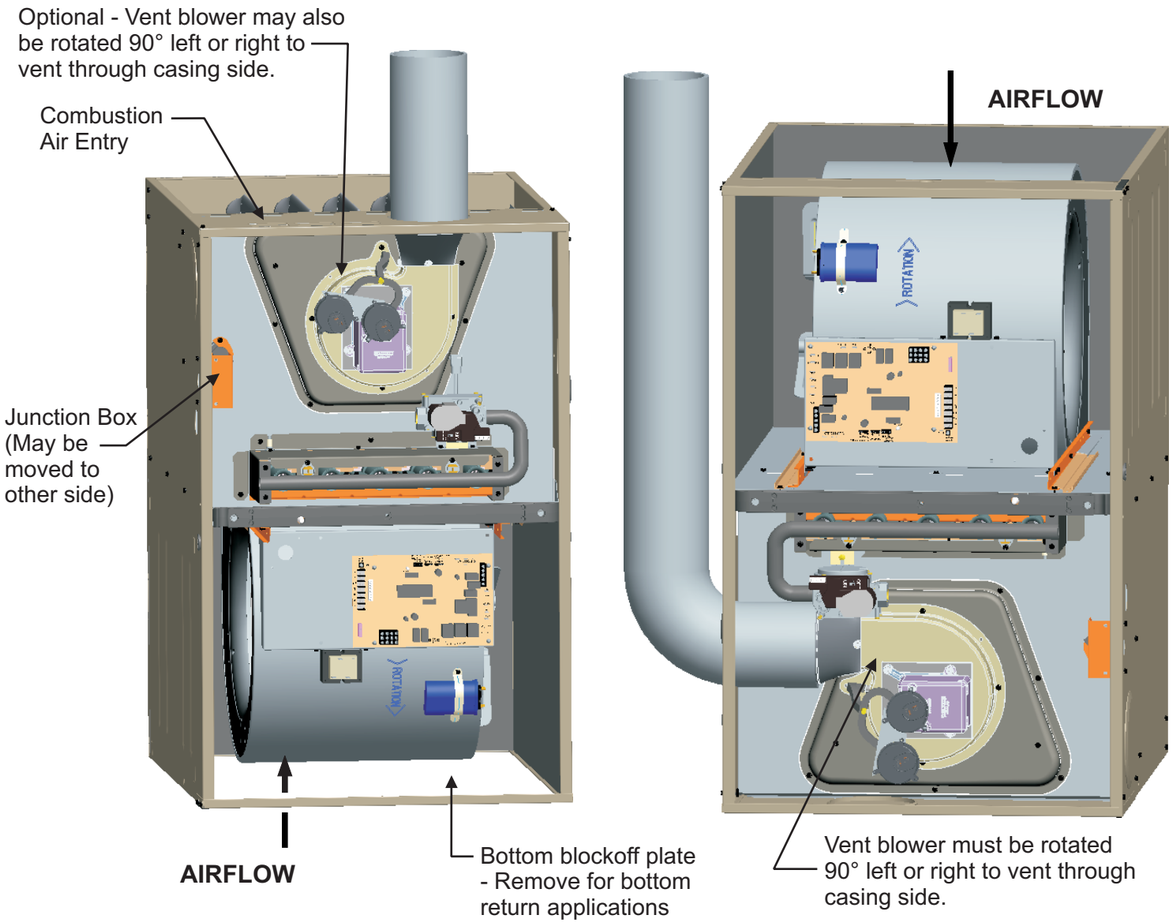
1. Special floor base or air conditioning coil required for use on combustible floor.
2. Line contact only permitted between lines formed by the intersection of the rear panel and side panel (top in horizontal position) of the furnace jacket and building joists, studs or framing.

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.

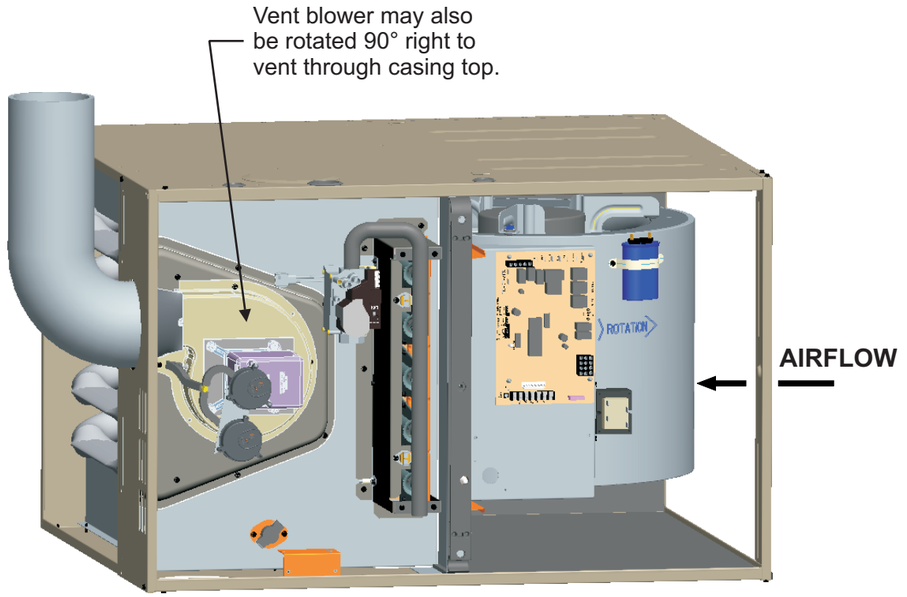
These are Category I units and the vent system must be installed in accordance with latest edition of the National Fuel Gas Code, Z223.1/NFPA 54, or in Canada, CSA B149.1.



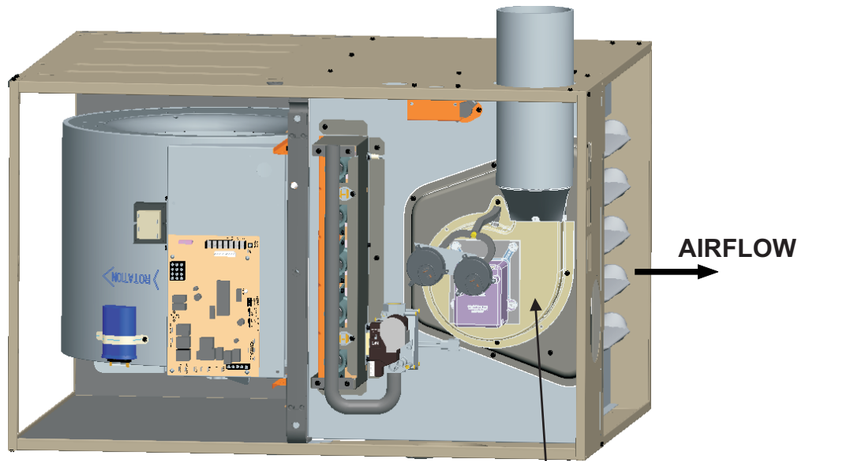
UPFLOW

DOWNFLOW

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



HORIZONTAL LEFT



HORIZONTAL RIGHT