

DAVE LENNOX SIGNATURE™ COLLECTION Up-Flow - Two-Stage Heat - Variable Speed Blower

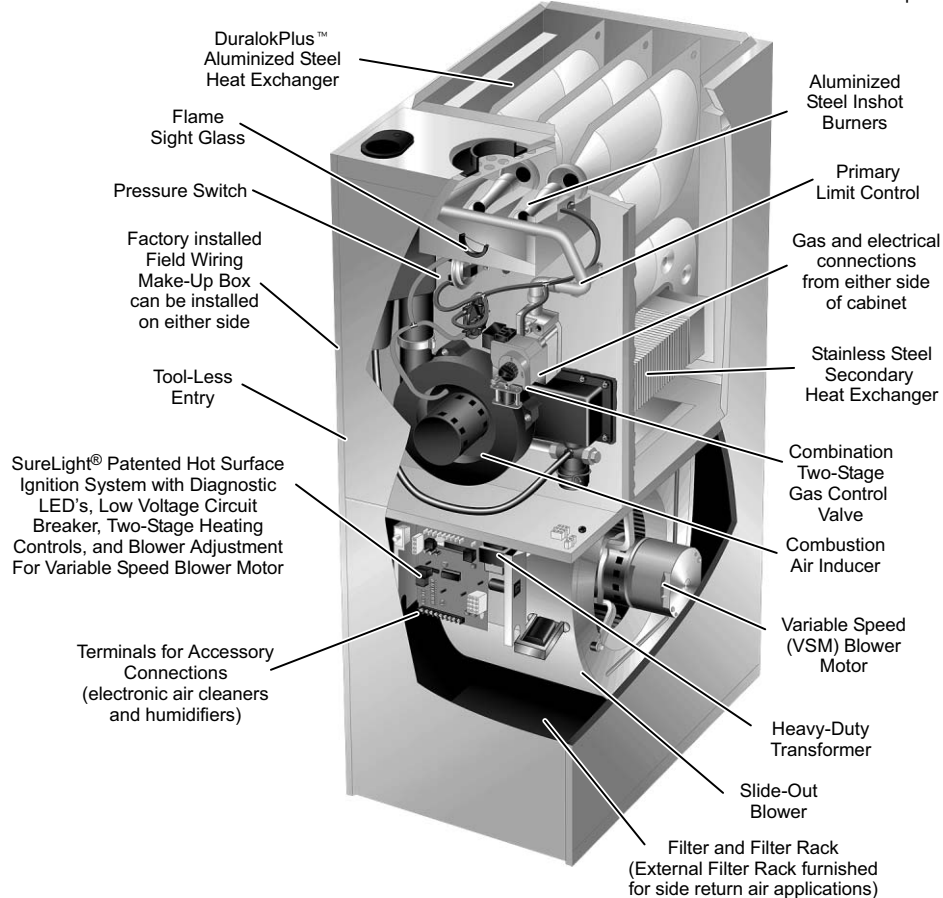
AFUE up to 94.2%
Input - 75,000 to 125,000 Btuh (22.0 to 36.6 kW)
Add-on Cooling - 2 to 5 Tons (7.0 to 17.6 kW)

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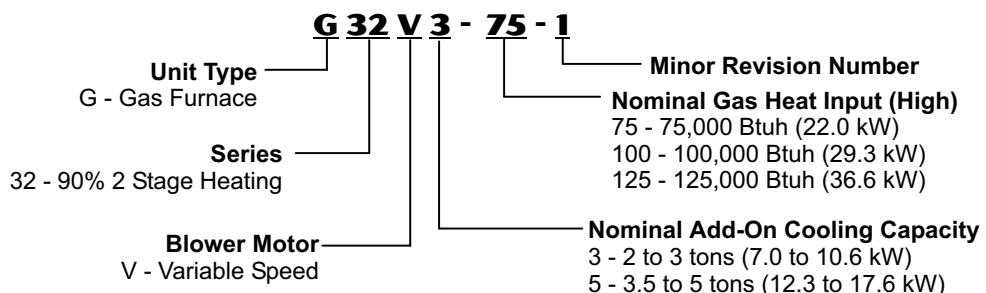
REGISTERED
QUALITY
SYSTEMS



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MODEL NUMBER IDENTIFICATION



FEATURES

Applications

- High fire input capacities of 75,000, 100,000 and 125,000 Btuh (22.0, 29.3 and 36.6 kW).
- Energy efficiency (AFUE) of up to 94.2%.
- Natural gas or LPG/Propane.
- Compact cabinet with either side or bottom return air entry.
- Add-on evaporator coils, electronic air cleaners and power humidifiers available.
- Shipped factory assembled with all controls installed and wired.
- Factory test operated to insure proper operation.

Approvals

- Units certified by CSA International.
- Ratings are certified by GAMA.
- Tested and rated according to U.S. DOE test procedures and FTC labeling regulations.
- Approved by the California Energy Commission and meet California Seasonal Efficiency requirements and California Nitrogen Oxides (NOx) Standards.
- Manufactured in accordance with ISO 9002 quality standards.
- ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment.
- Blower data from unit tests conducted in Lennox Laboratory air test chamber.
- Approved for vertical or horizontal (sidewall) venting.

Equipment Warranty

- DuralokPlus™ Aluminized Steel Heat Exchanger - limited twenty year warranty.
- All other covered components - limited five years (residential applications), one year (non-residential applications).
- Refer to Lennox Equipment Limited Warranty certificate included with equipment for details.

Variable Speed Blower

- Variable-speed, direct drive blowers.
- Each blower assembly statically and dynamically balanced.
- Change in blower speed is easily accomplished by simple DIP switches on SureLight® Integrated Control Board.
- A selection of blower motor dehumidification profiles is available during cooling mode on the SureLight® Integrated Control Board.
- See blower performance tables.

VSM Blower Motor

- Variable speed motor (VSM) maintains specified air volume from 0 through 0.80 in. w.g. (0 through 200 Pa) static range.
- Gradual acceleration and deceleration of variable speed blower motor when starting and stopping over a specific time frame results in extremely quiet operation.
- Motor is controlled by SureLight® Integrated Control Board.
- Motor is resiliently mounted.
- When units are used with Harmony II™ Zone Control System, blower motor operates between low and high speed settings depending on number of zones operating.

