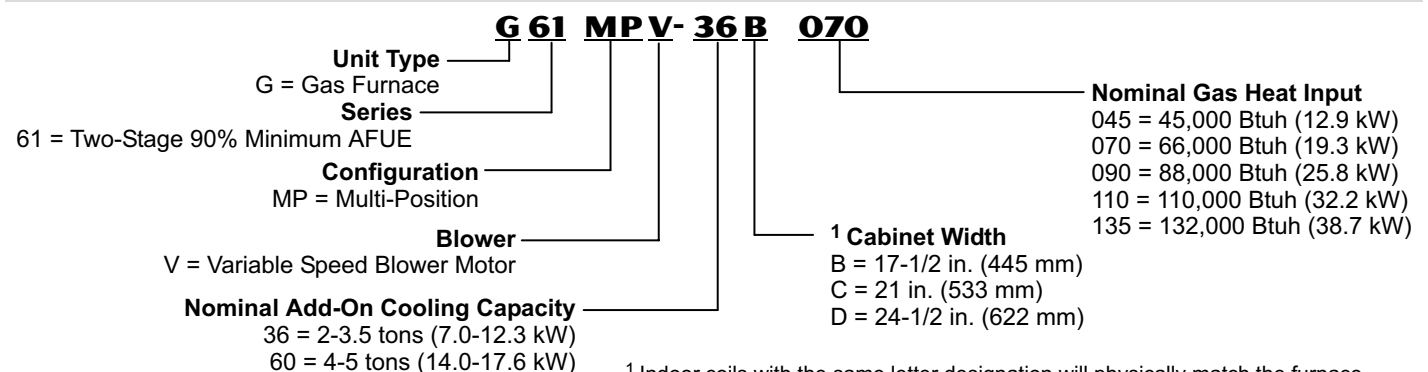




AFUE - up to 94.6%
Input - 44,000 to 132,000 Btuh
Nominal Add-on Cooling - 2 to 5 Tons

MODEL NUMBER IDENTIFICATION



¹ Indoor coils with the same letter designation will physically match the furnace.

FEATURES

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WARRANTY

Duralok Plus® Aluminized Steel **Heat Exchanger - Limited lifetime warranty** in residential applications (twenty year transferrable), twenty year limited warranty in non-residential applications.

All other covered components - Five years limited warranty in residential applications, one year limited warranty in non-residential applications.

Refer to Lennox Equipment Limited Warranty certificate included with equipment for details.

APPROVALS

Units certified by CSA International and ratings are certified by GAMA.

Units tested and rated according to US DOE test procedures and FTC labeling regulations.

Blower data from unit tests conducted in Lennox Laboratory air test chamber.

Approved by the California Energy Commission and meet California Seasonal Efficiency requirements and California Nitrogen Oxides (NOx) Standards.

ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment.

ISO 9001 Registered Manufacturing Quality System.

APPLICATIONS

Input capacities of 44,000, 66,000, 88,000, 110,000, and 132,000 Btuh (12.9, 19.3, 25.8, 32.2, and 38.7 kW).

Energy efficiency (AFUE) up of 94.6% in all four installation configurations.

Compact cabinet for up-flow, down-flow, horizontal-left or horizontal-right applications without any internal modifications to the unit.

Variable speed blower ideal for zoning applications.

Lennox add-on indoor coils, high-efficiency air cleaners and humidifiers can easily be added to furnace.

Shipped factory assembled with all controls installed and wired. Each unit factory test operated to ensure proper operation.

Zoning Applications

Units may be used with certain zoning systems. Zone control panel must be able to interface and communicate with the variable speed blower motor in the unit. Lennox Harmony III™ Zone Control Panel has this capability.

DIRECT VENT / NON-DIRECT VENT

Furnace can be installed in either Direct Vent or Non-Direct applications. In Direct Vent applications, combustion air is supplied from outdoors and flue gases are discharged outdoors. In Non-Direct Vent applications, combustion air is supplied from indoors and flue gases are discharged outdoors.

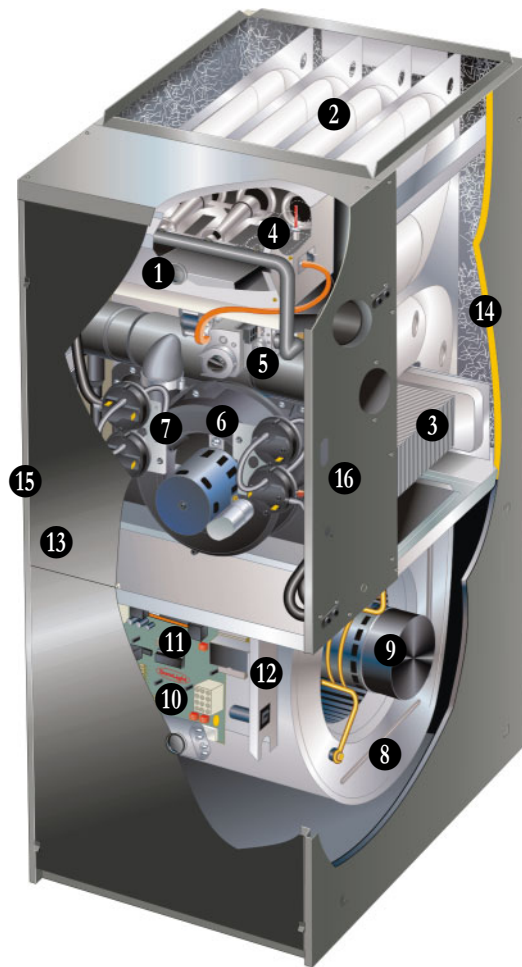
OPTIONS

Termination Kits

Facilitates installation of combustion air intake pipe and flue exhaust pipe.

Refer to venting table in this bulletin to determine pipe size needed and proper termination kit required.

See Specifications table and dimension drawings.



Termination Kit - Concentric - Direct Vent Applications Only

1-1/2, 2, or 3 inch (38, 51, or 76 mm) kit contains concentric termination assembly, reducer bushing and 45 degree elbow. Kit requires single hole penetration of roof or wall for installation. Roof Termination Flashing Kit is available for use with 1-1/2 and 2 inch Kits. CSA certified.

Close Couple WTK - Direct Vent Applications Only

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

Wall Ring - Direct or Non-Direct Vent

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.

Roof Termination Flashing Kit - Direct or Non-Direct Vent

2 or 3 inch (51 or 76 mm) kit contains two neoprene rubber roof flashings for vertical venting through a roof. Vent pipe and insulation not furnished. Each kit contains enough parts for two non-direct vent installations. Also available for use with 1-1/2 inch (use 2 inch flashing) and 2 inch (use 3 inch flashing) Concentric Vent Termination Kits used in vertical venting rooftop applications.

Termination Kits - Wall Assembly

Close Couple - Direct Vent Applications Only

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.

FEATURES

HEATING SYSTEM

- 1 **SilentComfort™ Technology**
Patent pending burner sound enclosure and extra cabinet insulation reduces operating sound levels.
- 2 **Lennox Duralok Plus® Heat Exchanger Assembly**
Lennox developed heat exchanger assembly consists of primary heat exchanger and secondary condenser coil assembly.
Main 3-pass crimped seam design clamshell type heat exchanger.
Constructed of heavy-gauge, aluminized steel.
Designed for normal expansion and contraction with maximum efficiency and minimum resistance to air flow.
- 3 **Secondary heat exchanger condenser coil constructed of aluminum fins fitted to stainless steel tubes.**
Coil is factory tested for leaks.
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 Header Box

Header box on end of condenser coil collects flue condensate for disposal through condensate collars.
Hose connects the header box drains to the condensate collars.
The condensate collars are located on each side of the cabinet for easy field installation of condensate drain trap. Only one collar is used, the remainder stay plugged.
Condensate drain trap is included with the unit for field installation.

Lennox Designed Flue Condensate Trap Assembly

Condensate trap assembly is mounted outside the conditioned air stream.
Assembly can be mounted on either side of cabinet in up-flow and down-flow applications. Assembly is mounted on the bottom of the cabinet in horizontal applications. See Installation Instructions.
Connection can be made with field provided 1/2 in. PVC pipe, 3/4 in. PVC coupling, or 1-1/4 in. OD x 1 in. ID vinyl tubing with hose clamp.
Optional Condensate Trap Alternate Location Kit allows condensate drain to be installed on the opposite side of the furnace from the exhaust venting (up-flow applications only).
Easy to clean and winterize.

- 4 **Inshot Burners**
Aluminized steel inshot burners provide efficient, trouble-free operation.
Burner venturi mixes air and gas in correct proportion for proper combustion.
Burner assembly is removable from the unit as a single component for ease of service.
- 5 **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.

Flame Rollout Switch

Manual reset switches are factory installed on burner box.
Switch provides protection from abnormal operating conditions.

SureLight® Hot Surface Ignitor

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.

- 6 **Combustion Air Inducer**
PSC, heavy-duty blower prepurges heat exchanger and safely vents flue products.
- 7 **Pressure switches prove blower operation before allowing gas valve to open.**
Operates only during heating cycle.

Limit Controls

Automatic reset, primary and secondary limits are accurately located.
Primary limit factory installed on vestibule panel on all units, secondary limit factory installed on blower housing.

OPTIONS

High Altitude Orifice Kit - Natural Gas Only

Required for all natural gas models for proper unit operation at altitudes of 7501 to 10,000 feet (2286 to 3048 m).
Proper orifice for LPG/Propane models is included with LPG/Propane Conversion Kit.

High Altitude Pressure Switch Kit

Required on certain units for proper unit operation on installations above 4,500 ft. (1372 m).
Order two per unit.

LPG/Propane Conversion Kit

Required for field changeover from natural gas to LPG/Propane.

Natural Gas Conversion Kit

Required for field changeover from LPG/Propane to natural gas.

BLOWER

Variable Speed Direct Drive Blower

Each blower assembly statically and dynamically balanced.
Change in blower speed is easily accomplished by simple DIP switch change on SureLight® Integrated Furnace Two Stage / Variable Speed Blower Control.
See Blower Performance tables.
Blower assembly easily removed for servicing

- 8 **Variable Speed Blower Motor**
Variable speed motor maintains specified air volume from 0 though 0.80 in. w.g. (0 through 200 Pa) static range.
Motor is controlled by SureLight® Integrated Furnace Two Stage / Variable Speed Blower Control.
Motor is resiliently mounted. When furnaces are used with Harmony Zone III™ Control System, blower motor operates from predetermined minimum - maximum air volumes to satisfy zone requirements.

FILTER (NOT FURNISHED)

Filter and provisions for external mounting must be field provided.

OPTIONS

Air Filter and Rack Kit for Horizontal Return Air (End) Applications

Washable or vacuum cleanable polyurethane frame type filter and external end return air rack available for field installation.
Rack has filter door for easy filter servicing.
Flanges on rack allow easy duct connection.
See dimension drawing.

Air Filter and Rack Kit for Side Return Air Applications (Not for use with RAB Return Air Base)

Washable or vacuum cleanable polyurethane frame type filter and external side return air rack available for field installation.
Available in single and ten pack kits.
Rack has filter door for easy filter servicing.
Flanges on rack allow easy duct connection.
Field installs on either side of unit cabinet.
See dimension drawing.

EZ Filter Base for Bottom Return Air Applications

Hinged door with thumbscrew for easy filter access.
Uses standard size filters (field provided).

FEATURES

CONTROLS

10 SureLight® Integrated Two Stage / Variable Speed Blower Control

Solid-state board contains all necessary controls and relays to operate furnace.

Combustion air inducer is controlled by board. Prior to ignition, a pre-purge cycle for 15 seconds is initiated. After the main burners are turned off, a post-purge cycle for 5 seconds is run. Adaptive technology of ignition control board continuously monitors and adjusts the ignitor power to operate at minimum ignitor temperature required for ignition, prolonging ignitor life. Electronic flame sensor assures safe and reliable operation. Should flame fail to ignite, flame sensor will initiate 4 re-attempts at 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.

Jumper settings for single or two stage thermostat operation.

Two selectable 2nd stage recognition times (10 and 15 minutes) are available on the board when the furnace is used with a single stage thermostat. When used with a two stage thermostat, furnace will only initiate second stage operation with a second stage thermostat demand.

Two LED's indicate heating status and aid in troubleshooting.

11 Two accessory terminals furnished for additional power supply requirements for 120 volt (less than 1 amp) power humidifiers and powered air cleaners.

Control interfaces variable speed motor with thermostat and optional CCB1 humidity control.

Two blower speeds - second stage heat and second stage cool (with four air volume selections for each) are selected by DIP switches on board. Heat speed can be adjusted to optimize discharge temperature. Cool speed can be adjusted to correct optional cooling capacity. See Blower Performance tables.

First stage blower speed is a percentage of second stage speed. The ADJUST switch (DIP) allows normal (NORM), 10% higher (+ plus) or 10% lower (— minus) motor speed selection within HEAT and COOL speeds selected for fine tuning air volume. DELAY switch (DIP) allows one of four de-humidification profiles during cooling mode.

Profile A - Motor runs at 50% for 30 seconds, then at 82% for 7-1/2 minutes, then at 100% (if needed) until demand is satisfied. Once demand is met, motor runs at 50% for 30 seconds, then ramps down to stop.

Profile B - Motor runs at 82% for 7-1/2 minutes and then at 100% (if needed) until demand is satisfied. Once demand is met, motor ramps down to stop.

Profile C - Motor runs at 100% until demand is satisfied. Once demand is met, motor runs at 100% for 60 seconds, then ramps down to stop.

Profile D - Motor runs at 100% until demand is satisfied. Once demand is met, motor ramps down to stop.

In heat mode, blower on time is fixed at 45 seconds, blower off time is adjustable from 60, 90, 120 and 180 seconds (factory setting - 90 seconds).

Control has four status lights (CFM, ON/OFF, HTG BLOWER, HI/LOW) to assist in servicing.

For air-conditioning applications, blower on time is 2 seconds following thermostat demand for cooling.

Board controls evaporator humidity by controlling blower and compressor speed on two stage outdoor units when used with Lennox SignatureStat.

Control is factory installed in the unit control box.

12 24 Volt Transformer

Furnished and factory installed in control box. 40VA transformer has circuit breaker wired in series.

