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. Electrical or gas entry is available on both casing sides.
6. External filters required on all configurations.
7. 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. This sum is the total system external static pressure.
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 high fire and 1.6” for Natural gas and 4.0” for Propane on low fire.
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)#				Gas Pipe Connection, NPT	Recommended Fuse or Circuit Breaker Amps
	*D-A**	*C-A**	*B-A**	*A-B**		
TM(8,L)V060A12MP12C	745	885	1052	1322	1/2”	15
TM(8,L)V080B12MP12C	626	793	960	1241	1/2”	15
TM(8,L)V080C16MP12C	927	1096	1321	1644	1/2”	15
TM(8,L)V100C16MP12C	906	1102	1344	1707	1/2”	15
TM(8,L)V100C20MP12C	1146	1329	1553	2265	1/2”	20
TM(8,L)V120C20MP12C	1167	1370	1594	2266	1/2”	20

Models	Input High/Low MBH	Output High/Low MBH	Total Unit Amps	Air Temp. Rise Max Input °F	Air Temp. Rise Min Input °F	Time For 1 ft^3 Natural Gas (1030 Btu/Ft^3) Seconds (On Max. Rate)
TM(8,L)V060A12MP12C	60/39	47/31	10.3	30-60	20-50	62
TM(8,L)V080B12MP12C	80/52	63/42	10.3	30-60	20-50	46
TM(8,L)V080C16MP12C	80/52	63/42	12.2	30-60	20-50	46
TM(8,L)V100C16MP12C	100/65	80/52	12.1	30-60	20-50	37
TM(8,L)V100C20MP12C	100/65	80/52	15.3	30-60	20-50	37
TM(8,L)V120C20MP12C	120/78	96/62	15.3	30-60	20-50	30

Other airflows are available. see Tech guide for all CFM options.
* Cool Tap
** Adjust Tap

LED INDICATOR

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

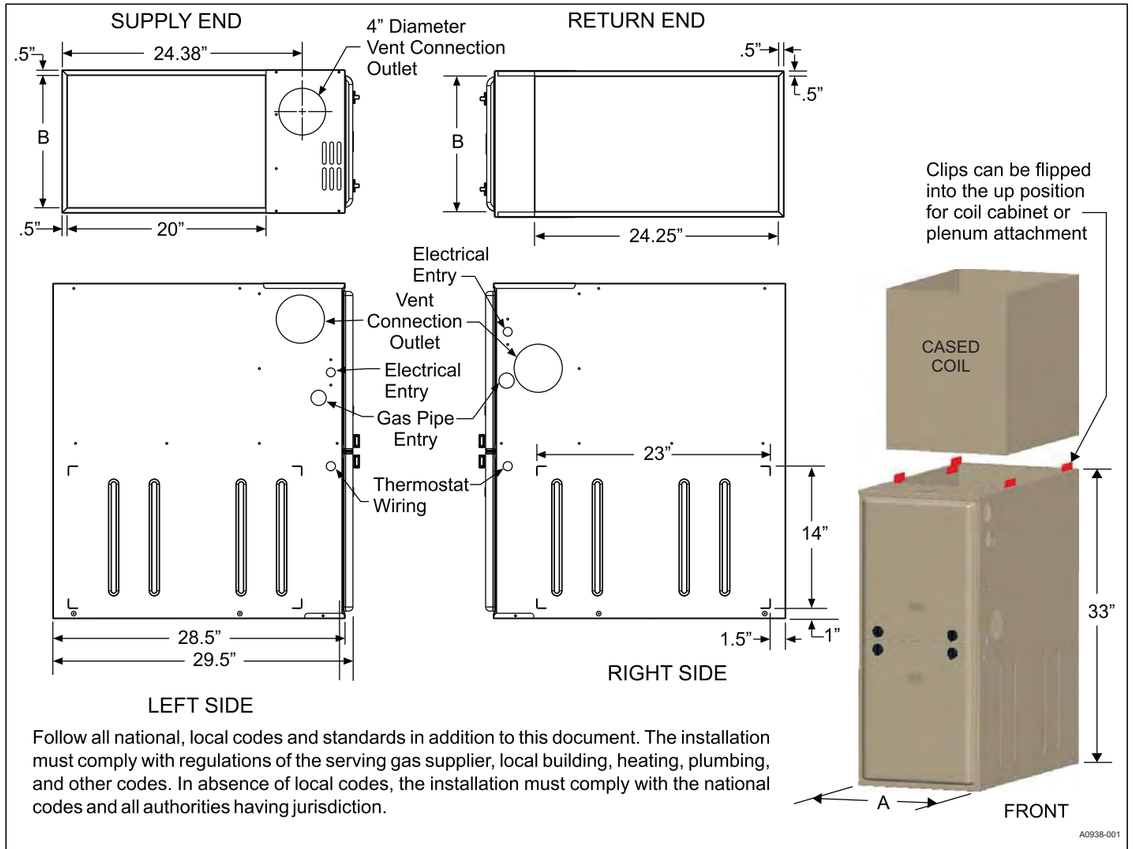
5402918-URG-B-1117
Supersedes: 5402918-URG-A-0917