Lennox DuralokPlus™ Heat Exchanger Assembly

- Lennox developed heat exchanger assembly consists of primary heat exchanger and secondary condenser coil assembly.
- Main 3-pass clamshell type heat exchanger constructed of heavy gauge ArmorTuf™ aluminized steel.
- Designed for normal expansion and contraction without metal fatigue.
- Crimped seam design and construction provides long service life, maximum efficiency and minimum resistance to airflow.
- Condenser coil constructed of aluminum fins fitted to stainless steel tubes.
- Coil is factory tested for leaks.
- Combined flue vent and condensate drain header box assembly located on front of coil.
- Compact size of complete heat exchanger assembly permits low overall design of furnace cabinet.
- All components mounted in a heavy gauge steel frame.
- Heat exchanger assembly has been laboratory life cycle tested.

Lennox Designed Flue Transition Assembly

- Flue transition assembly connects to flue pipe and to combustion air inducer.
- Vents combustion products and collects condensate.
- Condensate drain hose runs from assembly to header box condensate trap.

Lennox Designed Header Box Condensate Trap

- Header box on end of condenser coil contains built-in internal trap and removable boot on bottom for easy cleaning and servicing of header and trap.
- Header box trap also collects flue condensate from flue trap for disposal through one single drain pipe.
- Also furnished for field installation is 1/2 inch (12.7 mm) mpt adaptor that extends condensate drain out either side of unit cabinet for easy connection.

Inshot Burners

- Aluminized steel inshot burners provide efficient trouble free operation.
- Burner venturi mixes air and gas in correct proportion for proper combustion.
- Burners completely enclosed in heavy gauge steel burner box.
- Sight glass is furnished on burner box for flame observation.
- Burner assembly is removeable from the unit as a single component for ease of service.

SureLight® Hot Surface Ignition

- Tough, reliable, long-life, trouble-free performance.
 - Tungsten heater element sandwiched between two plates of silicon nitride.
 - Cemented to steatite block for protection against current leakage.
 - Ignition leads constructed of nickel plated copper enclosed in high temperature Teflon insulation for dependable operation.
 - No electrical noise.
-

FEATURES

SureLight® Integrated Control Board

- Solid-state board contains all necessary controls and relays to operate furnace.
- Adaptive technology of ignition control board continuously monitors and adjusts the ignitor power to operate at minimum igniter temperature required for ignition, prolonging ignitor life.
- Electronic flame sensor control assures safe and reliable operation.
- Should loss of flame occur, flame sensor controls will initiate 5 attempts at re-ignition before locking out unit operation for 60 minutes.
- Watchguard type circuit automatically resets ignition controls after one hour of continuous thermostat demand after unit lockout, eliminating nuisance calls for service.
- In heating mode, DIP switches 1 and 2 are set to adjust blower time-off delay for either 60, 90 (default), 120 or 180 seconds. The blower time-on delay is fixed at 45 seconds.
- For air-conditioning applications, blower is automatically energized on thermostat demand for cooling.
- Provisions for additional power supply requirements for 120 volt (less than 4 amps) power humidifiers and electronic air cleaners.
- Factory installed behind blower access door.
- Control allows two different modes of operation by selecting jumper pin settings:
 1. Two-stage operation controlled from two-stage thermostat.
 2. Two-stage operation controlled from single-stage thermostat with timed-on second stage.
- Blower control interfaces VSM motor with thermostat and optional CCB1 humidity control.
- SureLight board controls evaporator humidity by controlling blower and compressor speed on two-speed outdoor units when used with CCB1 humidity control.
- Four blower speeds are available. Simple DIP switch (switches 5, 6, 11 and 12) settings control blower air volume.
 - COOL Low Speed - for first stage cooling with two-speed heat pump and condensing units.
 - COOL High Speed - for single stage cooling or high speed cooling with two-speed heat pump and condensing units.
 - HEAT Low Speed - for first stage heating.
 - HEAT High Speed - for second stage heating.
- DIP switch (switches 7 and 8) settings allow normal or - (minus) 15% lower motor speed selection within HEAT and COOL speeds selected for fine tuning air volume.
- DIP switch (switches 9 and 10) settings allows a selection of blower motor de-humidification profiles during cooling mode.
 - Option A (factory default) - Motor runs at 50% capacity for 30 seconds, then 82% capacity for approximately 7-1/2 minutes. If demand is not satisfied, motor runs at 100% capacity until demand is met. Once demand is met, motor runs at 50% capacity for 30 seconds, then ramps down to stop.
 - Option B - Motor runs at 50% capacity for 30 seconds, then 82% of capacity for approximately 7-1/2 minutes. If demand is not satisfied, motor runs at 100% capacity until demand is satisfied. Once demand is met, motor ramps down to stop.
 - Option C - Motor runs at 82% of capacity for approximately 7-1/2 minutes, then 100% capacity (if needed) until demand is satisfied. Once demand is met, motor ramps down to stop.
 - Option D - Motor runs at 100% of capacity until demand met. Once demand is met, motor ramps down to stop.
- Control board has six LED's. DS1 and DS2 LED's indicate status and aid in troubleshooting the ignition control functions of the board. CFM, ON/OFF, HEAT and HI/LOW LED's indicate status and aid in troubleshooting the blower functions.
- Control is factory installed in the unit control box.

Two-Stage Gas Control Valve

- 24 volt redundant combination two stage gas control valve combines manual shut off valve (On-Off), automatic electric valve (dual) and gas pressure regulation into a compact combination control.

Two-Speed Combustion Air Inducer

- Shaded pole, heavy duty, two speed combustion air inducer prepurges heat exchanger and safely vents flue products.
- Controlled by SureLight® Integrated Control Board for a prepurge cycle (15 seconds) and a post purge cycle (5 seconds).
- Pressure switch(es) prove blower operation before allowing gas valve to open. Two switches on -75 models, one switch on -100/-125 models.
- Blower operates only during heating cycle.

Flame Rollout Switch

- Manual reset switch is factory installed on burner box.
- Prevents unit operation in event combustion products passage through flueway is reduced or blocked.

Limit Control

- Factory installed and accurately located.
- Provides protection against abnormal operating conditions.