13 Field Wiring Make-up Box

Furnished for line voltage wiring.

Factory installed internally on left side of furnace.

Box may be installed internally or externally on either side of furnace.

OPTIONS

SignatureStat™ Home Comfort Control

Combination temperature and humidity control in cooling mode.

2 Heat/2 Cool

Auto-changeover

Controls humidity during cooling operation.

Easy-to-use, menu

driven thermostat with a back-lit, dot-matrix LCD screen.

Remote outdoor sensor (furnished) allows the thermostat to display outdoor temperature and adjust indoor dewpoint temperature for precision humidity control in cooling mode.

See the SignatureStat Engineering Handbook bulletin in the Controls section for more information.

Thermostat

See Thermostat bulletins in Controls section and Lennox Price Book for a complete list of thermostats.



FEATURES

CABINET

Low-profile, narrow width cabinet allows easy installation in up-flow, down-flow or horizontal applications.
Heavy-gauge, cold rolled steel construction.
Pre-painted cabinet finish.

Flanges provided on supply air opening for ease of plenum connection or alignment with indoor coil.

- 14 Fully insulated cabinet with foil faced insulation on sides and back of heating compartment and mat faced insulation in blower compartment.
Complete service access.
- 15 Tool-less latches on blower and burner doors assure positive lock. Safety interlock switch automatically shuts off power to unit when blower compartment access door is removed.
- 16 Gas piping and electrical inlets are provided in both sides of cabinet.

Return Air Entry:

For bottom/end return-air entry for up-flow/horizontal applications, remove furnished bottom seal panel from cabinet. For side return-air entry (up-flow applications only), corners are marked on either side of cabinet for return air cut-outs.

On furnaces with side return air and condensate trap on the same side of the cabinet, a field fabricated transition or RAB is required when using an IAQ product higher than 14-3/16 in. (360 mm) installed next to the unit and serviced from the front. IAQ products higher than 20 in. (508 mm) require a field fabricated transition. See dimension drawings.

NOTE - 60C and 60D size units that require air volumes over 1800 cfm (850 L/s) must have one of the following:

1. Single side return air with transition, to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) cleanable air filter, required to maintain proper air velocity.
2. Single side return air with optional RAB Return Air Base.
3. Bottom return air.
4. Return air from both sides.
5. Bottom and one side return air.

See Blower Performance Tables for additional information.

Coil Match-up

All furnaces exactly match C33 and CX34 cased up-flow indoor coils and CH33 horizontal indoor coils with same letter designation in model number. No adaptor required. Engaging holes furnished on cabinet for alignment.

C33 uncased coils match furnaces without any overhang but require an optional adaptor base or field fabricated transition to match furnace opening. See C33 coil bulletin for additional information.

All furnaces exactly match CR26 cased, down-flow indoor coils with adaptor rails, furnished with coil.

HIGH ALTITUDE INFORMATION

Pressure regulator adjustment may be required depending on altitude. See below for proper pressure regulator setting.

Fuel	Altitude - ft. (m)	Manifold Pressure (Outlet) in. w.g. (kPa)	
		High Fire	Low Fire
Natural	0-4500 (0-1372)	3.5 (0.87)	1.7 (0.42)
	4501-7500 (1373-2286)	² 3.5 (0.87)	1.7 (0.42)
	7501-10,000 (2287-3048)	^{1, 2} 3.5 (0.87)	1.7 (0.42)
³ LPG Propane	0-4500 (0-1372)	10.0 (2.49)	4.9 (1.22)
	4501-7500 (1373-2286)	² 10.0 (2.49)	4.9 (1.22)
	7501-10,000 (2287-3048)	² 10.0 (2.49)	4.9 (1.22)

¹ High Altitude Orifice Kit required, see Specifications table for order number.

² High Altitude Pressure Switch Kits required for certain models, see Specifications table for order number.

³ LPG/Propane conversion kit required, see Specifications table for order number.

OPTIONS

Condensate Drain Heat Cable Kits

Self-limiting wattage heat cable prevents condensate drain from freezing in unconditioned areas.

Available in 6, 24 or 50 ft. (1.8, 7.3, or 15.2 m) lengths.

Heat Cable Tape:

66 ft. (20 m) length, 1/2 in. (13 mm) wide fiberglass.

60 ft. (18 m) length, 2 in. (51 mm) wide aluminum foil.

Condensate Trap Alternate Location Kit

Allows condensate drain to be installed on the opposite side of the furnace from the exhaust venting (up-flow applications only).

Down-Flow Additive Base

Required for heating only units installed on combustible floors.

Not required in add-on cooling applications.

See Dimension Drawing.

Horizontal Support Frame Kit

Provides support of unit in horizontal applications.

Consists of (2) 1 x 1-1/2 x 32-5/8 in. (25 x 38 x 829 mm) and (2) 1 x 3 x 53-7/8 in. (25 x 76 x 1368 mm) painted, heavy-gauge cold rolled steel support channels with assembly and suspending holes. Bolts and nuts furnished for field assembly. Suspending rods must be field provided.

RAB Return Air Base

On furnaces with side return air and condensate trap on the same side of the cabinet, a field fabricated transition or RAB is required when using an IAQ product higher than 14-3/16 in. (360 mm) installed next to the unit and serviced from the front. IAQ products higher than 20 in. (508 mm) require a field fabricated transition.

Must be used for 60C and 60D models with air volumes over 1800 cfm (850 L/s) in up-flow applications when only one side return is required.

Cabinet is pre-painted steel to match the furnace.

See Dimension Drawing.

FILTER AIR RESISTANCE

For 1 Inch (25 mm) Cleanable Filter (Field Provided)

cfm	L/s	in. w.g.	Pa
0	0	0.00	0
200	95	0.01	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

SPECIFICATIONS

		Model No.	G61MPV-36B-045	G61MPV-36B-070	G61MPV-36C-090
Gas Heating Performance	High Fire	Input - Btuh (kW)	44,000 (12.9)	66,000 (19.3)	88,000 (25.8)
		Output - Btuh (kW)	39,000 (11.4)	61,000 (17.9)	79,000 (23.1)
		Temperature rise range - °F (°C)	20 - 50 (12 - 30)	45 - 75 (25 - 42)	70 - 100 (39 - 56)
	Low Fire	Input - Btuh (kW)	30,000 (8.8)	45,000 (13.2)	60,000 (17.6)
		Output - Btuh (kW)	29,000 (8.5)	43,000 (12.6)	57,000 (16.7)
		Temperature rise range - °F (°C)	10 - 40 (6 - 24)	25 - 55 (14 - 31)	35 - 65 (19 - 36)
		¹ AFUE	94.1%	94.1%	94.3%
		High static (CSA) - in. w.g. (Pa)	.80 (199)	.80 (199)	.80 (199)
Connections in.	Intake / Exhaust Pipe (PVC)		2 / 2	2 / 2	2 / 2
	Condensate Drain Trap (PVC pipe) - i.d.		1/2	1/2	1/2
	with field supplied (PVC coupling) - o.d.		3/4	3/4	3/4
	hose with hose clamp - i.d. x o.d.		1-1/4 x 1	1-1/4 x 1	1-1/4 x 1
	Gas pipe size IPS		1/2	1/2	1/2
Indoor Blower	Wheel nominal diameter x width - in. (mm)		10 x 8 (254 x 203)	10 x 8 (254 x 203)	10 x 10 (254 x 254)
	Motor output - hp (W)		1/2 (373)	1/2 (373)	1/2 (373)
	Tons (kW) of add-on cooling		2 - 3 (7 - 10.5)	2 - 3.5 (7 - 12.3)	2 - 3.5 (7 - 12.3)
	Air volume range - cfm (L/s)		610 - 1420 (290 - 670)	625 - 1395 (295 - 660)	600 - 1395 (285 - 660)
Shipping Data		lbs. (kg) - 1 package	128 (58)	151 (68)	170 (77)
Electrical characteristics			120 volts - 60 hertz - 1 phase (less than 12 amps)		

SPECIFICATIONS

		Model No.	G61MPV-60C-090	G61MPV-60C-110	G61MPV-60D-135
Gas Heating Performance	High Fire	Input - Btuh (kW)	88,000 (25.8)	110,000 (32.2)	132,000 (38.7)
		Output - Btuh (kW)	82,000 (24.0)	99,000 (29.0)	122,000 (35.7)
		Temperature rise range - °F (°C)	40 - 70 (22 - 39)	50 - 80 (28 - 44)	65 - 95 (36 - 53)
	Low Fire	Input - Btuh (kW)	60,000 (17.6)	75,000 (22.0)	90,000 (26.4)
		Output - Btuh (kW)	55,000 (16.1)	72,000 (21.1)	87,000 (25.5)
		Temperature rise range - °F (°C)	20 - 50 (11 - 28)	30 - 60 (17 - 33)	40 - 70 (22 - 39)
		¹ AFUE	94.6%	94.3%	94.6%
		High static (CSA) - in. w.g. (Pa)	.80 (199)	.80 (199)	.80 (199)
Connections in.	Intake / Exhaust Pipe (PVC)		2 / 2	2 / 2	3 / 3
	Condensate Drain Trap (PVC pipe) - i.d.		1/2	1/2	1/2
	with field supplied (PVC coupling) - o.d.		3/4	3/4	3/4
	hose with hose clamp - i.d. x o.d.		1-1/4 x 1	1-1/4 x 1	1-1/4 x 1
	Gas pipe size IPS		1/2	1/2	1/2
Indoor Blower	Wheel nominal diameter x width - in. (mm)		11-1/2 x 10 (292 x 229)	11-1/2 x 10 (292 x 229)	11-1/2 x 10 (292 x 229)
	Motor output - hp (W)		1 (746)	1 (746)	1 (746)
	Tons (kW) of add-on cooling		3.5 - 5 (12.3 - 17.5)	3.5 - 5 (12.3 - 17.5)	3.5 - 5 (12.3 - 17.5)
	Air volume range - cfm (L/s)		895 - 2215 (420 - 1045)	740 - 2210 (350 - 1045)	915 - 2190 (430 - 1035)
Shipping Data		lbs. (kg) - 1 package	180 (82)	188 (85)	207 (94)
Electrical characteristics			120 volts - 60 hertz - 1 phase (less than 12 amps)		

NOTE - Filters and provisions for mounting are not furnished and must be field provided.

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

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

			"B" Width Models	"C" Width Models	"D" Width Models
FILTER KITS					
¹ Air Filter and Rack Kit	Horizontal (end)	Size of filter - in. (mm)	87L96 - 18 x 25 x 1 (457 x 635 x 25)	87L97 - 20 x 25 x 1 (508 x 635 x 25)	87L98 - 25 x 25 x 1 (635 x 635 x 25)
	Side Return	Single	44J22	44J22	44J22
		Ten Pack	66K63	66K63	66K63
		Size of filter - in. (mm)	16 x 25 x 1 (406 x 635 x 25)	16 x 25 x 1 (406 x 635 x 25)	16 x 25 x 1 (406 x 635 x 25)
EZ Filter Base	Catalog No. - Ship. Wt. - lbs. (kg)		73P56 - 7 (3)	73P57 - 8 (4)	73P58 - 10 (5)
	Size of field provided filter - in. (mm)		16 x 25 x 1 (406 x 635 x 25)	20 x 25 x 1 (508 x 635 x 25)	24 x 24 x 1 (610 x 610 x 25)

CABINET ACCESSORIES

Down-Flow Additive Base	11M60	11M61	11M62
Horizontal Support Frame Kit	56J18	56J18	56J18
Return Air Base	76M88	74M74	74M75

CONDENSATE DRAIN KITS

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
Heat Cable Tape	Fiberglass - 1/2 in. x 66 ft.	39G04	39G04	39G04
	Aluminum foil - 2 in. x 60 ft.	39G03	39G03	39G03
Condensate Trap Alternate Location Kit - Up-Flow Only		76M20	76M20	76M20

CONTROLS

SignatureStat™ Home Comfort Control	81M27	81M27	81M27
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TERMINATION KITS - See Installation Instructions for specific venting information.

⁴ Termination Kits Direct Vent Applications Only	Concentric	1-1/2 in. (38 mm)	71M80	---	---
		2 in. (51 mm)	---	69M29	---
		3 in. (76 mm)	---	60L46	60L46
	Wall - Close Couple	2 in. (51 mm)	22G44	---	---
		3 in. (76 mm)	44J40	44J40	44J40
		Close Couple WTK	2 in. (51 mm)	30G28	---
3 in. (76 mm)	81J20		81J20	81J20	
^{2, 4} Termination Kits - Direct or Non-Direct Vent	Roof	2 in. (51 mm)	15F75	15F75	---
	Wall - Wall Ring Kit	2 in (51 mm)	15F74	15F74	³ 15F74
⁴ Roof Termination Flashing Kit - Direct or Non-Direct Vent - Contains two flashings.			44J41	44J41	44J41

¹ Cleanable polyurethane frame type filter.

² Kits contain enough parts for two, non-direct vent installations.

³ Non-direct vent only.

GAS HEAT ACCESSORIES

Input	¹ High Altitude Orifice Kit Natural Gas Only	² High Altitude Pressure Switch Kit		LPG/Propane Kit		³ LPG/Propane to Natural Gas Kit
		4501-7500 ft. (1372-2286 m)	7501-10,000 ft. (2286-3048 m)	0-7500 ft. (0-2286 m)	7501-10,000 ft. (2286-3048 m)	
-045	59M16	---	---	59M13	59M14	59M87
-070	59M16	---	56M23	59M13	59M14	59M87
-090	59M16	75M22	56M21	59M13	59M14	59M87
-110	59M16	56M23	75M22	59M13	59M14	59M87
-135	59M16	56M93	56M93	59M13	59M14	59M87

¹ Required for proper operation at altitudes from 7501 to 10,000 ft. (2286 to 3048 m).

² Order two each.

³ For applications from 7501-10,000 ft. (2286 - 3048 m), High Altitude Orifice Kit must be ordered separately.

