

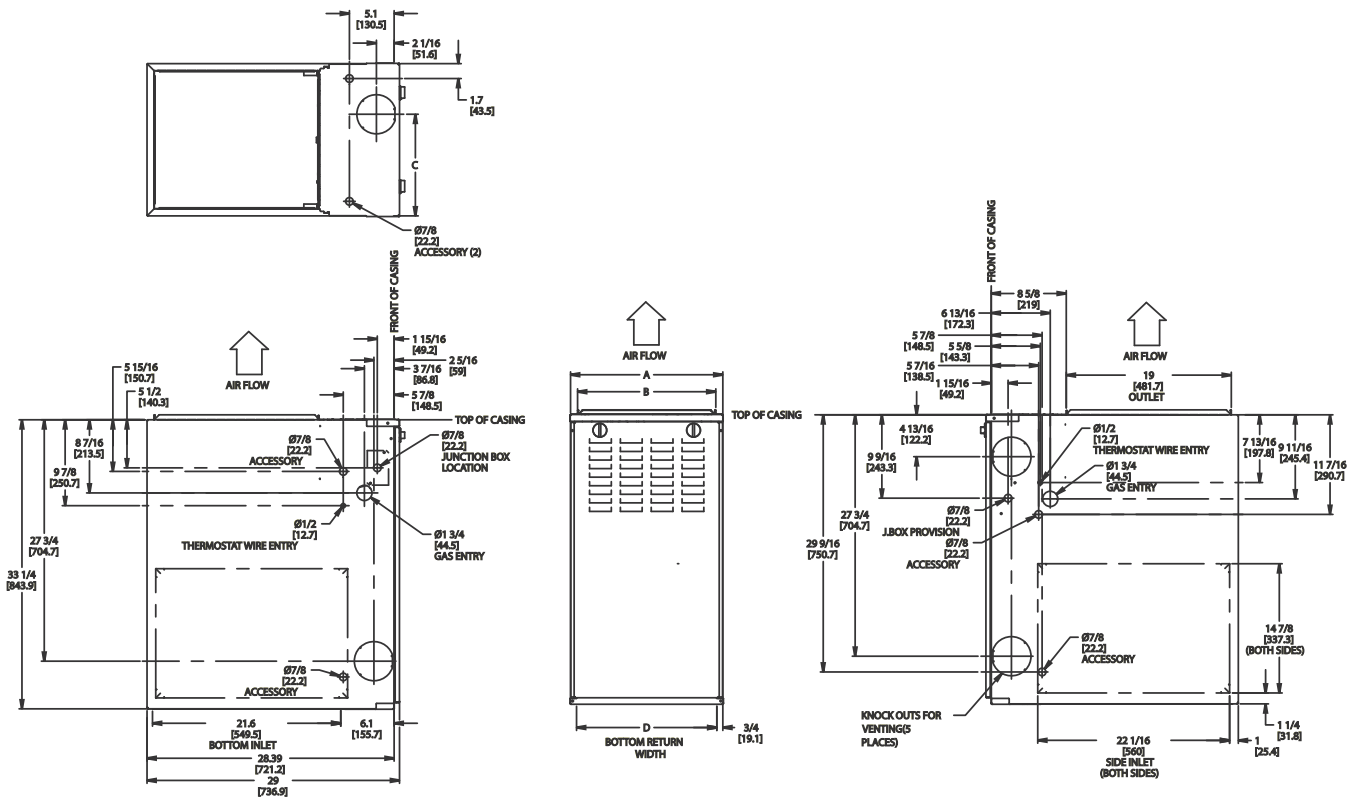
## Product Data



The PG8MAA/JAA 80% AFUE Gas Furnaces feature 4-way Multipoise design and through-the-furnace downflow venting. The PG8MAA/JAA furnaces are approved for use with natural or propane gas, and the PG8JAA is approved for use in Low NOx Air Quality Management Districts.

### STANDARD FEATURES

- **Four-position furnace: Upflow, Horizontal Right, Horizontal Left, Downflow**
- **Electronic control center**  
Adjustable heating air temperature rise, LED diagnostics and self test feature. Stores fault codes during power outages.
- **Hot surface ignition (HSI)**
- **Certified to leak 2 percent or less of its nominal air conditioning CFM delivered when pressurized to 1-In. Water Gauge with all present air inlets and air outlets sealed.**



A10290

**NOTES:**

1. Two additional 7/8-in. (22 mm) diameter holes are located in the top plate.
2. Minimum return-air openings at furnace, based on metal duct. If flex duct is used, see flex duct manufacturer's recommendations for equivalent diameters.
  - a. For 800 CFM—16-in. (406 mm) round or 14 1/2 x 12-in. (368 x 305 mm) rectangle.
  - b. For 1200 CFM—20-in. (508 mm) round or 14 1/2 x 19 1/2-in. (368 x 495 mm) rectangle.
  - c. For 1600 CFM—22-in. (559 mm) round or 14 1/2 x 22 1/16-in. (368 x 560mm) rectangle.
  - d. For airflow requirements above 1800 CFM, see Air Delivery table in Product Data literature for specific use of single side inlets. The use of both side inlets, a combination of 1 side and the bottom, or the bottom only will ensure adequate return air openings for airflow requirements above 1800 CFM.