Field Wiring Make-up Box

- Furnished for line voltage wiring.
- Box may be installed on either side of furnace, internally or externally.
- Box contains plug-in connection for power supply wiring, wire for 120 volt accessory connection and all necessary hardware for installation.

Cabinet

- Constructed of heavy gauge cold rolled steel.
 - Five station metal wash process results in a perfect paint bonding surface.
 - Baked-on enamel paint finish.
 - Cabinet insulated with foil faced fiberglass insulation on vestibule panel, side panels and back panel.
 - Blower compartment sides and rear are completely lined with black matt faced fiberglass insulation for quiet operation.
 - Complete service access accomplished by removing heating section and blower compartment access panels.
 - Blower assembly and filter may be completely removed from unit for service.
 - Rails on blower deck angle down for easy blower removal.
 - Safety interlock switch in control box automatically shuts off power to unit when blower compartment access door is removed.
 - Intake and exhaust air openings are furnished on top of furnace.
 - Gas piping and electrical inlets are provided in both sides of cabinet.
 - Return air entry possible on either side or bottom of cabinet.
 - For bottom return air, cabinet has a perforated knockout pattern for easy removal.
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FEATURES

Control Box

- Thermostat connections are made at control box which is located in blower compartment.
- Box contains safety interlock switch, blower/ignition control board, control transformer, two-stage control board, VSP blower control board and circuit breaker.

Transformer

- 24 volt control transformer is furnished as standard.
- Factory installed in control box.
- Transformer has circuit breaker wired in series for added protection.

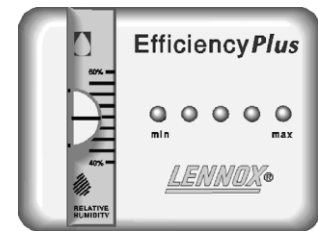
Filter and Rack Kit

- Washable or vacuum cleanable polyurethane frame type air filter and external rack for field installation.
- For bottom return air applications, filter installs in furnace cabinet bottom. Secured by one fixed rear filter clip and two field installed side filter clips.
- For side return air applications, external filter rack field installs on either side of unit cabinet.
- Rack has filter door for easy filter servicing.
- Flanges on rack allow easy duct connection.
- See dimension drawing.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

CCB1 EfficiencyPlus™ Humidity Control

- Electronic control installs next to room thermostat, allows selection of desired indoor humidity level during cooling mode.
- During heating season control is inoperable.
- CCB1 controls indoor humidity by changing indoor blower speed and compressor speed (two speed outdoor units only).
- Humidity level is adjusted with vertical set point slide on scale of 40% thru 60%, 50% recommended setting.
- Five indicator LED's (MIN — MAX) in a bar graph configuration indicate difference in actual relative humidity and set point, indicates demand imposed on system equipment, more lights on, the longer equipment will operate to obtain desired humidity level. No lights on, humidity is at or below set point.



Condensate Drain Heat Cable Kits

- Self-limiting wattage heat cable prevents condensate drain from freezing in unconditioned areas.
- Heat cable kits are available in 6, 24, or 50 ft. (1.8, 7.3, or 15.2 m) lengths
- 1/2 in. x 66 ft. (13 mm x 20 m) fiberglass and 2 in. x 60 ft. (51 mm x 18 m) aluminum foil Heat Cable Tape is available.

LPG/Propane Conversion Kit

- For LPG/propane models a conversion kit is required for field changeover from natural gas.
- See specifications table for order number.

Termination Kit - Concentric

- Facilitates installation of combustion air intake pipe and flue exhaust pipe.
- 1-1/2 or 2 inch (38 or 51 mm) kit contains concentric termination assembly, mounting clamp, roof flashing, reducer bushing and 45 degree elbow.
- Kit requires single hole penetration of roof or wall for installation.
- AGA/CGA certified.
- See Specifications table and dimension drawings.

Termination Kit - Roof

- Facilitates installation of combustion air intake pipe and flue exhaust pipe.
- 2 or 3 inch (51 or 76 mm) kit contains two neoprene rubber roof flashings.
- See Specifications table and dimension drawings.
- Refer to venting tables in this bulletin to determine pipe size needed and proper termination kit required.

Termination Kits - Wall Assembly

- Facilitates installation of combustion air intake pipe and flue exhaust pipe.
- Refer to venting tables in this bulletin to determine pipe size needed and proper termination kit required.
- See Specifications table and dimension drawings.

Close Couple

- 2 or 3 inch (51 or 76 mm) kit consists of close-couple, side-by-side PVC piping with galvanized steel wall cover plate for sealing and isolating piping penetration of the wall.
- Piping spacing and length is sized for proper wall installations.
- CSA certified.

Close Couple WTK

- 2 or 3 inch (51 or 76 mm) kit contains one insulated faceplate, one insulated exhaust pipe, elbow and fittings.

Extension Riser WTKX

- 2 inch (51 mm) is used where extended grade line clearance is required.
- Includes 3 ft. (1.0m) extension riser containing both vent lines (exhaust vent insulated) and wall securing bracket.
- See dimension drawings.

Wall Ring

- 2 inch (51 mm) kit contains 2 stainless steel outside seal caps, 2 galvanized steel inside seal caps, 4 seal rings for the caps and 18 inch (457 mm) insulation sleeve for sealing and isolating intake and exhaust piping penetration of wall.
- Maintain a maximum of 6 inches (152 mm) between the inlet and outlet openings in the installation of the pipes.
- See dimension drawings.

Thermostat

- Thermostat is not furnished.
- Single stage and two stage thermostats, heating only thermostats and heat-cool thermostats are available for all-season indoor climate control.
- See Thermostats bulletin in Controls section and Lennox Price Book.