EXHAUST PIPE VENTING TABLE

Altitude	Vent Pipe Diameter	¹ Maximum Equivalent Vent Length - ft. (m)				
		G61MPV-36B-045	G61MPV-36B-070	G61MPV-48C-090 G61MPV-60C-090	² G61MPV-48C-110 ² G61MPV-60C-110	³ G61MPV-60D-135
0 - 4500 ft. (0 - 1371 m)	2 in.	59 (18)	59 (18)	26 (7.9)	not allowed	not allowed
	2-1/2 in.	65 (19.8)	65 (19.8)	42 (12.8)	32 (9.8)	not allowed
	3 in.	77 (23.5)	78 (23.8)	72 (21.9)	72 (21.9)	⁴ 61 (18.6)
	4 in.	234 (71.3)	214 (65.2)	204 (62.2)	179 (54.6)	160 (48.8)
4501 - 10,000 ft. (1372 - 3048 m)	2 in.	59 (18)	59 (18)	26 (7.9)	not allowed	not allowed
	2-1/2 in.	65 (19.8)	65 (19.8)	42 (12.8)	32 (9.8)	not allowed
	3 in.	77 (23.5)	78 (23.8)	72 (21.9)	72 (21.9)	⁴ 46 (14.0)
	4 in.	234 (71.3)	214 (65.2)	204 (62.2)	179 (54.6)	160 (48.8)

NOTE - Minimum Equivalent Vent Pipe length is 15 feet (4.6 m).

¹ "Maximum Equivalent Vent Length" permitted is defined as "Total Length (linear feet) of vent pipe, plus equivalent length (ft.) of fittings, plus equivalent length (ft.) of termination".

² 110 models installed in up-flow or down-flow applications must have the supplied 90° street ell installed directly into the unit flue collar. The street ell must be included in the elbow count.

³ 135 models installed in up-flow or down-flow applications must have 3 in. to 2 in. reducing elbow (supplied) installed directly into the flue collar. Reducing ell must be included in elbow count.

⁴ 90° elbows must be limited to sweep type elbows.

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.

Wall and roof termination (non-concentric) exhaust pipe must terminate with reducer to improve exhaust velocity away from intake piping.

045 and 070 - 2, 2-1/2, 3 or 4 in. - terminate with 1-1/2 in. pipe

090 - 2, 2-1/2, 3 or 4 in. - terminate with 2 in. pipe

110 - 2-1/2, 3 or 4 in. - terminate with 2 in. pipe

135 - 3 or 4 in. - terminate with 2 in. pipe

TERMINATION KITS - EQUIVALENT VENT LENGTHS

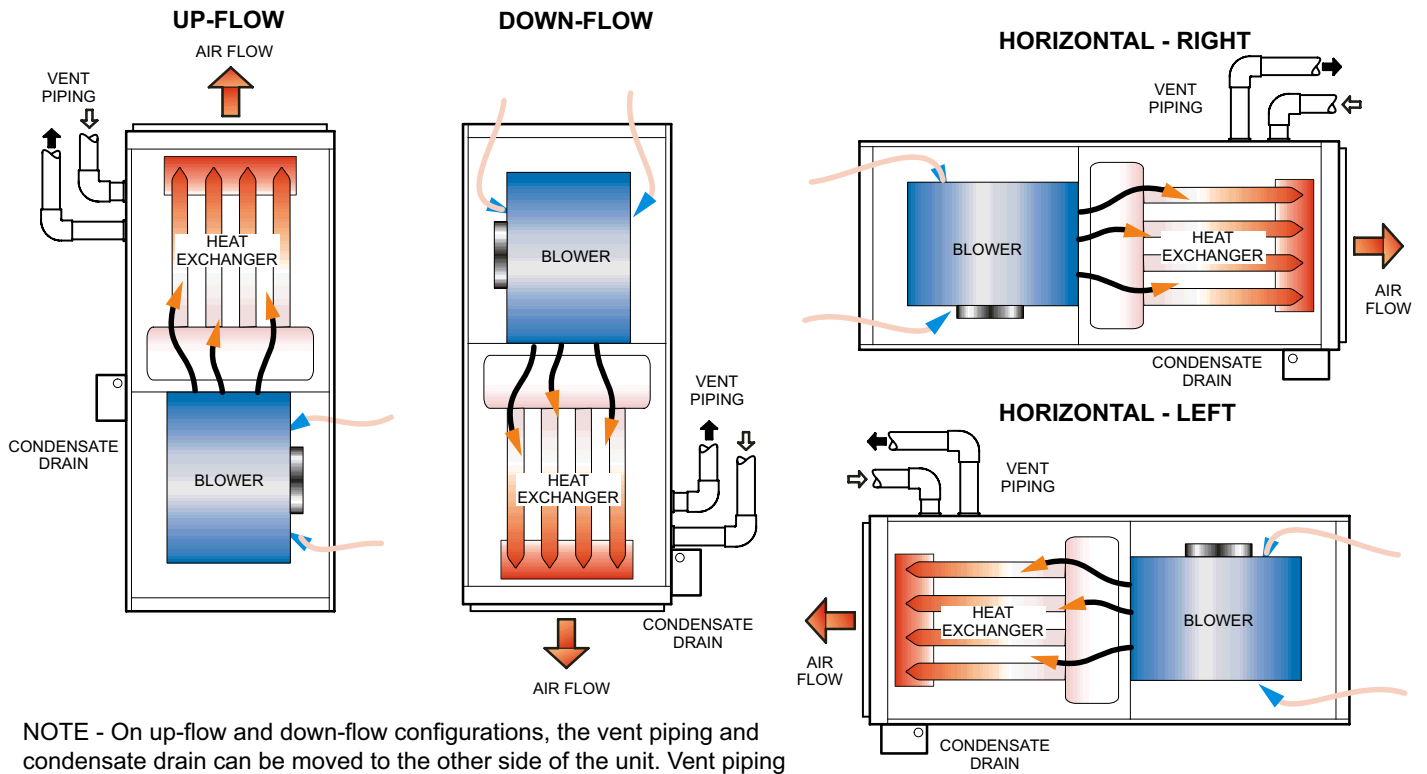
Heat Size	Vent Pipe Diameter		Vent Pipe Equivalent Length - ft. (m)							
			Concentric Kits			Close Couple Kits		Wall Ring Kit	Outdoor Exhaust Accelerator (Diameter X Length)	
			1-1/2 in. (38 mm)	2 in. (51 mm)	3 in. (76 mm)	2 in. (51 mm)	3 in. (76 mm)	2 in. (51 mm)	1-1/2 x 12 in. (38 x 305 mm)	2 x 12 in. (51 x 305 mm)
in.	mm	71M80	69M29	60L46	22G44 30G28 (WTK)	44J40 81J20 (WTK)	15F74	---	---	
-045	2	51	12 (3.6)	not allowed	not allowed	4 (1.2)	¹ 4 (1.2)	4 (1.2)	4 (1.2)	not allowed
	2-1/2	64	15 (4.6)	not allowed	not allowed	5 (1.5)	¹ 5 (1.5)	5 (1.5)	5 (1.5)	not allowed
	3	76	21 (6.4)	not allowed	not allowed	7 (2.1)	¹ 7 (2.1)	7 (2.1)	7 (2.1)	not allowed
	4	102	42 (12.8)	not allowed	not allowed	14 (4.3)	¹ 14 (4.3)	14 (4.3)	14 (4.3)	not allowed
-070	2	51	12 (3.6)	not allowed	not allowed	4 (1.2)	¹ 4 (1.2)	4 (1.2)	4 (1.2)	not allowed
	2-1/2	64	15 (4.6)	not allowed	not allowed	5 (1.5)	¹ 5 (1.5)	5 (1.5)	5 (1.5)	not allowed
	3	76	24 (7.3)	not allowed	not allowed	8 (2.4)	¹ 8 (2.4)	8 (2.4)	8 (2.4)	not allowed
	4	102	42 (12.8)	not allowed	not allowed	14 (4.3)	¹ 14 (4.3)	14 (4.3)	14 (4.3)	not allowed
-090	2	51	not allowed	3 (1)	3 (1)	not allowed	1 (0.3)	² 1 (0.3)	not allowed	1 (0.3)
	2-1/2	64	not allowed	6 (1.8)	6 (1.8)	not allowed	2 (0.6)	² 2 (0.6)	not allowed	2 (0.6)
	3	76	not allowed	6 (1.8)	6 (1.8)	not allowed	2 (0.6)	² 2 (0.6)	not allowed	2 (0.6)
	4	102	not allowed	12 (3.7)	12 (3.7)	not allowed	4 (1.2)	² 4 (1.2)	not allowed	4 (1.2)
-110	2	51	not allowed	3 (1)	3 (1)	not allowed	1 (0.3)	² 1 (0.3)	not allowed	1 (0.3)
	2-1/2	64	not allowed	6 (1.8)	6 (1.8)	not allowed	2 (0.6)	³ 2 (0.6)	not allowed	2 (0.6)
	3	76	not allowed	6 (1.8)	6 (1.8)	not allowed	2 (0.6)	³ 2 (0.6)	not allowed	2 (0.6)
	4	102	not allowed	12 (3.7)	12 (3.7)	not allowed	4 (1.2)	³ 4 (1.2)	not allowed	4 (1.2)
-135	3	76	not allowed	not allowed	15 (4.6)	not allowed	6 (1.8)	³ 6 (1.8)	not allowed	6 (1.8)
	4	102	not allowed	not allowed	25 (7.6)	not allowed	10 (3.0)	³ 10 (3.0)	not allowed	10 (3.0)

¹ Requires field provided 1-1/2 in. (38 mm) outdoor exhaust accelerator.

² Requires field provided 2 in. (51 mm) outdoor exhaust accelerator.

³ For use only in non-direct vent applications, when snow riser is not required. Requires field provided 2 in. (51 mm) outdoor exhaust accelerator.

INSTALLATION CONFIGURATIONS



NOTE - On up-flow and down-flow configurations, the vent piping and condensate drain can be moved to the other side of the unit. Vent piping and drain must be installed on the same side of the unit with each other unless optional Condensate Trap Alternate Location Kit (up-flow only) is used. On horizontal installations the drain must be located at the bottom and the vent piping at the top.

INSTALLATION CLEARANCES

Sides	1 0 inches (0 mm)
Rear	0 inches (0 mm)
Top/Plenum	1 inch (25 mm)
Front	0 inches (0 mm)
Front (service/alcove)	24 inches (610 mm)
Floor	2 Combustible

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, & 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 .2.

¹ Allow proper clearances to accommodate condensate trap and vent pipe installation.

² Do not install the furnace directly on carpeting, tile, or other combustible materials other than wood flooring.

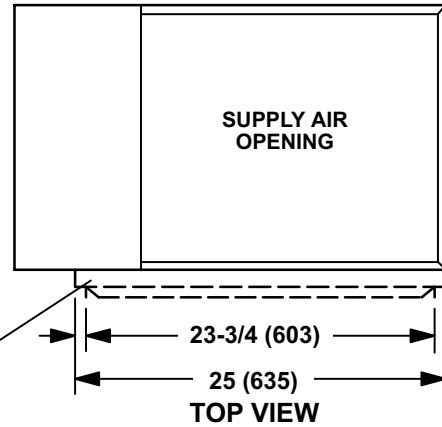
DIMENSIONS - INCHES (MM) UP-FLOW POSITION SHOWN

¹ NOTE - 60C and 60D size units that require air volumes over 1800 cfm (850 L/s) must have one of the following:

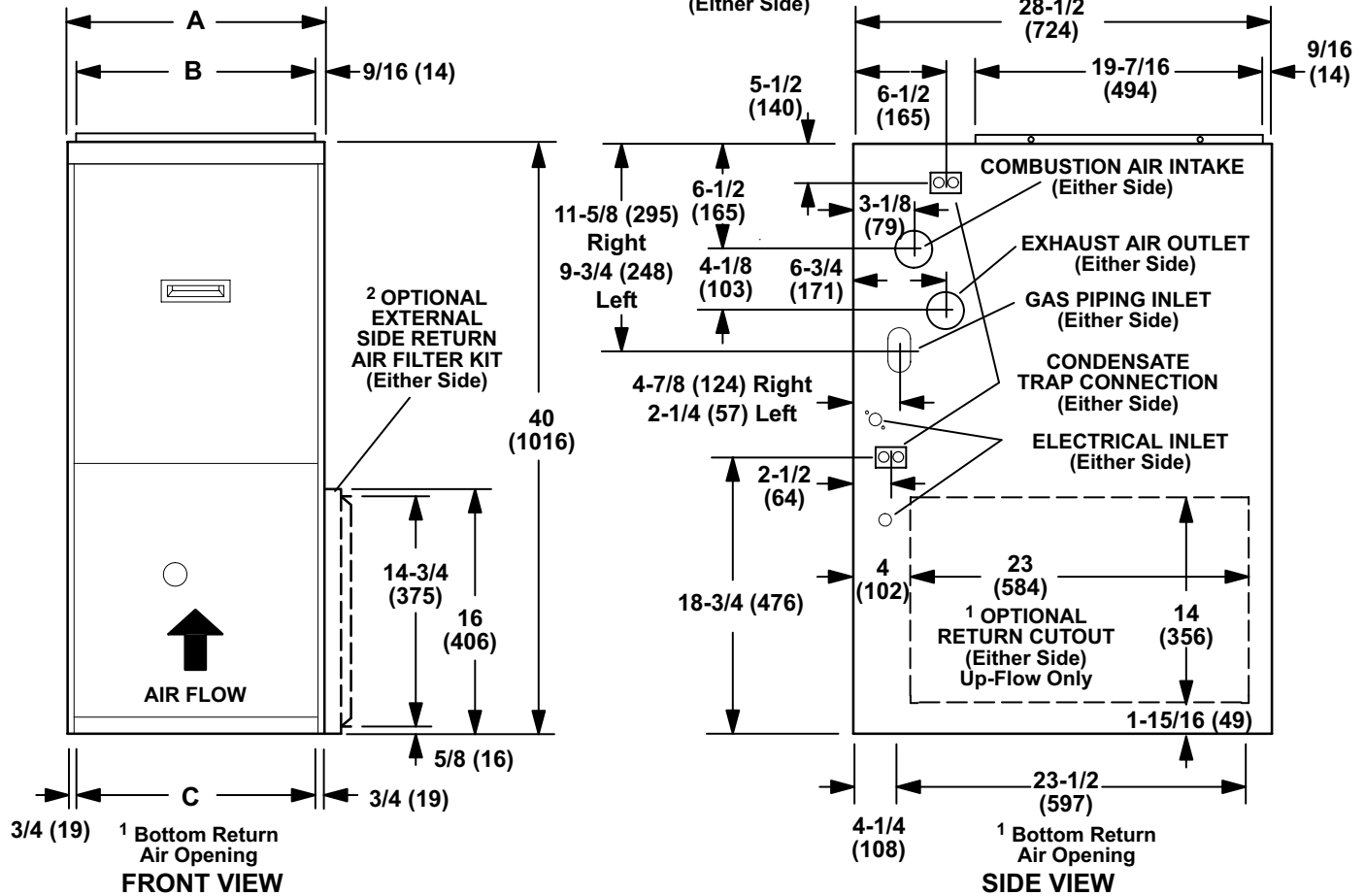
- a. Single side return air with transition, to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) air filter. Required to maintain proper air velocity.
- b. Single side return air with optional RAB Return Air Base
- c. Bottom return air.
- d. Return air from both sides.
- e. Bottom and one side return air.