York International Corp.
5005 York Drive
Norman, OK 73069

QUICK REFERENCE GUIDE

80% TWO STAGE VARIABLE SPEED ECM 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]

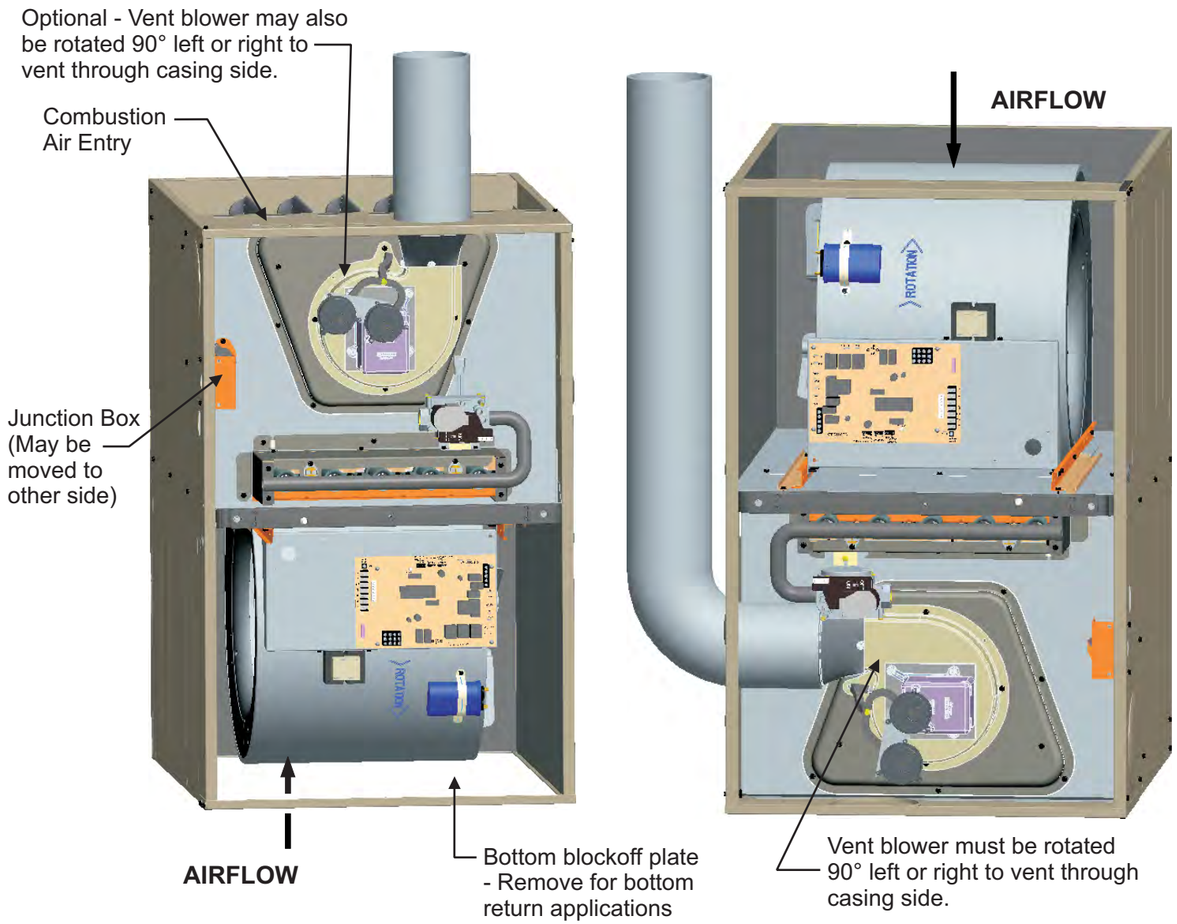
1. Special floor base or air conditioning coil required for use on combustible floor.
2. Line contact only permitted between lines formed by the intersection of the rear panel and side panel (top in horizontal position) of the furnace jacket and building joists, studs or framing.