SPECIFICATIONS

Gas Heating Performance	Model No.	G32V3-75	G32V5-100	G32V5-125
Input Btuh (kW) - High		75,000 (22.0)	100,000 (29.3)	125,000 (36.6)
Input Btuh (kW) - Low		51,000 (15.0)	68,000 (19.9)	85,000 (24.9)
Output Btuh (kW) - High		70,000 (20.5)	93,000 (27.2)	117,000 (34.5)
Output Btuh (kW) - Low		47,000 (13.8)	63,000 (18.5)	80,000 (23.4)
	① AFUE	94.0%	94.0%	94.2%
	② California Seasonal Efficiency	90.2%	89.7%	91.1%
Temperature rise range - °F (°C)	Low Fire	20 - 50 (11 - 28)	20 - 50 (11 - 28)	35 - 65 (19 - 36)
	High Fire	30 - 60 (17 - 33)	30 - 60 (17 - 33)	50 - 80 (28 - 44)
High static (CSA certified) - in. wg. (Pa)		.80 (200)	.80 (200)	.80 (200)
Connections	③ Exhaust pipe (PVC) - in. (mm) diameter	2 (51)	⑤ 2 (51)	⑤ 2 (51)
	③ Intake pipe (PVC) - in. (mm) diameter	2 (51)	2 (51)	3 (76)
	Condensate drain (PVC) - in. (mm)	3/4 (19)	3/4 (19)	3/4 (19)
	Gas Piping Size I.P.S. - in. (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
Indoor Blower	Blower motor output - hp (W)	1/2 (373)	1 (746)	1 (746)
	Wheel nominal diameter x width - in.	10 x 8	11-1/2 x 9	11-1/2 x 9
		mm	254 x 203	292 x 229
	Add-on cooling - Tons	2 to 3	3.5 to 5	3.5 to 5
kW		7.0 to 10.6	12.3 to 17.6	12.3 to 17.6
Filter	④ No. & size of filters - in.	(1) 14 x 25 x 1	(1) 20 x 25 x 1	(1) 20 x 25 x 1
		mm (1) 356 x 635 x 25	(1) 508 x 635 x 25	(1) 508 x 635 x 25
Shipping Data	Weight - lbs. (kg) 1 package	161 (73)	201 (91)	221 (100)
Electrical		120 volts - 60 hertz - 1 phase (all models) (less than 12 amps)		

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

CCB1 EfficiencyPlus™ Humidity Control		35H00	35H00	35H00
Condensate Drain Heat Cable	6 ft. (1.8 m)	26K68	26K68	26K68
	24 ft. (7.3 m)	26K69	26K69	26K69
	50 ft. (15.2 m)	26K70	26K70	26K70
Condensate Drain Heat Cable Tape	1/2 in. (38 mm) fiberglass	39G04	39G04	39G04
	2 in. (25 mm) aluminum foil	39G03	39G03	39G03
LPG/Propane Kit (Honeywell)		11M55	11M55	11M55
Termination Kits Concentric	1-1/2 inch (38 mm)	60G77	---	---
	2 inch (51 mm)	---	33K97	33K97
Termination Kits Roof	2 inch (51 mm)	15F75	15F75	15F75
	3 inch (76 mm)	44J41	44J41	44J41
Termination Kits Wall Assembly	Close Couple - 2 inch (51 mm)	22G44	22G44	22G44
	3 inch (76 mm)	44J40	44J40	44J40
	Close Couple WTK - 2 inch (51 mm)	30G28	30G28	---
	3 inch (76 mm)	81J20	81J20	81J20
Close Couple WTKX - 2 inch (51 mm) w/ 3 ft. (0.9 m) extension riser		30G79	30G79	---
	Wall Ring Kit 2 inch (51 mm)	15F74	15F74	15F74

① Annual Fuel Utilization Efficiency based on U.S. DOE test procedures and FTC labeling regulations. Isolated combustion system rating for non-weatherized furnaces.

② Meets California Nitrogen Oxides (NO_x) Standard and California Seasonal Efficiency requirements.

③ Determine from venting tables proper intake and exhaust pipe size and termination kit required.

④ Polyurethane frame type filter.

⑤ 2 inch x 3 inch (51 mm x 76 mm) adaptor is furnished with -100 and -125 furnaces for exhaust pipe connection.

HIGH ALTITUDE INFORMATION

No gas pressure adjustment is needed when operating from 0 to 4500 ft. (0 to 8 m). See below for correct manifold pressures for altitudes greater than 4500 ft. (1372 m) for natural and LPG/Propane gas.

Model No.	Altitude above sea level							
	0 to 4500 ft. (0 to 1372 m)		4501 to 5500 ft. (1373 to 1676 m)		5501 to 6500 ft. (1677 to 1981 m)		6501 to 7500 ft. (1982 to 2286 m)	
	Manifold Pressure (Outlet) - in. w.g. (kPa)							
	Low Fire	High Fire	Low Fire	High Fire	Low Fire	High Fire	Low Fire	High Fire
G32V3-75 natural gas	1.7 (0.42)	3.5 (0.87)	1.7 (0.42)	3.5 (0.87)	1.7 (0.42)	3.5 (0.87)	1.7 (0.42)	3.5 (0.87)
G32V5-100 natural gas G32V5-125 natural gas	1.7 (0.42)	3.5 (0.87)	1.7 (0.42)	3.4 (0.85)	1.7 (0.42)	3.3 (0.82)	1.7 (0.42)	3.2 (0.80)
G32V3-75 LPG/Propane	3.5 (0.87)	7.5 (1.86)	3.5 (0.87)	7.5 (1.86)	3.5 (0.87)	7.5 (1.86)	3.5 (0.87)	7.5 (1.86)
G32V3-100 LPG/Propane G32V3-125 LPG/Propane	3.5 (0.87)	7.5 (1.86)	3.5 (0.87)	7.3 (1.82)	3.5 (0.87)	7.1 (1.77)	3.5 (0.87)	7.0 (1.74)

INTAKE AND EXHAUST PIPE VENTING TABLE

Vent Pipe Maximum Equivalent Length		Minimum Vent Pipe Diameter Required							
		75,000 Btuh (22.0 kW)		100,000 Btuh (29.3 kW)		125,000 Btuh (36.6 kW)			
		Feet	Meters	in.	mm	in.	mm	in.	mm
15	4.6	2	51	2	51	2	51		
20 - 25	6.1 - 7.6	2	51	2	51	3	76		
30 - 55	9.1 - 16.8	2	51	3	76	3	76		
60 - 120	18.3 - 36.6	3	76	3	76	3	76		
130	39.6	3	76	3	76	---	---		

MINIMUM PIPE LENGTHS FOR FURNACES — **G32V3-75** — 5 feet (1.5 m) with two 90° elbows of 2 inch (51 mm) diameter pipe. (15 equivalent feet (4.6 m) total).
G32V5-100 — 5 feet (1.5 m) with two 90° elbows of 2 inch (51 mm) diameter pipe. (15 equivalent feet (4.6 m) total).
G32V5-125 — 5 feet (1.5 m) with two 90° elbows of 2 inch (51 mm) diameter pipe. (15 equivalent feet (4.6 m) total).