See Blower Performance Tables for additional information.

² Optional External Side Return Air Filter Kit (Up-Flow Only) is not for use with the optional RAB Return Air Base.



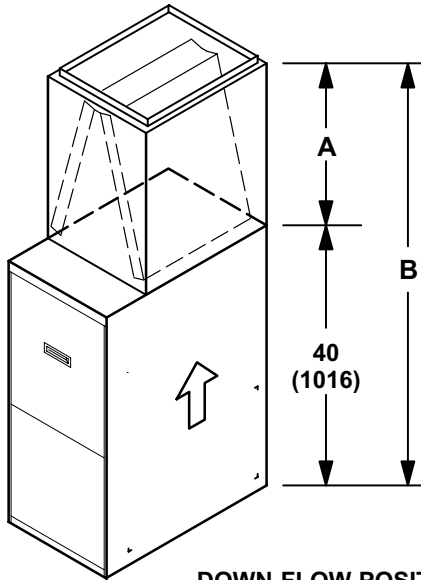
² OPTIONAL EXTERNAL SIDE RETURN AIR FILTER KIT (Either Side)



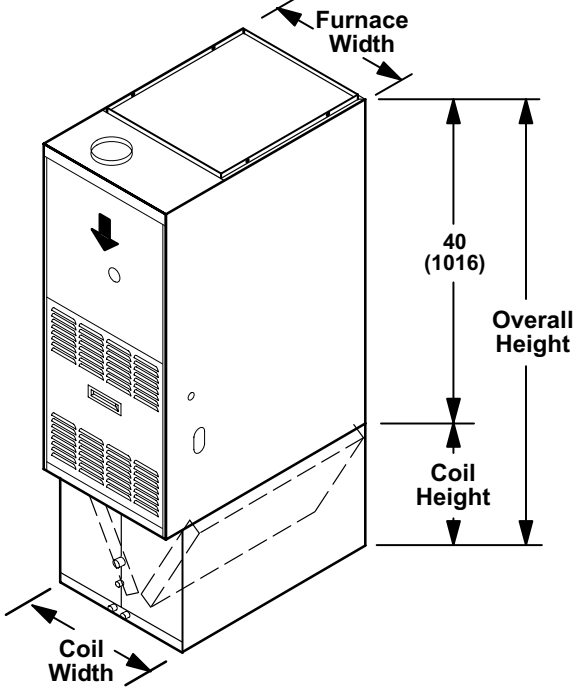
Model No.	A		B		C	
	in.	mm	in.	mm	in.	mm
G61MPV-36B-045 G61MPV-36B-070	17-1/2	446	16-3/8	416	16	406
G61MPV-36C-090 G61MPV-60C-090 G61MPV-60C-110	21	533	19-7/8	454	19-1/2	495
G61MPV-60D-135	24-1/2	622	23-3/8	546	23	584

DIMENSIONS - INCHES (MM) - FURNACE/COIL COMBINED DIMENSIONS

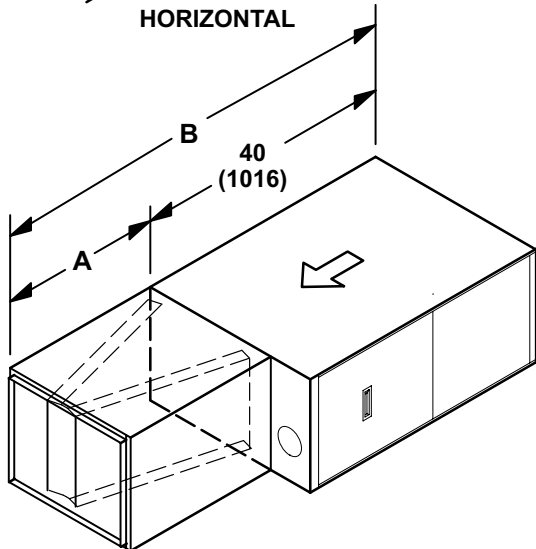
UP-FLOW POSITION



DOWN-FLOW POSITION



HORIZONTAL



UP-FLOW POSITION

Model No	Cased				Uncased (CX34 - cased only)			
	A		B		A		B	
	in.	mm	in.	mm	in.	mm	in.	mm
CX34-18/24B-6F C33-24B CX34-18/24C-6F C33-24C	16-1/2	419	56-1/2	1435	13-7/8	352	53-7/8	1368
CX34-25B-6F C33-25B	19-1/2	495	59-1/2	1511	15-7/8	403	55-7/8	1419
CX34-30B-6F C33-30B CX34-30C-6F C33-30C	20-1/2	521	60-1/2	1537	17-3/4	451	59-3/4	1467
CX34-31B-6F C33-31B	23-1/2	597	63-1/2	1613	20-1/4	514	60-1/4	1530
CX34-36B-6F C33-36B	24-1/2	622	64-1/2	1638	21-7/8	556	61-7/8	1572
CX34-36C-6F C33-36C	24-1/2	622	64-1/2	1638	21-1/4	540	61-1/4	1556
CX34-38B-6F C33-38B	24-1/2	622	64-1/2	1638	22	559	62	1575
CX34-42B-6F C33-42B	24-1/2	622	64-1/2	1638	21-7/8	556	61-7/8	1572
CX34-43B-6F C33-43B	28-1/2	724	68-1/2	1740	26-1/4	667	66-1/4	1683
CX34-43C-6F C33-43C	28-1/2	724	68-1/2	1740	25-3/4	654	65-3/4	1670
C33-44C	24-1/2	622	64-1/2	1638	21-1/2	546	61-1/2	1562
CX34-44/48B-6F C33-48B	24-1/2	622	64-1/2	1638	22-1/8	562	62-1/8	1578
CX34-44/48C-6F C33-48C	24-1/2	622	64-1/2	1638	21-1/2	546	61-1/2	1562
CX34-49C-6F C33-49C	30-1/2	775	70-1/2	1791	28-1/2	724	68-1/2	1740
CX34-50/60C-6F C33-50/60C	27-1/2	699	67-1/2	1715	24-3/4	629	64-3/4	1645
CX34-60D-6F C33-60D	25-1/2	648	65-1/2	1664	24-3/4	629	64-3/4	1645
CX34-62C-6F C33-62C	32-1/2	826	72-1/2	1842	30-5/8	778	70-5/8	1793
CX34-62D-6F C33-62D	29-1/2	749	69-1/2	1765	28-3/4	730	68-3/4	1746

DOWN-FLOW POSITION

Model Number	Coil Width		Furnace Width		Coil Height		Overall Height	
	in.	mm	in.	mm	in.	mm	in.	mm
CR33-24B-F	17-1/2	446	17-1/2	446	13-1/4	337	53-1/4	1353
CR33-30/36B-F	17-1/2	446	17-1/2	446	16-1/8	410	56-1/8	1426
CR33-30/36C-F	21	533	21	533	16-1/8	410	56-1/8	1426
CR33-48B-F	21	533	17-1/2	446	20	508	60	1524
CR33-48C-F	21	533	21	533	20	508	60	1524
CR33-50/60C-F	24-1/2	622	21	533	23-5/8	600	53-5/8	1362
CR33-60D-F	24-1/2	622	24-1/2	622	23-5/8	600	53-5/8	1362

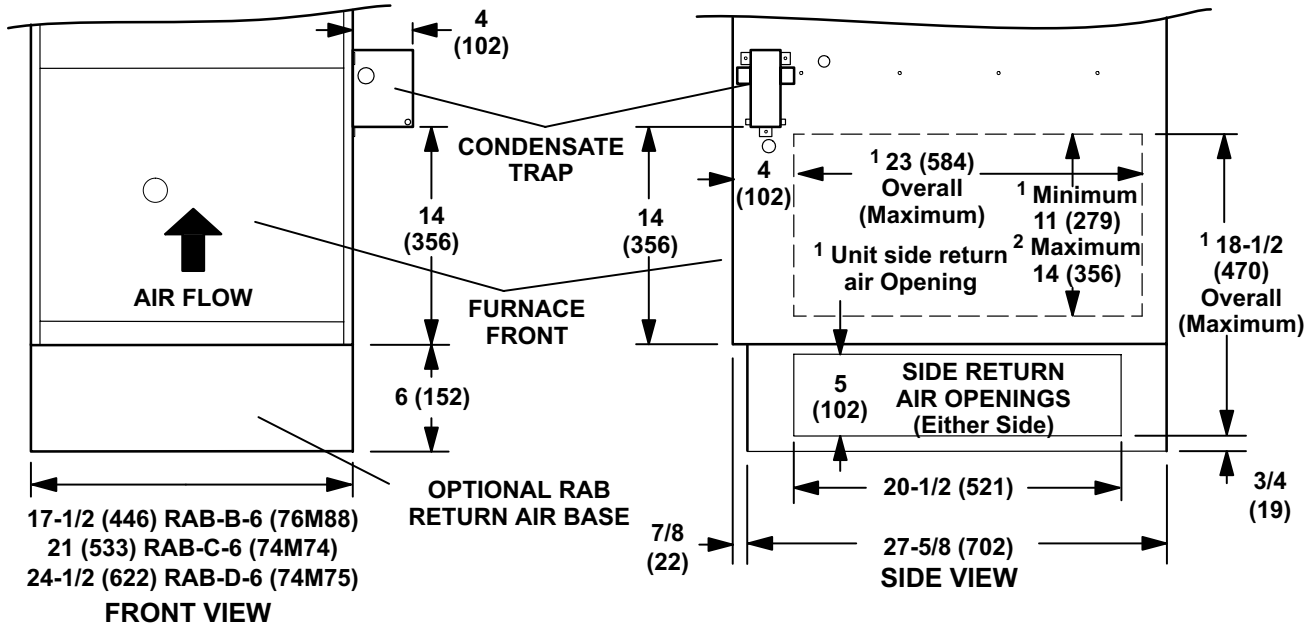
HORIZONTAL POSITION

Model Number	A		B	
	in.	mm	in.	mm
CH33-36B-2F CH33-36C-2F CH33-42B-2F CH33-48C-2F CH33-60D-2F	26-1/2	673	66-1/2	1689
CH33-44/48B-2F CH33-50/60C-2F	31-1/2	800	71-1/2	1816
CH33-62D-2F				

OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

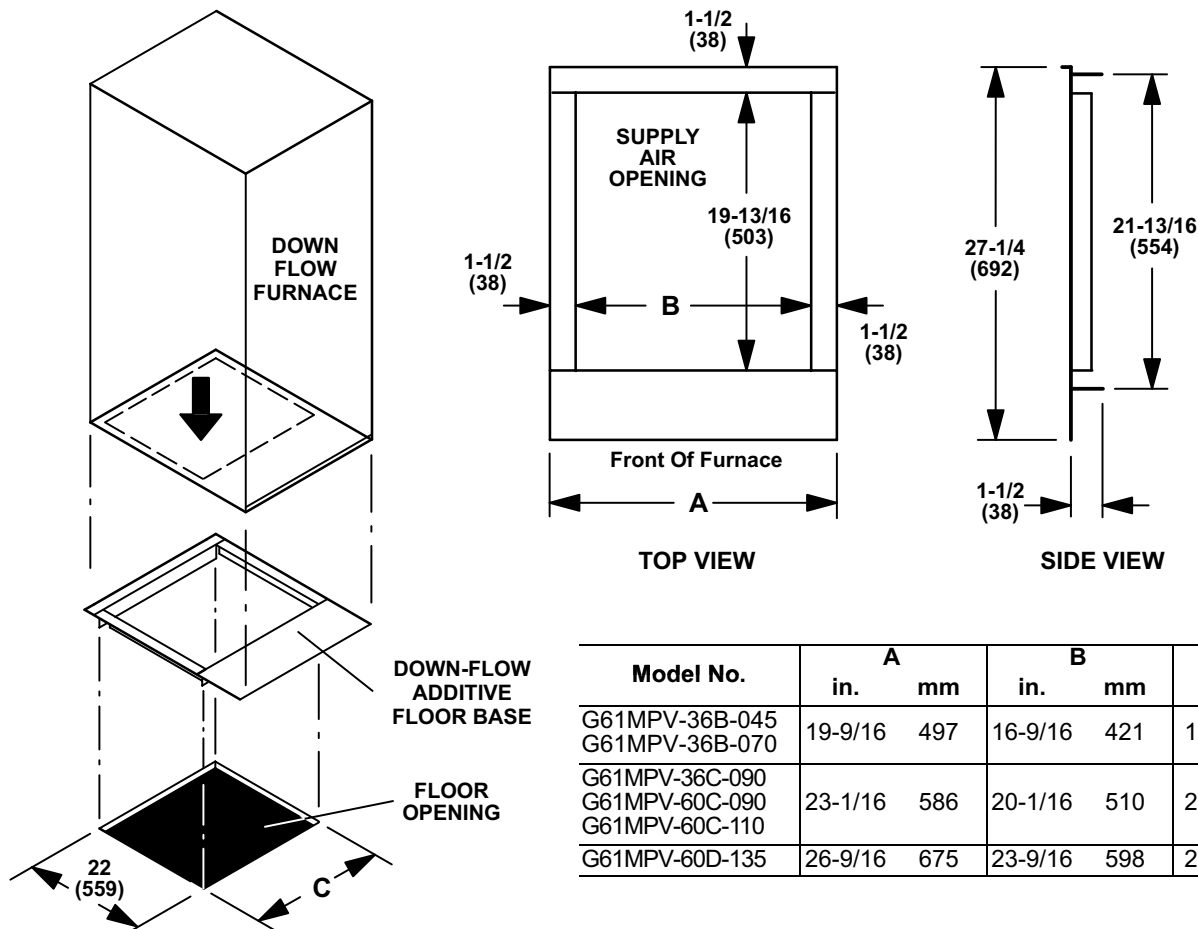
RAB RETURN AIR BASE (Up-Flow Applications Only)