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.

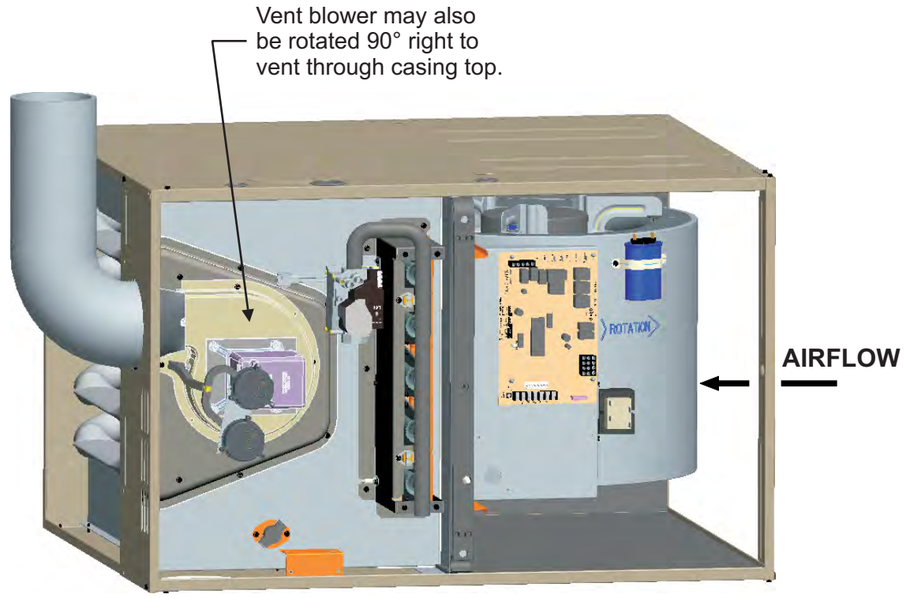
These are Category I units and the vent system must be installed in accordance with latest edition of the National Fuel Gas Code, Z223.1/NFPA 54, or in Canada, CSA B149.1.



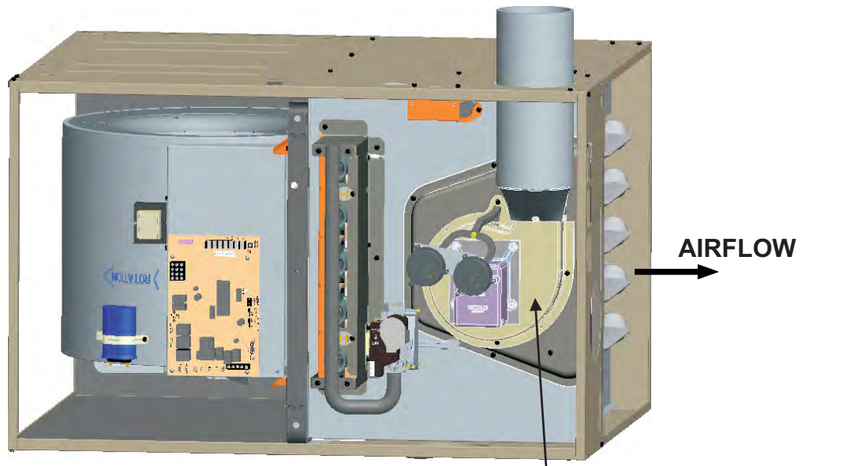
UPFLOW

DOWNFLOW

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



HORIZONTAL LEFT



HORIZONTAL RIGHT