VENTING NOTES — One 90° elbow is equivalent to 5 feet (1.5 m) of straight vent pipe.
 Two 45° elbows are equal to one 90° elbow.
 One 45° elbow is equivalent to 2.5 feet (.75 m) of straight vent pipe.
 One foot (305 mm) length of 2 in. (51 mm) diameter pipe is equivalent to 8 feet (2.4 m) of 3 in. (76 mm) diameter pipe.
 Intake and Exhaust pipes must be the same diameter.
 2 inch x 3 inch (51 mm x 76 mm) adaptor is furnished with -100 and -125 furnaces for exhaust pipe connection.
 Exhaust pipe must terminate with 1-1/2 inch (38 mm) diameter pipe for furnaces using 1-1/2 (38 mm) or 2 inch (51 mm) diameter pipe runs.
 Exhaust pipe must terminate with 2 inch (51 mm) diameter pipe for furnaces using 3 inch (76 mm) diameter pipe runs.
 See pages 6 thru 8 for Termination Kits available.

BLOWER PERFORMANCE 0 THROUGH 0.80 IN. W.G. (0 THROUGH 200 PA) EXTERNAL STATIC PRESSURE RANGE

HEATING OPERATION

DIP Switch Settings	Low Speed - first stage heat								High Speed - second stage heat							
	Option 1 Low		Option 2 Medium Low (factory default)		Option 3 Medium High		Option 4 High		Option 1 Low		Option 2 Medium Low (factory default)		Option 3 Medium High		Option 4 High	
	Switch 11 - On	Switch 12 - On	Switch 11 - Off	Switch 12 - On	Switch 11 - On	Switch 12 - Off	Switch 11 - Off	Switch 12 - Off	Switch 11 - On	Switch 12 - On	Switch 11 - Off	Switch 12 - On	Switch 11 - On	Switch 12 - Off	Switch 11 - Off	Switch 12 - Off
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
G32V3-75																
NORMAL (Factory Default) Switch 7 - Off Switch 8 - Off	945	445	1025	485	1125	530	1270	600	1080	510	1170	535	1285	605	1450	685
Ⓜ minus 15% Switch 7 - Off Switch 8 - On	805	380	870	410	955	450	1080	510	920	435	995	470	1095	515	1235	580
G32V5-100 and G32V5-125																
NORMAL (Factory Default) Switch 7 - Off Switch 8 - Off	1140	540	1250	590	1440	680	1550	730	1560	735	1720	810	2030	960	2150	1015
Ⓜ minus 15% Switch 7 - Off Switch 8 - On	970	455	1060	500	1280	605	1320	595	1330	625	1460	690	1730	815	1830	865

COOLING OPERATION

DIP Switch Settings	Low Speed - first stage cooling (two stage cooling applications)								High Speed - second stage cooling or single stage cooling							
	Option 1 Low		Option 2 Medium Low		Option 3 Medium High		Option 4 High (factory default)		Option 1 Low		Option 2 Medium Low		Option 3 Medium High		Option 4 High (factory default)	
	Switch 5 - On	Switch 6 - On	Switch 5 - Off	Switch 6 - On	Switch 5 - On	Switch 6 - Off	Switch 5 - Off	Switch 6 - Off	Switch 5 - On	Switch 6 - On	Switch 5 - Off	Switch 6 - On	Switch 5 - On	Switch 6 - Off	Switch 5 - Off	Switch 6 - Off
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
G32V3-75																
NORMAL (Factory Default) Switch 7 - Off Switch 8 - Off	880	415	930	440	980	465	1040	490	1060	500	1105	520	1260	595	1330	630
Ⓜ minus 15% Switch 7 - Off Switch 8 - On	775	365	810	380	850	400	910	430	930	440	970	460	1070	505	1130	535
G32V5-100 and G32V5-125																
NORMAL (Factory Default) Switch 7 - Off Switch 8 - Off	1140	540	1250	590	1440	680	1550	730	1620	765	1820	860	2000	945	2100	990
Ⓜ minus 15% Switch 7 - Off Switch 8 - On	970	455	1060	500	1280	605	1320	595	1380	650	1550	730	1700	800	1780	840

Ⓜ 15% lower motor speed than NORMAL setting.
 NOTE - The effect of static pressure and filter resistance is included in air volumes shown.
 NOTE - Continuous Fan only speed is nonadjustable and approximately 800 cfm (380 L/s) [G32V3-75] or 1150 cfm (545 L/s) [G32V5-100/G32V5-125].
 NOTE - Lennox Harmony II™ zone control applications - MAX CFM is determined by COOL DIP switch settings with approximately 850 cfm (400 L/s) [G32V3-75] or 1140 cfm (540 L/s) [G32V5-100/G32V5-125] for all positions.

FILTER AIR RESISTANCE

cfm	L/s	in. w.g.	Pa
0	0	0.00	0
200	95	0.00	0
400	190	0.03	5
600	285	0.04	10
800	380	0.06	15
1000	470	0.09	20
1200	565	0.12	30
1400	660	0.15	35
1600	755	0.19	45
1800	850	0.23	55
2000	945	0.27	65
2200	1040	0.33	80
2400	1130	0.38	95
2600	1225	0.44	110