For use with B, C, and D size furnaces only



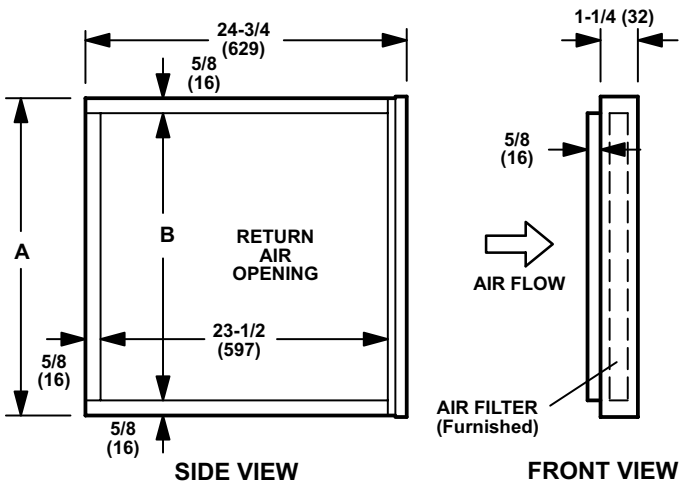
- ¹ Both the unit return air opening and the base return air opening must be covered by a single plenum or IAQ cabinet. Minimum unit side return air opening dimensions for units requiring 1800 cfm or more of air (W x H): 23 x 11 in. (584 x 279 mm). The opening can be cut as needed to accommodate plenum or IAQ cabinet while maintaining dimensions shown. Side return air openings must be cut in the field. There are cutting guides stenciled on the cabinet for the side return air opening. The size of the opening must not extend beyond the markings on the furnace cabinet.
- ² 14 inches (356 mm) is the maximum size the height of the unit opening can be cut. This may interfere with the condensate drain (if located on the same side of the unit as the opening). To minimize pressure drop, the largest opening height possible (up to 14 inches) is preferred.
- NOTE-** Optional Side Return Air Filter Kits are not for use with RAB Return Air Base.

DOWN-FLOW ADDITIVE FLOOR BASE



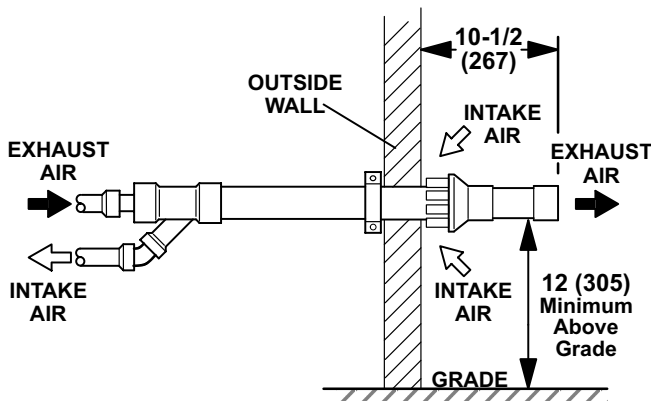
OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

HORIZONTAL FILTER KIT

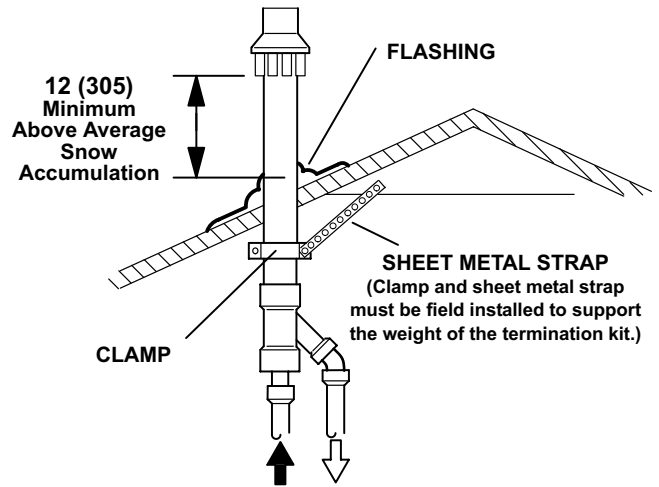


Catalog Number	A		B	
	inch	mm	inch	mm
87L96	18	457	16-3/4	425
87L97	21	533	18-3/4	476
87L98	25	635	23-3/4	603

CONCENTRIC WALL TERMINATION APPLICATIONS

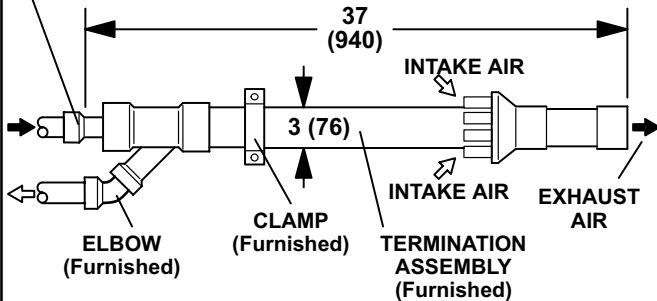


CONCENTRIC ROOF TERMINATION APPLICATIONS

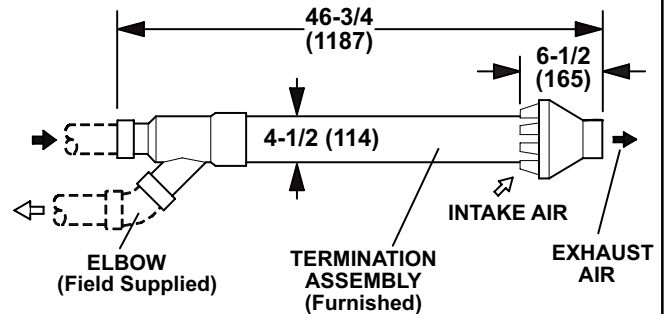


71M80 — 1-1/2 inch (38 mm)
 69M29 — 2 inch (51 mm)
 See Installation Instructions for specific usage.

2 x 1-1/2 in. (51 x 38 mm) 60G77
 3 x 2 in. (76 x 51 mm) 33K97
 REDUCER BUSHING (Furnished)



60L46 — 3 inch (76 mm)
 See Installation Instructions for specific usage.



OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

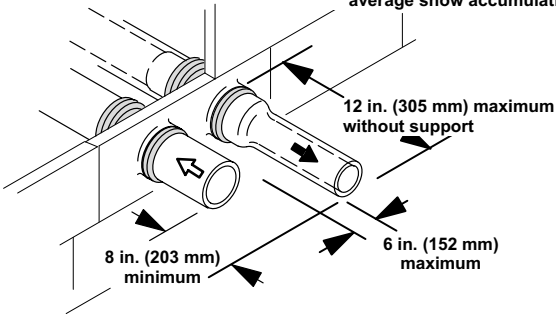
WALL ASSEMBLY TERMINATION KIT - RING KIT

15F74 - 2 inch (51 mm)

See Installation Instructions for specific usage.

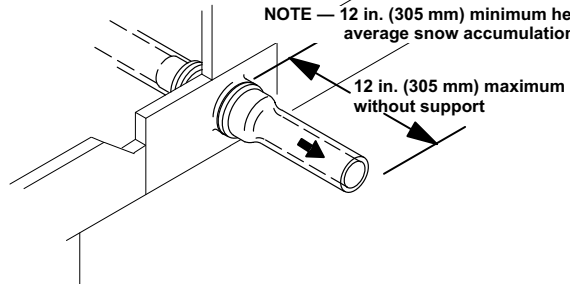
DIRECT VENT APPLICATION

NOTE - 12 in. (305 mm) minimum height above average snow accumulation.



NON-DIRECT VENT APPLICATION
NOTE — EXHAUST PIPE SHOWN
Kit Contains Enough Parts For Two Installations

NOTE — 12 in. (305 mm) minimum height above average snow accumulation.



DIRECT VENT APPLICATIONS

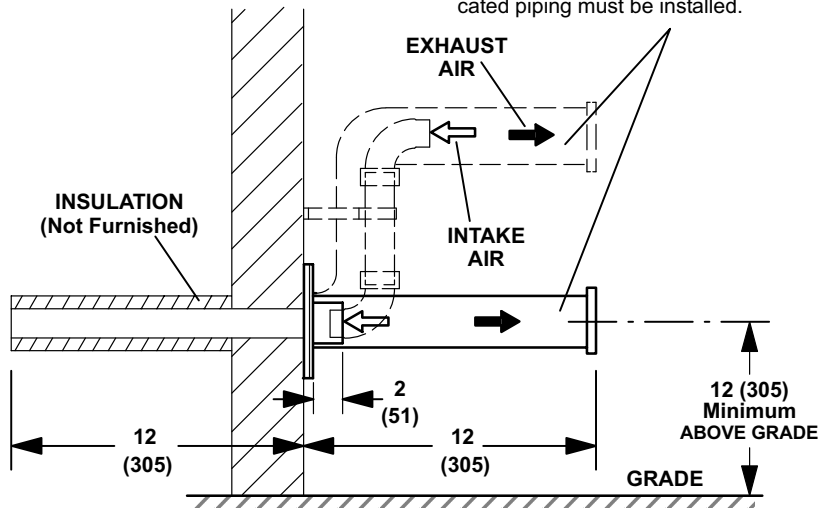
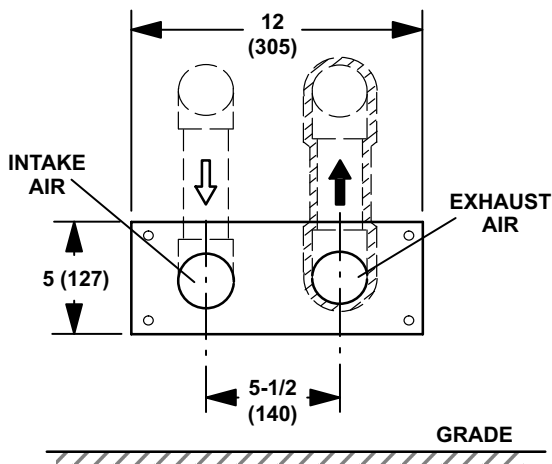
WALL TERMINATION KITS (CLOSE-COUPLE)

22G44 - 2 inch (51 mm)

44J40 - 3 inch (76 mm)

See Installation Instructions for specific usage.

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

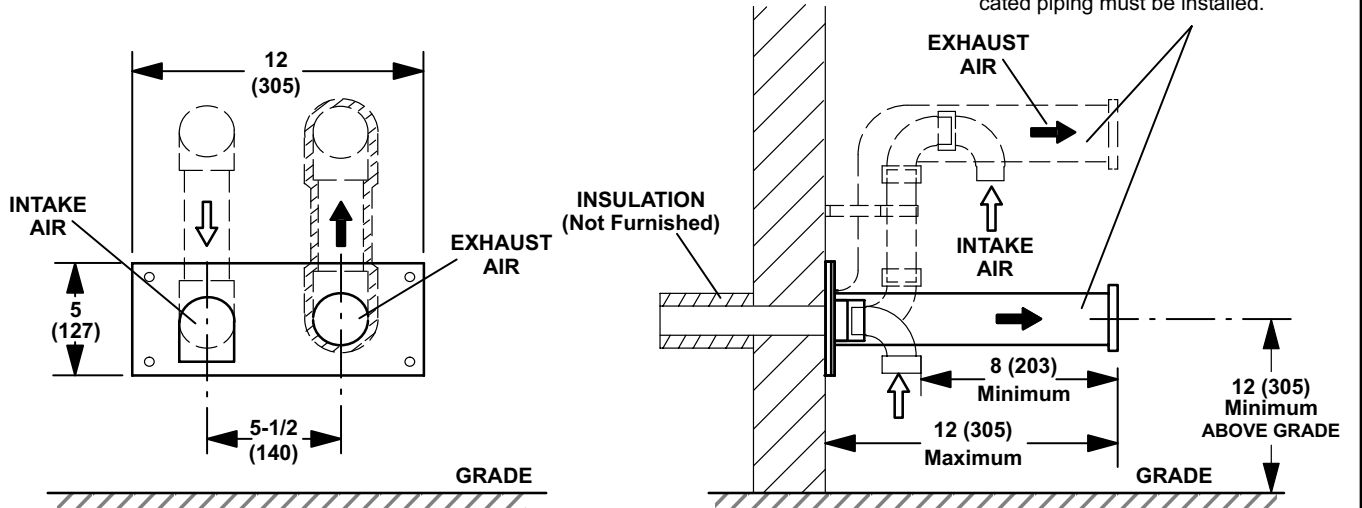


OPTIONAL ACCESSORY DIMENSIONS - INCHES (MM)

**DIRECT VENT APPLICATIONS
WTK WALL ASSEMBLY TERMINATION KIT
WITH FIELD FABRICATION ABOVE
GRADE EXTENDED CLEARANCE
30G28 - 2 inch (51 mm)**

See Installation Instructions for specific usage.

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



BLOWER DATA

G61MPV-36B-045 BLOWER PERFORMANCE (less filter)
0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions																
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed								
	1		1 2		3		4		1		2		3		1 4		
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	
+	915	430	1070	505	1320	625	1370	645	1055	500	1235	580	1330	625	1420	670	
	1 NORM	830	395	965	455	1205	570	1255	590	945	445	100	520	1185	560	1295	610
	—	740	350	860	405	1055	500	1095	515	840	395	970	460	1050	495	1150	540
"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed								
	1		1 2		3		4		1		2		3		1 4		
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	
+	830	390	970	460	1210	570	1255	590	720	340	820	385	890	420	970	455	
	1 NORM	755	355	880	415	1080	510	1120	530	665	310	745	350	795	375	875	410
	—	690	325	795	375	950	450	995	470	610	290	685	325	725	340	785	370

¹ Factory default jumper setting.