INSTALLATION CLEARANCES

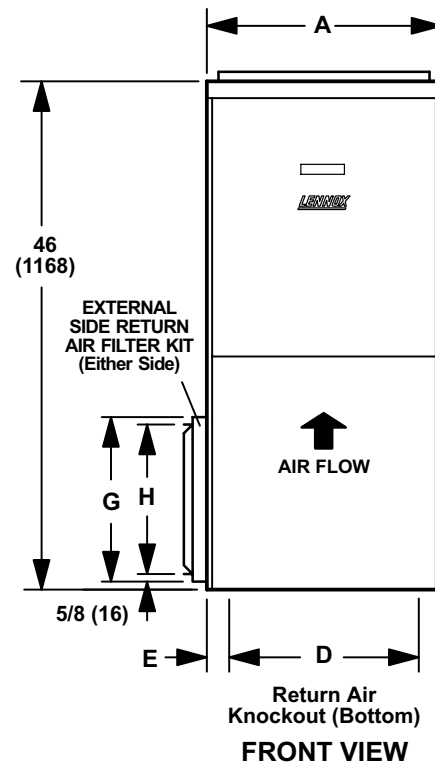
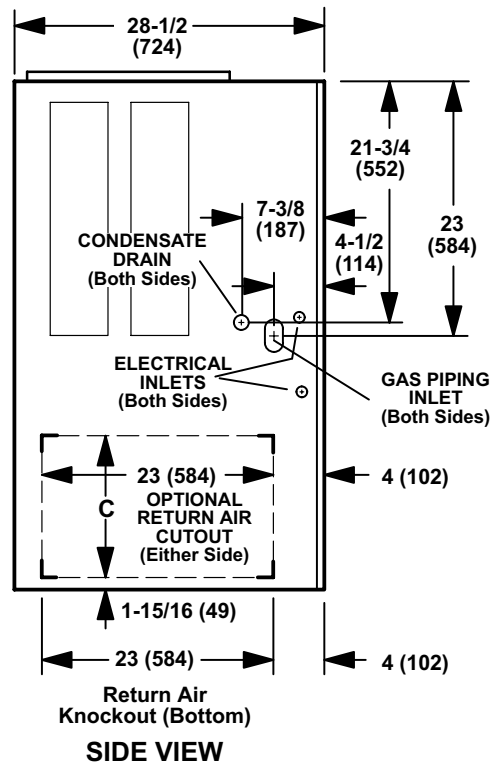
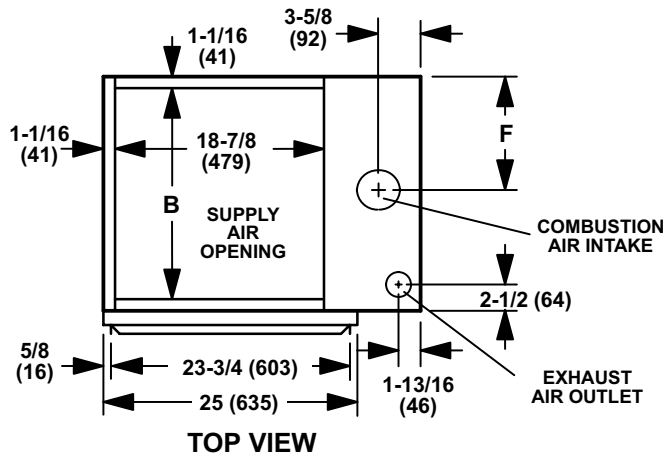
Sides	0 inches (0 mm)
Rear	0 inches (0 mm)
Top	1 inch (25 mm)
Front	0 inches (0 mm)
Floor	Combustible
Exhaust Pipe	0 inches (0 mm)
Exhaust Pipe (service)	6 inches (152 mm)
Service Clearance (front)	24 inches (610 mm)
Service Clearance (condensate side)	3 inches (76 mm)

NOTE—Air for combustion and supply air ventilation must conform to the methods outlined in American National Standard (ANSI-Z223.1) National Fuel Gas Code or National Standard of Canada CAN/CGA-149.1 and CAN/CGA-149.2 "Installation Code for Gas Burning Appliances".

NOTE—In the U.S. flue sizing must conform to the methods outlined in current GAMA/A.G.A. venting tables, American National Standard (ANSI-Z223.1) National Fuel Gas Code or applicable provisions of local building codes. In Canada flue sizing must conform to the methods outlined in National Standard of Canada CAN/CGA-149.1 and CAN/CGA-149.2.

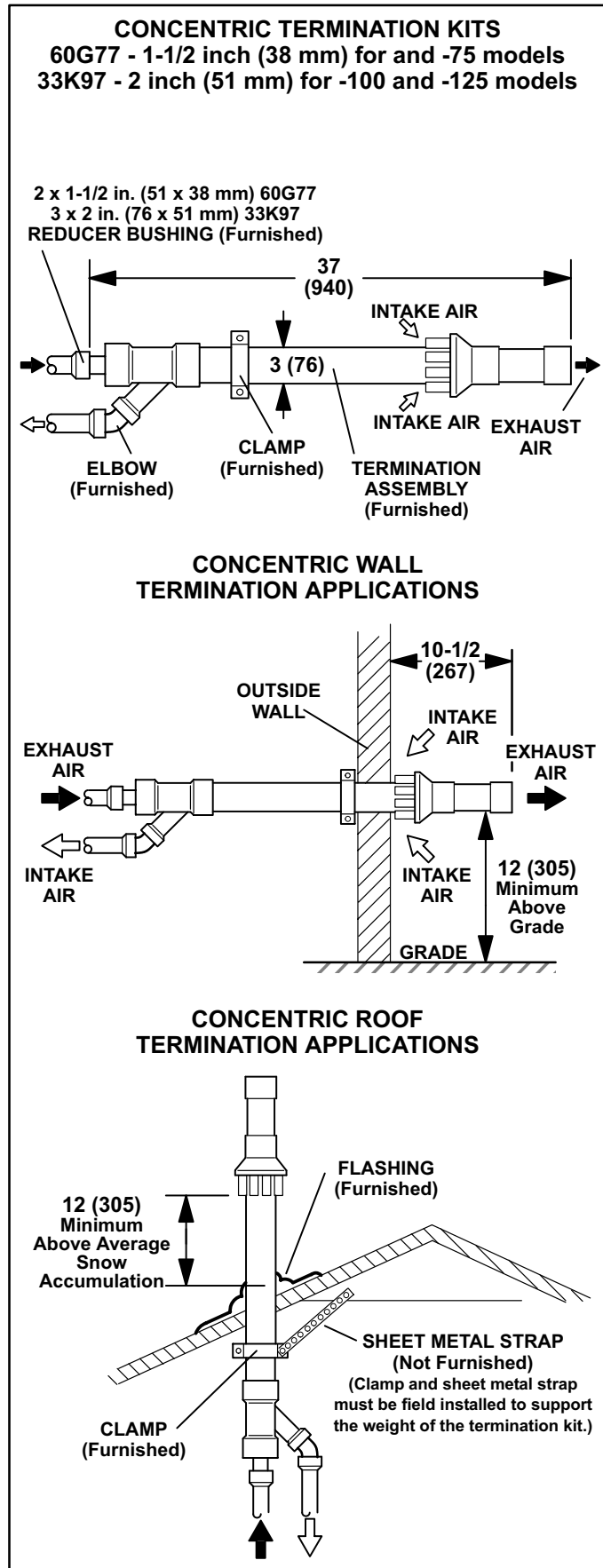
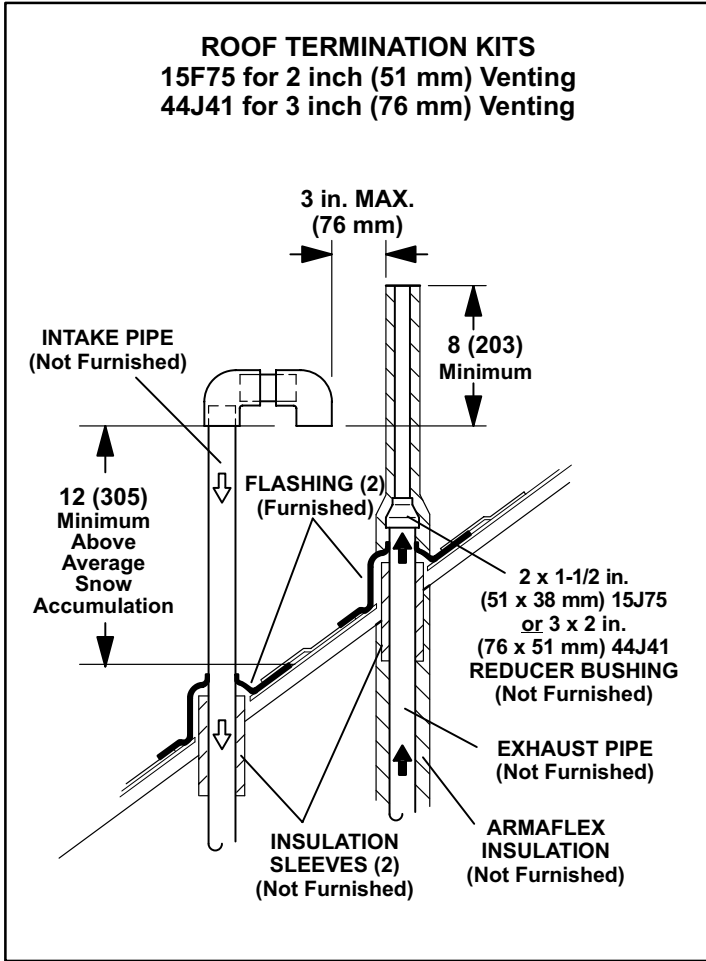
Front clearance for alcove installations is 24 inches (610 mm).

DIMENSIONS - INCHES (MM)

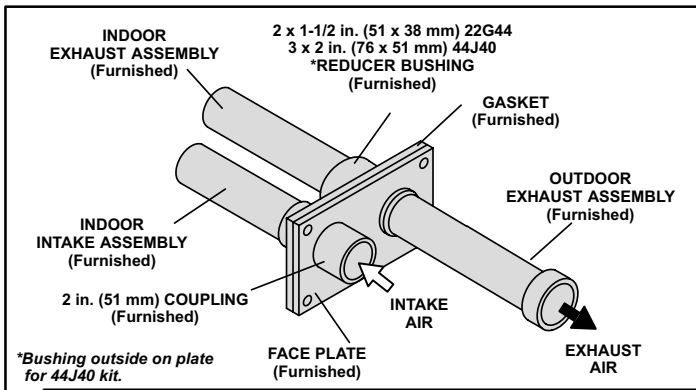


Model No.	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
G32V3-75	16-1/4	413	14-1/8	359	12	305	12	305	2-1/8	54	7-5/8	194	14	356	12-3/4	324
G32V5-100	21-1/4	540	19-1/8	486	18	457	18	457	1-5/8	41	10-1/8	257	20	508	18-3/4	476
G32V5-125	26-1/4	667	24-1/8	613	18	457	18	457	4-1/8	105	12-5/8	321	20	508	18-3/4	476

OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)



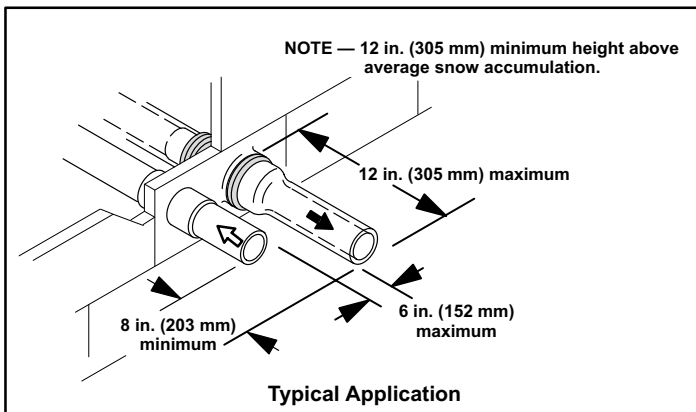
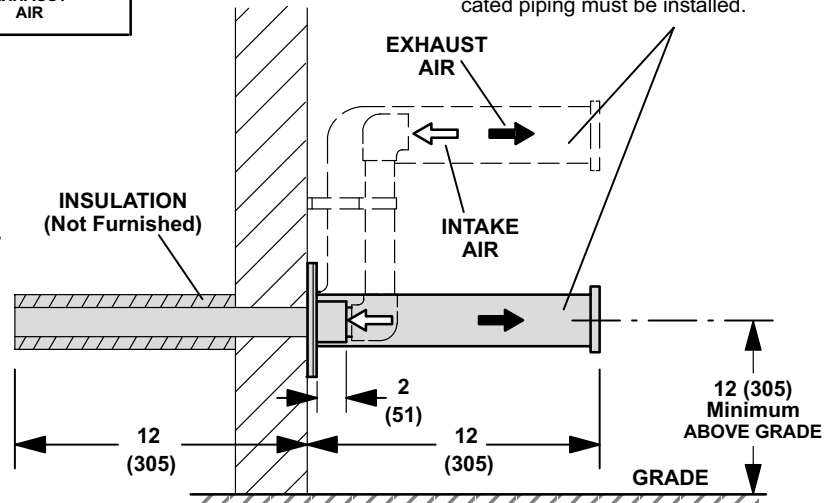
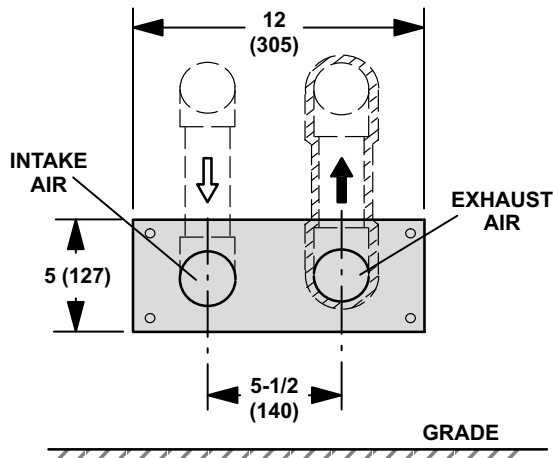
OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)