N/A - First and second stage HEAT positions shown cannot be used on this model.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately **91%** of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately **70%** of the same second stage COOL speed position.

Continuous Fan Only speed is approximately **38%** of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 442 cfm (210 L/s).

G61MPV-36B-045 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	70	90	115	135	155	175	200	220	245	95	120	145	175	190	210	230	255	280
	Tap 2	125	145	165	185	205	225	255	280	305	155	175	200	225	255	290	310	335	360
	Tap 3	220	250	280	310	340	365	390	415	440	305	335	370	400	435	465	480	495	510
	Tap 4	225	260	300	345	375	410	430	450	470	330	360	395	430	460	485	510	530	550
"COOL" Speed	Tap 1	55	70	90	110	125	140	160	175	195	140	165	200	230	255	280	305	325	350
	Tap 2	70	90	110	130	155	175	200	220	240	230	260	295	330	360	390	415	435	460
	Tap 3	90	110	135	160	185	205	225	245	265	280	315	350	390	430	465	485	505	525
	Tap 4	115	135	160	185	210	235	255	280	300	370	410	450	490	520	555	560	565	570
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	65	80	95	110	135	155	170	190	210	80	95	115	135	155	175	200	220	240
	Tap 2	85	105	125	150	175	195	220	245	270	110	135	160	185	210	230	255	275	295
	Tap 3	150	175	205	230	265	295	320	345	365	205	230	260	295	330	370	390	415	440
	Tap 4	165	195	230	265	290	315	340	370	400	240	270	310	345	370	395	425	455	485
"COOL" Speed	Tap 1	45	60	75	95	115	130	145	160	175	110	130	155	185	205	230	250	275	295
	Tap 2	60	80	100	115	135	155	175	195	215	165	190	215	240	275	305	330	355	380
	Tap 3	70	85	110	130	150	165	190	210	230	195	225	260	290	320	350	375	400	425
	Tap 4	85	105	135	160	175	190	215	240	265	265	300	340	380	410	440	460	485	505
“-” (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	50	65	85	100	120	140	155	170	185	55	70	90	110	135	155	170	190	205
	Tap 2	70	90	105	125	145	165	185	205	230	85	100	125	145	175	200	220	235	250
	Tap 3	110	130	155	185	205	225	250	270	290	150	170	195	220	240	265	295	320	350
	Tap 4	125	145	170	200	220	240	265	295	320	160	185	215	245	265	290	315	335	360
"COOL" Speed	Tap 1	40	55	70	85	100	120	130	145	160	80	95	115	135	160	185	205	230	255
	Tap 2	55	65	80	95	115	135	150	165	185	115	140	170	195	215	235	260	280	300
	Tap 3	55	70	90	105	125	145	160	180	195	140	165	195	225	250	270	295	320	345
	Tap 4	75	90	105	125	140	155	180	200	225	180	205	235	265	295	325	355	380	410

BLOWER DATA

G61MPV-36B-070 BLOWER PERFORMANCE (less filter)
0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	895	420	1025	485	1290	610	1340	630	1015	480	1190	560	1280	605	1395	660
	820	385	940	445	1155	545	1210	570	930	440	1065	505	1155	545	1270	600
	N/A	N/A	840	395	1020	480	1055	495	830	390	950	450	1010	475	1105	520
1 NORM	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	820	385	930	440	1160	550	1210	570	730	345	815	385	865	410	935	440
	760	360	865	410	1045	495	1090	515	680	320	755	355	795	375	855	405
	N/A	N/A	775	365	930	440	965	455	625	295	695	330	730	345	775	365

¹ Factory default jumper setting.

N/A - First and second stage HEAT positions shown cannot be used on this model.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately **91%** of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately **70%** of the same second stage COOL speed position.

Continuous Fan Only speed is approximately **38%** of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 458 cfm (215 L/s).

G61MPV-36B-070 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	70	85	105	130	150	170	190	205	225	110	115	135	155	175	195	215	240	260
	Tap 2	100	120	145	165	190	215	235	260	280	130	155	180	205	230	255	280	300	325
	Tap 3	185	210	240	270	290	310	345	375	405	250	280	310	340	370	400	425	450	475
	Tap 4	200	230	265	295	325	355	385	410	440	285	310	340	365	400	430	455	485	510
"COOL" Speed	Tap 1	55	70	90	110	130	145	160	175	190	135	155	175	200	220	245	270	295	320
	Tap 2	75	90	110	130	150	170	190	205	220	185	215	250	285	315	345	370	395	420
	Tap 3	85	100	120	145	165	185	205	225	250	235	265	300	335	370	400	425	455	480
	Tap 4	105	125	150	170	190	210	235	255	280	315	340	370	395	440	480	510	540	570
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	65	75	95	110	130	150	170	185	200	75	90	110	125	150	170	190	205	225
	Tap 2	85	100	120	140	160	180	200	225	245	100	120	145	165	190	210	230	250	270
	Tap 3	130	155	180	205	235	265	285	305	325	195	210	230	250	280	315	340	370	395
	Tap 4	145	170	200	230	255	280	305	330	355	200	225	255	280	315	355	375	400	425
"COOL" Speed	Tap 1	45	60	80	95	115	130	145	160	175	100	120	140	165	190	215	235	255	275
	Tap 2	60	75	95	110	130	145	165	180	200	140	165	190	220	245	265	290	315	340
	Tap 3	65	85	105	125	140	155	175	195	215	175	200	230	260	285	310	340	365	390
	Tap 4	85	100	120	140	160	180	200	220	240	230	260	295	325	360	390	410	435	455
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 2	60	75	100	120	140	160	175	195	210	70	90	115	135	160	185	200	220	235
	Tap 3	95	120	145	170	190	210	230	245	265	140	160	180	205	225	245	270	295	325
	Tap 4	110	130	155	185	205	225	245	270	290	145	165	190	215	235	255	280	305	330
"COOL" Speed	Tap 1	40	55	70	85	100	120	130	145	160	75	90	110	125	150	175	190	210	225
	Tap 2	45	60	80	95	115	135	145	160	175	95	120	150	175	200	220	240	260	285
	Tap 3	50	65	85	105	125	145	160	175	190	125	150	175	195	220	240	265	290	320
	Tap 4	60	75	95	115	135	150	170	190	215	165	190	215	245	265	485	315	340	370

BLOWER DATA

G61MPV-36C-090 BLOWER PERFORMANCE (less filter) 0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+ 1 NORM —	N/A	N/A	1040	490	1285	605	1340	630	1020	480	1185	560	1275	600	1395	660
	N/A	N/A	915	430	1150	540	1200	565	905	430	1060	500	1145	540	1270	600
	N/A	N/A	N/A	N/A	1020	480	1055	495	800	380	925	435	1010	475	1100	520
"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+ 1 NORM —	N/A	N/A	940	445	1160	550	1210	570	705	335	790	375	845	400	920	435
	N/A	N/A	840	395	1040	490	1075	510	650	305	730	345	770	365	830	395
	N/A	N/A	N/A	N/A	915	430	945	445	600	285	670	315	705	330	750	355

¹ Factory default jumper setting.

N/A - First and second stage HEAT positions shown cannot be used on this model.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 479 cfm (225 L/s).

G61MPV-36C-090 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Tap 2	75	90	110	130	155	185	205	225	250	90	110	140	165	185	205	235	260	290
	Tap 3	125	150	175	200	230	260	290	325	355	170	195	230	265	290	330	360	395	425
	Tap 4	130	160	200	235	265	295	325	355	385	185	220	255	290	325	360	395	430	460
"COOL" Speed	Tap 1	35	50	70	90	105	125	140	160	175	85	110	135	160	185	205	235	265	295
	Tap 2	45	60	80	100	125	150	170	185	205	125	155	185	220	245	275	305	330	360
	Tap 3	60	75	95	110	135	160	180	200	220	165	195	230	265	300	330	355	380	410
	Tap 4	65	85	110	135	160	180	205	225	245	210	245	285	325	360	390	425	460	495
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 2	50	65	90	110	135	155	175	200	220	60	80	105	130	155	185	205	220	240
	Tap 3	90	110	145	175	200	225	245	270	290	110	135	170	205	230	250	285	320	355
	Tap 4	90	120	155	190	205	225	250	280	305	140	165	190	220	255	290	315	335	360
"COOL" Speed	Tap 1	35	45	60	75	95	115	130	145	160	60	80	110	135	155	175	195	215	235
	Tap 2	40	55	70	90	110	130	150	165	185	105	125	145	170	200	225	250	270	295
	Tap 3	45	60	80	95	115	135	155	175	195	115	140	175	205	235	265	290	315	335
	Tap 4	50	65	85	105	130	155	180	200	220	155	185	220	255	285	315	345	380	415
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 3	65	85	105	130	155	180	200	225	250	85	105	135	160	185	205	230	250	270
	Tap 4	75	95	120	140	165	190	210	230	250	90	115	140	170	190	215	245	275	305
"COOL" Speed	Tap 1	30	40	55	75	90	105	120	135	150	55	65	85	105	125	150	170	190	210
	Tap 2	40	50	65	80	100	120	130	145	160	65	90	120	145	165	185	205	225	250
	Tap 3	40	55	70	90	105	125	140	160	180	85	105	135	165	185	210	235	260	285
	Tap 4	45	60	75	90	115	135	155	170	190	105	125	150	175	210	240	275	305	335

BLOWER DATA

G61MPV-60C-090 BLOWER PERFORMANCE (less filter)

Bottom Return Air, Return Air from Both Sides or Return Air from Bottom and One Side.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1500	710	1675	790	1880	885	2090	985	1605	760	1710	805	1925	910	2165	1020
¹ NORM	1355	640	1545	730	1720	810	1900	895	1440	680	1560	735	1755	825	1960	925
—	1194	565	1365	645	1540	730	1695	800	1275	600	1380	650	1590	750	1755	830

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1360	640	1560	735	1730	815	1910	900	1105	520	1185	560	1355	640	1545	730
¹ NORM	1220	575	1405	665	1585	750	1740	820	995	470	1080	510	1205	570	1345	635
—	1105	520	1235	585	1410	665	1570	740	890	420	960	455	1090	515	1215	575

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 449 cfm (210 L/s).

G61MPV-60C-090 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage										Second Stage								
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	190	215	245	275	305	340	365	390	420	245	275	315	350	380	410	440	475	510
	Tap 2	265	300	340	380	415	450	480	510	540	350	385	420	455	490	525	555	580	610
	Tap 3	380	415	450	485	520	555	595	630	665	485	520	555	595	640	685	720	755	790
	Tap 4	495	535	580	625	660	700	735	770	805	650	695	750	800	850	900	925	955	985
"COOL" Speed	Tap 1	115	135	160	185	205	230	255	275	300	305	340	375	410	440	475	505	535	565
	Tap 2	145	165	190	215	240	265	285	305	325	355	390	430	470	510	550	580	610	635
	Tap 3	170	200	240	275	305	335	370	400	430	510	555	600	645	690	730	765	795	830
	Tap 4	265	295	330	365	400	435	465	500	535	725	780	835	895	935	975	1005	1035	1065
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	150	170	195	220	245	270	295	325	350	180	210	245	280	305	330	365	400	430
	Tap 2	200	230	270	305	330	355	385	415	450	265	295	335	375	405	430	465	500	535
	Tap 3	270	310	355	395	425	460	490	525	560	370	400	435	470	515	555	585	615	645
	Tap 4	390	420	455	490	525	555	595	630	670	495	530	570	605	645	685	720	755	795
"COOL" Speed	Tap 1	90	110	130	155	175	195	215	235	255	220	250	285	320	350	385	415	450	485
	Tap 2	110	130	155	180	200	220	245	265	285	270	305	345	385	420	455	485	515	545
	Tap 3	145	165	190	215	245	270	295	320	340	390	425	465	500	540	580	610	640	670
	Tap 4	180	205	240	270	300	330	365	395	430	540	580	625	670	710	755	795	830	870
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	110	135	165	190	215	235	255	280	300	155	175	195	215	245	270	295	315	340
	Tap 2	155	175	200	225	255	285	310	335	365	190	215	250	285	310	335	365	395	425
	Tap 3	200	230	270	305	335	365	395	420	450	255	290	335	375	400	430	465	495	530
	Tap 4	270	305	345	385	415	450	480	515	545	345	385	425	465	495	530	565	605	645
"COOL" Speed	Tap 1	70	85	105	125	145	165	185	205	225	160	190	220	255	275	300	330	360	390
	Tap 2	80	100	120	140	165	190	210	225	245	195	225	260	295	325	350	385	415	450
	Tap 3	110	130	160	185	205	225	250	275	300	295	330	365	400	430	460	495	535	570
	Tap 4	155	175	195	220	245	270	295	315	340	400	435	470	510	545	585	610	640	665

BLOWER DATA

G61MPV-60C-090 BLOWER PERFORMANCE (less filter)

Single Side Return Air - Air volumes in bold require field fabricated transition to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) cleanable air filter in order to maintain proper air velocity across the filter.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1450	685	1640	775	1820	860	2055	970	1575	745	1690	795	1895	895	2135	1005
¹ NORM	1320	625	1510	710	1700	800	1870	880	1405	665	1530	720	1735	820	1935	910
—	1165	550	1320	625	1500	705	1665	785	1250	590	1355	640	1560	735	1735	820

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1315	620	1510	715	1695	800	1875	885	1080	510	1160	545	1315	620	1490	705
¹ NORM	1190	560	1365	645	1545	730	1715	810	985	465	1060	500	1185	560	1330	625
—	1075	510	1205	570	1370	645	1520	715	865	410	930	440	1065	500	1185	560

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 449 cfm (210 L/s).