WALL ASSEMBLY TERMINATION KITS (CLOSE-COUPLE)

22G44 — For 2 inch (51 mm) Venting
44J40 — For 3 inch (76 mm) Venting

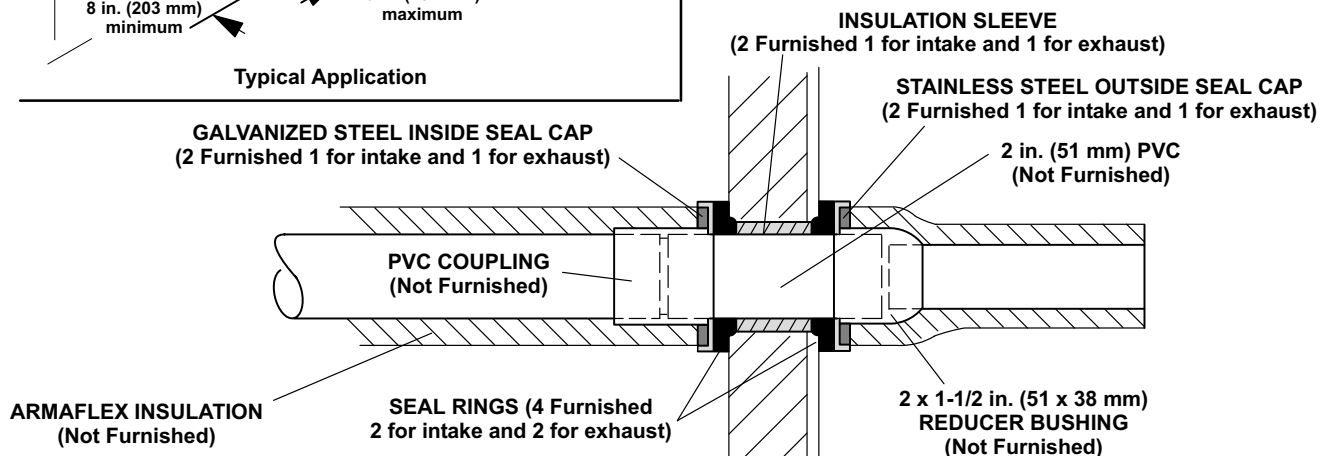
If Intake and Exhaust Pipe is less than 12 in. (305 mm) above snow accumulation or other obstructions, field fabricated piping must be installed.



WALL ASSEMBLY TERMINATION KIT (RING KIT)

15F74 — For 2 inch (51 mm) Venting
NOTE — Not for use with 3 inch (76 mm) Venting

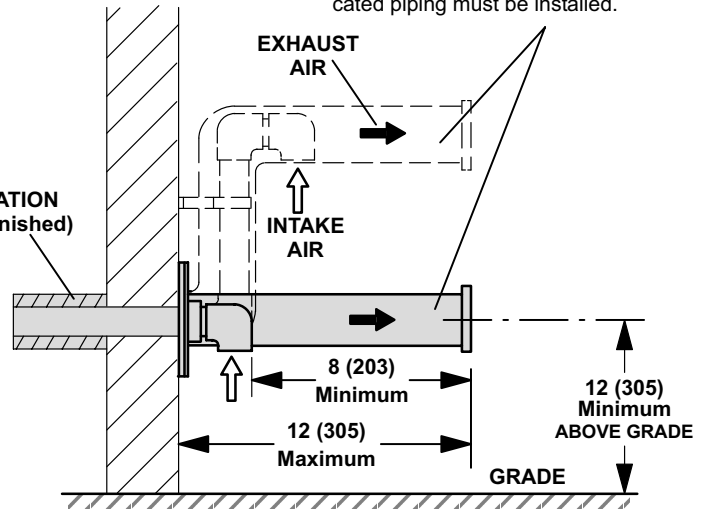
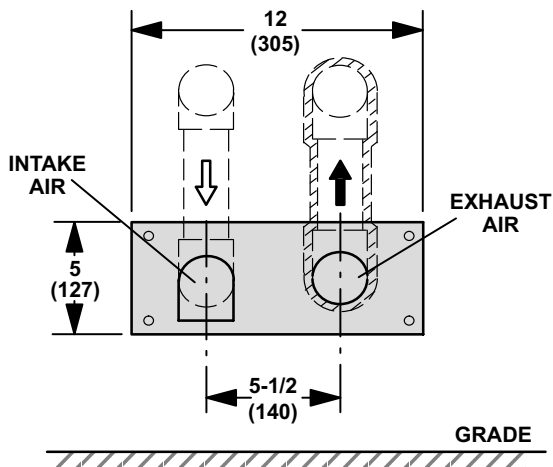
NOTE — EXHAUST PIPE SHOWN



OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

**WTK WALL ASSEMBLY TERMINATION KIT
WITH FIELD FABRICATION ABOVE
GRADE EXTENDED CLEARANCE
30G28 — For 2 inch (51 mm) Venting
81J20 — For 3 inch (76 mm) Venting**

If Intake and Exhaust Pipe is less than 12 in. (305 mm) above snow accumulation or other obstructions, field fabricated piping must be installed.



**WTKX WALL ASSEMBLY EXTENSION RISER TERMINATION KIT
30G79 — For 2 inch (51 mm) Venting
NOTE — Not for 3 inch (76 mm) Venting**