G61MPV-60C-090 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	170	200	230	265	295	325	355	385	415	225	255	290	325	360	390	425	455	490
	Tap 2	255	285	320	355	390	425	455	490	520	330	370	410	455	485	515	540	560	585
	Tap 3	345	385	430	475	515	555	585	610	640	445	480	520	560	610	660	700	735	775
	Tap 4	470	515	560	610	650	685	725	765	800	650	695	745	800	840	885	915	950	980
"COOL" Speed	Tap 1	110	130	155	180	205	225	245	270	290	285	320	355	390	430	465	500	535	565
	Tap 2	125	150	175	205	225	250	275	300	325	355	390	430	470	500	530	570	605	645
	Tap 3	170	195	230	260	290	325	355	385	415	515	550	590	625	670	710	750	795	840
	Tap 4	240	275	315	355	380	405	445	485	525	740	785	835	885	920	955	990	1020	1050
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	145	165	190	215	240	265	290	315	345	175	200	235	265	300	330	360	385	415
	Tap 2	195	225	255	290	320	345	375	405	435	260	290	325	355	390	425	455	490	520
	Tap 3	265	300	335	370	405	435	470	505	540	360	395	435	470	515	555	585	620	650
	Tap 4	385	420	460	495	525	555	590	625	660	475	515	560	600	640	685	720	760	800
"COOL" Speed	Tap 1	85	100	125	145	170	200	215	235	255	200	230	270	310	340	370	400	430	460
	Tap 2	105	125	150	170	195	220	240	260	280	260	295	330	365	400	440	470	500	530
	Tap 3	135	160	185	215	240	270	290	315	335	410	440	470	500	540	580	610	640	670
	Tap 4	170	200	235	265	305	340	365	390	415	550	585	620	655	695	740	780	825	865
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	105	130	155	180	205	225	245	270	290	130	155	180	204	230	260	285	310	335
	Tap 2	145	165	195	220	250	280	305	335	360	170	195	230	265	295	325	355	385	420
	Tap 3	190	220	250	285	315	345	375	405	440	245	280	315	350	385	420	450	485	520
	Tap 4	270	295	325	355	395	430	465	500	530	340	375	415	455	490	525	560	595	625
"COOL" Speed	Tap 1	65	80	100	120	140	160	180	205	225	155	180	215	245	265	290	320	345	375
	Tap 2	75	90	110	130	155	180	200	220	245	190	220	250	275	305	335	370	400	430
	Tap 3	100	120	150	175	200	220	245	265	290	290	320	355	385	415	445	485	520	560
	Tap 4	135	160	185	215	240	265	290	315	335	405	435	465	495	540	585	610	640	665

BLOWER DATA

G61MPV-60C-090 BLOWER PERFORMANCE (less filter)

Side Return Air with Optional RAB Return Air Base

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1440	680	1630	770	1810	855	2015	950	1525	720	1655	780	1860	880	2100	990
¹ NORM	1300	615	1485	700	1655	780	1830	865	1385	655	1500	710	1695	800	1905	900
—	1155	545	1310	620	1480	700	1640	775	1240	585	1320	625	1510	710	1695	800

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1320	625	1490	700	1665	785	1840	870	1060	500	1135	535	1285	605	1455	685
¹ NORM	1180	555	1345	635	1515	715	1680	795	960	455	1035	490	1165	550	1310	620
—	1055	500	1180	560	1340	630	1490	705	865	405	920	435	1050	495	1165	550

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 449 cfm (210 L/s).

G61MPV-60C-090 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage										Second Stage								
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	180	205	235	260	290	320	350	380	410	230	260	290	320	355	390	420	445	475
	Tap 2	250	280	315	350	385	425	455	485	515	325	360	400	435	465	495	530	565	595
	Tap 3	345	380	415	455	485	515	550	580	615	460	490	520	550	595	640	675	715	750
	Tap 4	465	505	545	585	625	660	695	730	760	665	685	710	735	775	820	860	900	940
"COOL" Speed	Tap 1	110	130	150	175	195	215	240	265	290	275	305	340	380	410	440	470	505	540
	Tap 2	130	155	175	200	220	245	265	290	315	360	390	420	455	485	515	550	590	625
	Tap 3	160	190	220	255	280	305	335	360	390	490	530	570	610	645	680	715	750	785
	Tap 4	220	255	295	330	365	400	430	460	490	695	750	805	855	895	935	965	995	1025
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	145	165	190	210	235	260	285	310	335	170	195	230	260	290	320	350	375	400
	Tap 2	195	220	250	275	305	335	365	395	420	255	285	315	345	370	395	430	465	500
	Tap 3	280	305	335	360	395	425	455	485	515	340	375	410	450	480	510	545	580	615
	Tap 4	370	400	430	460	495	530	565	595	625	465	500	535	575	610	645	685	725	765
"COOL" Speed	Tap 1	80	95	120	140	165	190	210	235	255	190	225	265	305	330	355	390	420	455
	Tap 2	100	120	140	165	190	215	235	255	275	265	295	325	355	390	420	455	495	530
	Tap 3	140	160	185	205	235	260	285	305	325	375	410	440	475	500	530	570	610	650
	Tap 4	180	205	240	270	300	325	350	380	405	520	560	605	645	685	720	760	805	845
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	100	125	150	175	200	220	245	265	290	135	155	180	200	225	250	275	300	330
	Tap 2	150	165	185	205	235	265	290	310	335	170	200	235	265	290	320	350	375	405
	Tap 3	210	230	255	275	310	345	370	400	425	255	285	315	350	370	390	430	470	510
	Tap 4	260	290	320	350	390	430	455	480	505	340	375	410	445	475	510	535	565	590
"COOL" Speed	Tap 1	70	85	105	125	140	160	180	200	220	155	175	200	225	255	290	315	340	365
	Tap 2	80	95	115	135	155	175	200	220	245	185	210	235	260	295	325	355	385	415
	Tap 3	105	125	150	175	200	220	240	265	290	255	290	330	365	400	430	460	490	520
	Tap 4	135	160	185	215	235	260	285	305	330	370	400	440	475	505	530	565	600	635

BLOWER DATA

G61MPV-60C-110 BLOWER PERFORMANCE (less filter)

Bottom Return Air, Return Air from Both Sides or Return Air from Bottom and One Side.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions																	
	Second Stage "HEAT" Speed						Second Stage "COOL" Speed											
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1505	710	1710	805	1915	905	2130	1005	1625	770	1745	825	1990	940	2210	1045		
¹ NORM	1370	645	1565	740	1765	835	1945	920	1465	690	1580	745	1790	845	1995	940		
—	1205	570	1380	650	1565	740	1740	820	1290	610	1405	660	1605	760	1790	845		

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1370	645	1570	740	1760	830	1945	920	945	445	1020	480	1160	545	1300	615
¹ NORM	1235	585	1420	670	1600	755	1780	840	840	395	910	430	1055	500	1180	555
—	1105	525	1250	590	1420	670	1580	745	740	350	800	380	920	435	1045	495

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 463 cfm (220 L/s).

G61MPV-60C-110 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	165	195	230	265	300	336	370	400	430	210	245	290	330	365	395	435	470	510
	Tap 2	245	285	325	370	400	435	470	505	540	330	365	405	445	480	520	560	600	640
	Tap 3	365	395	430	465	510	550	590	630	670	450	490	535	580	625	665	700	735	770
	Tap 4	480	520	565	610	645	685	725	770	810	625	670	715	760	805	850	890	930	970
"COOL" Speed	Tap 1	75	90	115	135	160	180	200	220	240	280	315	350	390	430	475	510	550	585
	Tap 2	90	105	130	150	175	200	220	245	270	340	380	425	465	505	545	575	610	645
	Tap 3	120	140	170	195	225	250	275	300	330	510	545	585	620	675	735	770	805	840
	Tap 4	160	185	210	235	265	290	325	360	395	710	755	805	855	905	950	980	1010	1035
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	150	170	190	205	245	280	305	335	365	170	200	235	270	300	330	365	400	430
	Tap 2	195	220	255	285	320	360	390	420	445	240	275	320	365	400	430	465	500	530
	Tap 3	265	300	335	370	410	445	480	520	555	360	395	435	475	510	550	585	620	650
	Tap 4	370	410	455	495	525	550	590	630	670	460	500	545	590	635	675	720	760	805
"COOL" Speed	Tap 1	55	70	90	110	135	155	175	195	215	205	235	275	310	345	380	415	450	485
	Tap 2	75	90	105	125	150	170	190	215	235	250	285	325	360	400	440	470	505	540
	Tap 3	95	115	135	160	190	220	240	265	285	375	410	445	485	530	575	605	635	670
	Tap 4	125	150	175	200	225	255	280	305	335	510	550	595	640	685	725	770	815	860
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	105	130	155	180	210	235	260	285	305	140	160	180	200	235	265	295	320	350
	Tap 2	140	165	195	225	250	280	310	345	375	165	195	230	265	300	335	370	405	440
	Tap 3	185	220	255	290	325	355	390	420	450	250	285	325	360	395	430	465	500	530
	Tap 4	250	290	335	375	410	445	480	520	560	340	375	420	460	495	530	565	605	645
"COOL" Speed	Tap 1	45	60	80	100	115	125	145	160	180	155	180	210	240	270	295	325	355	385
	Tap 2	55	70	85	105	125	150	165	185	200	185	215	245	280	315	345	380	415	450
	Tap 3	70	85	105	125	150	170	195	215	235	265	300	345	385	425	465	500	535	570
	Tap 4	95	110	135	160	190	220	240	260	280	375	415	455	495	535	575	615	650	690

BLOWER DATA

G61MPV-60C-110 BLOWER PERFORMANCE (less filter)

Single Side Return Air - Air volumes in bold require field fabricated transition to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) cleanable air filter in order to maintain proper air velocity across the filter.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1485	700	1675	790	1870	885	2080	980	1585	750	1700	800	1905	900	2135	1005
¹ NORM	1350	637	1525	720	1725	815	1895	895	1435	680	1535	725	1740	820	1930	910
—	1175	555	1335	630	1505	710	1670	790	1280	605	1385	655	1570	740	1755	830

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1325	625	1505	710	1695	800	1870	885	935	440	1025	485	1155	545	1285	605
¹ NORM	1195	565	1365	645	1550	730	1720	810	840	395	915	430	1050	495	1175	555
—	1080	510	1205	570	1365	645	1530	720	750	355	800	380	925	435	1050	495

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately **91%** of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately **70%** of the same second stage COOL speed position.

Continuous Fan Only speed is approximately **38%** of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 463 cfm (220 L/s).

G61MPV-60C-110 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. w.g. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	155	185	220	255	285	320	350	380	410	205	240	280	320	355	390	420	450	480
	Tap 2	215	255	300	345	370	395	430	465	500	320	350	380	410	455	495	530	565	595
	Tap 3	335	375	415	455	490	530	570	605	645	445	475	510	545	590	630	670	710	750
	Tap 4	450	490	535	580	615	645	690	730	775	580	625	680	735	770	810	850	890	930
"COOL" Speed	Tap 1	70	90	110	130	150	165	185	210	230	255	295	345	390	430	470	510	545	580
	Tap 2	85	105	125	150	170	190	215	235	255	340	375	415	455	490	525	570	615	660
	Tap 3	115	135	160	185	210	230	255	285	310	455	500	555	610	650	695	750	800	850
	Tap 4	155	175	195	220	250	285	310	335	360	650	710	770	835	880	920	960	995	1035
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	140	160	185	210	235	265	285	310	330	155	185	220	250	285	320	350	380	410
	Tap 2	170	200	235	270	305	340	370	400	430	220	260	300	345	370	395	430	465	500
	Tap 3	250	290	330	370	400	430	465	505	540	355	385	415	450	485	520	555	595	630
	Tap 4	360	395	430	465	510	550	580	605	635	460	490	525	560	605	645	685	730	770
"COOL" Speed	Tap 1	60	75	90	110	125	145	165	185	205	195	230	270	305	345	380	415	455	490
	Tap 2	70	85	105	125	140	160	180	200	220	225	265	315	360	400	440	475	515	555
	Tap 3	95	110	130	150	175	200	225	245	265	365	400	445	485	525	565	610	650	690
	Tap 4	115	135	165	190	215	235	260	285	310	495	535	580	625	675	725	770	815	860
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	105	125	150	175	195	215	240	265	290	135	155	180	205	225	245	275	300	330
	Tap 2	145	165	190	210	240	265	290	315	340	170	195	225	255	290	325	355	385	410
	Tap 3	175	200	235	265	300	335	370	400	430	230	260	295	335	370	405	440	475	510
	Tap 4	240	275	320	360	390	420	450	485	515	325	365	410	455	490	520	550	575	600
"COOL" Speed	Tap 1	45	60	80	100	110	125	140	155	170	155	180	205	235	270	305	340	370	400
	Tap 2	50	65	85	100	120	135	155	175	195	170	200	240	275	315	355	390	420	450
	Tap 3	75	90	105	120	140	160	185	210	235	250	290	330	375	410	445	485	525	570
	Tap 4	95	110	135	155	175	200	225	250	270	365	405	450	490	535	575	615	655	690

BLOWER DATA

G61MPV-60C-110 BLOWER PERFORMANCE (less filter)

Side Return Air with Optional RAB Return Air Base

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions																	
	Second Stage "HEAT" Speed						Second Stage "COOL" Speed											
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1475	695	1670	790	1865	880	2070	980	1555	735	1685	795	1895	895	2130	1005		
¹ NORM	1345	635	1500	710	1695	800	1865	880	1415	670	1540	725	1735	820	1930	910		
—	1180	555	1345	635	1510	710	1685	795	1245	590	1350	635	1545	730	1725	815		

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1330	625	1510	715	1695	800	1875	885	1085	510	1155	545	1310	620	1475	695
¹ NORM	1195	565	1375	650	1550	730	1725	815	955	450	1050	495	1185	560	1335	630
—	1080	510	1210	570	1370	645	1520	715	850	400	920	435	1070	505	1195	565

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 463 cfm (220 L/s).

G61MPV-60C-110 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. w.g. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	170	195	225	255	290	320	350	380	410	215	250	285	320	355	390	425	455	490
	Tap 2	230	265	305	345	380	415	445	480	515	315	355	400	445	480	510	540	575	605
	Tap 3	350	385	420	460	495	525	560	595	630	460	490	525	555	605	655	690	730	770
	Tap 4	450	490	535	580	610	640	680	720	760	590	630	680	725	785	840	880	915	955
"COOL" Speed	Tap 1	105	125	150	175	200	220	245	265	290	250	285	320	360	395	435	470	500	535
	Tap 2	130	150	175	200	220	240	270	295	320	335	365	405	445	480	515	550	590	630
	Tap 3	165	190	220	250	275	305	335	370	400	470	505	545	585	630	670	710	755	800
	Tap 4	205	240	285	330	360	390	420	450	485	655	695	745	790	840	885	925	965	1005
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	150	170	190	215	240	265	290	315	340	155	190	225	265	295	325	355	385	420
	Tap 2	185	215	245	275	310	340	370	400	430	230	265	300	335	370	400	440	475	515
	Tap 3	255	285	325	365	400	440	465	495	525	335	370	410	450	490	530	560	595	625
	Tap 4	345	385	430	475	510	545	575	605	635	460	490	520	550	595	645	680	715	750
"COOL" Speed	Tap 1	75	90	115	135	160	185	205	225	250	190	220	255	290	325	360	395	430	460
	Tap 2	100	120	145	165	185	205	230	255	280	250	285	325	360	390	420	455	485	520
	Tap 3	135	155	175	200	230	260	280	305	330	355	395	435	475	510	545	580	620	660
	Tap 4	170	195	225	255	290	320	350	375	405	475	515	565	610	655	705	745	785	825
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	110	130	150	175	195	215	240	265	290	135	155	180	210	230	250	275	300	325
	Tap 2	145	165	190	210	240	270	295	315	340	170	195	230	265	295	325	355	390	420
	Tap 3	175	205	240	280	310	340	370	400	430	220	255	295	335	370	405	440	475	515
	Tap 4	245	280	320	355	390	420	455	490	525	325	360	400	440	475	510	540	565	590
"COOL" Speed	Tap 1	55	70	90	110	135	155	175	195	220	150	170	200	225	255	285	315	340	370
	Tap 2	65	80	105	130	150	170	195	215	240	165	195	230	265	300	330	360	390	420
	Tap 3	100	125	150	180	200	220	240	260	280	240	280	320	360	400	435	470	505	540
	Tap 4	140	160	180	200	230	260	285	305	330	350	385	420	455	500	540	575	610	645

BLOWER DATA

G61MPV-60D-135 BLOWER PERFORMANCE (less filter)

Bottom Return Air, Return Air from Both Sides or Return Air from Bottom and One Side.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions																	
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed									
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1505	710	1705	805	1900	900	2110	995	1615	760	1730	815	1945	920	2190	1035		
¹ NORM	1365	645	1550	730	1740	820	1920	905	1455	685	1580	745	1780	840	1985	935		
—	1225	580	1380	650	1545	730	1720	810	1305	615	1400	660	1600	755	1780	840		

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed									
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s		
+	1385	655	1570	740	1760	830	1930	910	1135	535	1205	570	1365	645	1540	725		
¹ NORM	1250	590	1425	670	1595	755	1775	835	1025	485	1105	520	1235	580	1390	655		
—	1135	535	1265	595	1430	675	1585	750	915	430	985	465	1115	525	1235	585		

¹ Factory default jumper setting.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 470 cfm (210 L/s).

G61MPV-60D-135 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage										Second Stage								
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	155	185	220	255	285	315	340	365	390	215	225	265	305	335	365	400	435	465
	Tap 2	215	250	285	325	360	390	425	455	490	275	315	360	400	440	475	505	540	575
	Tap 3	315	350	390	430	460	490	530	565	605	405	440	475	515	550	585	630	670	715
	Tap 4	435	465	500	530	575	615	655	695	735	530	575	620	670	725	780	825	870	915
"COOL" Speed	Tap 1	95	120	145	170	190	215	240	265	290	250	285	320	360	390	420	450	485	515
	Tap 2	115	135	160	185	210	235	260	290	315	290	330	375	420	455	490	525	565	605
	Tap 3	145	175	215	250	275	300	330	355	385	425	465	505	550	590	635	670	710	750
	Tap 4	205	240	280	320	350	380	410	445	480	615	655	700	745	800	855	900	940	980
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	130	155	180	205	235	260	285	305	330	155	180	210	245	270	300	330	355	385
	Tap 2	165	195	230	265	300	330	360	385	415	215	250	295	335	360	385	420	455	490
	Tap 3	240	270	310	345	380	415	440	470	500	305	340	380	420	455	490	520	545	575
	Tap 4	335	365	405	440	480	515	550	585	620	405	445	485	530	570	610	650	690	735
"COOL" Speed	Tap 1	80	95	115	135	160	190	210	230	255	185	215	245	280	310	335	370	400	430
	Tap 2	90	115	140	165	190	215	230	250	265	230	260	295	335	370	405	435	470	500
	Tap 3	130	150	170	195	225	255	275	300	320	315	355	400	445	480	515	555	590	625
	Tap 4	150	180	220	255	285	315	345	375	405	445	485	530	580	625	670	705	740	775
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	100	120	140	165	190	215	240	265	290	125	150	175	200	225	245	270	295	320
	Tap 2	130	155	180	210	235	265	285	310	330	155	185	215	250	280	305	335	365	395
	Tap 3	170	200	235	270	300	330	360	390	420	220	250	280	315	350	390	425	460	490
	Tap 4	225	260	300	335	375	410	435	465	490	295	325	360	395	435	470	505	545	580
"COOL" Speed	Tap 1	65	80	100	120	140	160	180	195	215	145	170	195	225	250	280	305	330	355
	Tap 2	70	90	110	130	155	175	200	220	240	160	190	225	255	285	315	345	380	415
	Tap 3	95	120	145	170	190	215	235	250	270	245	280	315	355	385	415	445	480	515
	Tap 4	135	155	175	200	220	245	270	300	325	325	365	405	445	485	520	550	580	610

BLOWER DATA

G61MPV-60D-135 BLOWER PERFORMANCE (less filter)

Single Side Return Air - Air volumes in bold require field fabricated transition to accommodate 20 x 25 x 1 in. (508 x 635 x 25 mm) cleanable air filter in order to maintain proper air velocity across the filter.

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions															
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1470	695	1650	780	1845	870	2040	965	1585	750	1705	805	1905	900	2130	1005
¹ NORM	1325	625	1495	705	1680	795	1865	880	1430	675	1545	730	1765	835	1975	930
—	N/A	N/A	1335	630	1505	710	1670	790	1275	600	1370	645	1565	740	1755	830

"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed							
	1		1 2		3		4		1		2		3		1 4	
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1335	630	1510	710	1695	800	1870	885	1105	520	1180	555	1330	630	1500	710
¹ NORM	1210	570	1370	645	1540	725	1710	810	990	465	1075	505	1210	570	1355	640
—	N/A	N/A	1225	575	1375	650	1515	715	890	420	950	450	1085	515	1210	570

¹ Factory default jumper setting.

N/A - First and second stage HEAT positions shown cannot be used on this model.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately **91%** of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately **70%** of the same second stage COOL speed position.

Continuous Fan Only speed is approximately **38%** of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 470 cfm (220 L/s).

G61MPV-60D-135 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	150	175	210	240	270	300	330	360	390	180	215	255	295	330	365	400	430	465
	Tap 2	205	235	275	310	355	395	430	465	500	275	315	360	400	435	470	510	550	585
	Tap 3	315	345	385	420	460	495	535	570	610	415	450	490	525	565	600	640	675	715
	Tap 4	430	460	495	530	575	620	665	705	750	535	585	640	695	730	765	810	860	905
"COOL" Speed	Tap 1	90	110	140	170	195	220	240	265	290	230	265	310	355	390	425	460	490	525
	Tap 2	105	130	165	195	215	235	260	290	315	285	330	380	430	455	485	525	565	605
	Tap 3	150	175	205	235	270	300	330	360	385	425	465	515	560	605	645	685	730	770
	Tap 4	195	230	270	305	340	375	410	445	480	605	650	695	740	800	855	900	945	985
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	120	140	170	200	225	255	280	305	330	150	175	210	240	270	300	335	365	400
	Tap 2	155	185	220	255	295	335	365	395	425	205	240	275	315	350	385	422	460	495
	Tap 3	235	265	300	330	370	405	440	470	500	290	330	380	430	460	485	515	545	575
	Tap 4	320	355	390	430	465	505	540	575	610	395	440	485	530	575	620	660	700	740
"COOL" Speed	Tap 1	70	90	115	135	165	190	210	230	245	170	200	235	265	305	345	380	420	455
	Tap 2	80	100	130	160	185	210	230	255	275	245	270	305	335	370	410	440	470	505
	Tap 3	120	140	170	195	225	255	280	305	330	350	385	420	455	495	530	570	610	645
	Tap 4	145	175	215	250	280	315	345	375	410	455	500	555	605	645	680	725	770	810
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 2	125	150	175	195	230	265	290	310	335	150	175	210	240	255	290	330	370	405
	Tap 3	155	185	215	250	285	320	355	385	420	205	235	270	305	345	380	420	455	490
	Tap 4	205	240	285	325	355	385	420	460	495	290	325	360	400	440	480	515	545	580
"COOL" Speed	Tap 1	60	75	95	115	135	150	175	195	220	140	160	185	205	240	280	305	335	360
	Tap 2	60	75	100	125	150	175	195	215	235	145	180	215	250	290	325	355	385	420
	Tap 3	90	110	140	165	190	215	235	255	270	230	265	305	345	380	420	450	480	510
	Tap 4	120	140	170	195	225	255	275	300	325	330	365	405	445	485	525	560	595	635

BLOWER DATA

G61MPV-60D-135 BLOWER PERFORMANCE (less filter)

Side Return Air with Optional RAB Return Air Base

0 through 0.80 in. w.g. (0 Through 200 Pa) External Static Pressure Range

"ADJUST" Switch Positions	Speed Switch Positions																	
	Second Stage "HEAT" Speed								Second Stage "COOL" Speed									
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s
+	1445	685	1635	770	1825	860	2025	955	1550	730	1660	785	1875	885	2105	995		
¹ NORM	1305	615	1475	695	1660	785	1840	870	1400	660	1510	715	1720	810	1920	905		
—	N/A	N/A	1315	620	1480	700	1650	780	1250	590	1345	635	1530	725	1715	810		
"ADJUST" Switch Positions	First Stage "HEAT" Speed								First Stage "COOL" Speed									
	1		1 2		3		4		1		2		3		1 4			
	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s		
+	1315	620	1490	705	1675	790	1855	875	1080	510	1155	545	1310	620	1478	695		
¹ NORM	1195	565	1365	645	1530	725	1695	800	985	465	1055	500	1190	560	1325	625		
—	N/A	N/A	1210	570	1360	640	1500	710	875	410	945	445	1060	500	1190	560		

¹ Factory default jumper setting.

N/A - First and second stage HEAT positions shown cannot be used on this model.

NOTES - The effect of static pressure is included in air volumes shown.

First stage HEAT is approximately 91% of the same second stage HEAT speed position.

First stage COOL (two-stage air conditioning units only) is approximately 70% of the same second stage COOL speed position.

Continuous Fan Only speed is approximately 38% of the same second stage COOL speed position - minimum 500 cfm (235 L/s).

Lennox Harmony III™ Zone Control Applications - Minimum blower speed is 470 cfm (220 L/s).

G61MPV-60D-135 BLOWER MOTOR WATTS

Jumper Speed Positions	Motor Watts @ Various External Static Pressures - in. wg. (Pa)																		
	First Stage									Second Stage									
	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0 (0)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	
"+" (Plus) SETTING ("Adjust" Jumper at "+" Setting)																			
"HEAT" Speed	Tap 1	145	175	205	235	265	295	325	355	385	195	225	260	290	330	370	400	435	470
	Tap 2	205	235	270	305	340	375	415	450	485	275	310	355	400	430	460	495	535	570
	Tap 3	285	325	370	410	450	490	525	565	600	420	445	470	495	545	590	630	675	715
	Tap 4	385	430	480	530	570	610	650	690	725	535	580	625	670	710	755	800	845	890
"COOL" Speed	Tap 1	90	110	140	165	190	210	235	260	285	235	265	305	340	380	415	450	480	515
	Tap 2	105	130	160	190	210	230	255	285	310	290	325	370	410	450	490	515	545	575
	Tap 3	145	170	205	235	265	290	325	355	390	420	460	510	555	595	640	680	715	755
	Tap 4	200	230	270	305	345	385	415	445	480	580	630	690	745	800	850	895	935	975
"NORM" (Normal) SETTING ("Adjust" Jumper at "NORM" Setting)																			
"HEAT" Speed	Tap 1	130	150	170	190	225	260	285	305	330	150	175	205	235	265	295	325	355	385
	Tap 2	160	190	225	260	290	325	355	390	420	200	230	265	300	345	385	410	440	465
	Tap 3	235	265	300	335	370	400	435	470	500	290	330	375	415	450	485	515	540	570
	Tap 4	310	350	390	435	470	500	540	575	610	405	440	485	525	560	590	635	680	725
"COOL" Speed	Tap 1	70	90	115	140	165	190	210	230	250	170	200	235	270	305	335	370	400	430
	Tap 2	90	105	125	150	175	200	225	250	270	200	230	270	310	355	400	435	465	495
	Tap 3	115	140	170	195	225	250	275	300	325	330	365	400	440	485	525	555	585	615
	Tap 4	145	175	205	240	270	295	330	365	395	435	480	530	580	625	675	715	750	790
"-" (Minus) SETTING ("Adjust" Jumper at "-" Setting)																			
"HEAT" Speed	Tap 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Tap 2	125	145	170	195	225	255	280	300	325	150	175	210	240	265	290	325	365	400
	Tap 3	160	190	220	250	285	320	350	380	410	200	230	270	305	350	395	420	445	475
	Tap 4	200	235	275	310	355	395	425	460	490	285	320	355	395	435	475	510	545	580
"COOL" Speed	Tap 1	60	75	95	115	135	155	175	195	215	135	155	180	205	240	280	305	330	355
	Tap 2	70	90	110	130	150	170	195	215	235	160	185	215	240	275	310	345	375	410
	Tap 3	85	105	130	155	180	205	230	250	270	220	255	295	335	370	410	440	475	510
	Tap 4	120	140	170	195	220	240	270	295	325	330	365	400	440	480	525	555	585	615



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