FURNACE SIZE	A CABINET WIDTH IN (mm)	B OUTLET WIDTH IN (mm)	C TOP & BOTTOM FLUE COLLAR IN (mm)	D BOTTOM INLET WIDTH IN (mm)	VENT CONNECTION SIZE IN (mm)	SHIP WT LB (KG)
024045	14-3/16 (360)	12-9/16 (319)	9-5/16 (237)	12-11/16 (322)	4 (102)	104 (47)
036045	14-3/16 (360)	12-9/16 (319)	9-5/16 (237)	12-11/16 (322)	4 (102)	107 (49)
024070	14-3/16 (360)	12-9/16 (319)	9-5/16 (237)	12-11/16 (322)	4 (102)	111 (50)
036070	14-3/16 (360)	12-9/16 (319)	9-5/16 (237)	12-11/16 (322)	4 (102)	115 (52)
048070**	17-1/2 (445)	15-7/8 (403)	11-9/16 (294)	16-1/8 (410)	4 (102)	126 (57)
042090	17-1/2 (445)	15-7/8 (403)	11-9/16 (294)	16-1/8 (410)	4 (102)	127 (58)
048090	21 (533)	19-3/8 (492)	13-5/16 (338)	19-1/2 (495)	4 (102)	140 (64)
060090**	21 (533)	19-3/8 (492)	13-5/16 (338)	19-1/2 (495)	4 (102)	146 (66)
036110	17-1/2 (445)	15-7/8 (403)	11-9/16 (294)	16-1/8 (410)	4 (102)	135 (61)
048110	21 (533)	19-3/8 (492)	13-5/16 (338)	19-1/2 (495)	4 (102)	146 (66)
066110	21 (533)	19-3/8 (492)	13-5/16 (338)	19-1/2 (495)	4 (102)	152 (69)
048135	21 (533)	19-3/8 (492)	13-5/16 (338)	19-1/2 (495)	4 (102)*	149 (68)
066135	24-1/2 (622)	22-7/8 (581)	15-1/16 (383)	23 (584)	4 (102)*	163 (74)
060155	24-1/2 (622)	22-7/8 (581)	15-1/16 (383)	23 (584)	4 (102)*	170 (77)

\*135 and 155 size furnaces require a 5 or 6-in. (127 or 152 mm) vent. Use a vent adapter between furnace and vent stack. See Installation Instructions for complete installation requirements.

\*\* Low NOx version not offered in this size.

**⚠ WARNING**

**FIRE, EXPLOSION, ASPHYXIATION HAZARD**

Improper adjustment, alteration, service, maintenance, or installation can cause serious injury or death.

Read and follow instructions and precautions in User's Information Manual provided with this furnace. Installation and service must be performed by a qualified service agency or the gas supplier.

**⚠ CAUTION**

Check entire gas assembly for leaks after lighting this appliance.

**INSTALLATION**

1. This furnace must be installed in accordance with the manufacturer's instructions and local codes. In the absence of local codes, follow the National Fuel Gas Code ANSI Z223.1 / NFPA54 or CSA B-149. 1 Gas Installation Code.
2. This furnace must be installed so there are provisions for combustion and ventilation air. See manufacturer's installation information provided with this appliance.

**OPERATION**

This furnace is equipped with manual reset limit switch(es) in burner compartment to protect against overheat conditions that can result from inadequate combustion air supply or blocked vent conditions.

1. Do not bypass limit switches.
2. If a limit opens, call a qualified serviceman to correct the condition and reset limit switch.

**INSTALLATION**

**MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION**

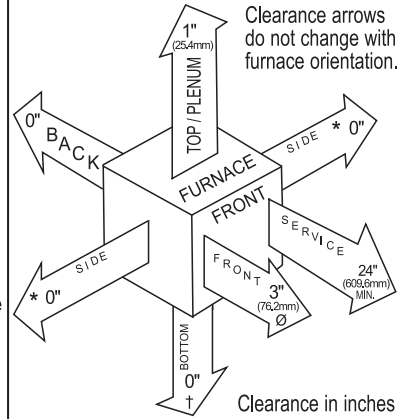
This forced air furnace is equipped for use with natural gas at altitudes 0 - 10,000 ft (0 - 3,050m). An accessory kit, supplied by the manufacturer, shall be used to convert to propane gas use or may be required for some natural gas applications.

This furnace is for indoor installation in a building constructed on site.

This furnace may be installed on combustible flooring in alcove or closet at minimum clearance as indicated by the diagram from combustible material.

This furnace may be used with a Type B-1 Vent and may be vented in common with other gas fired appliances.

This furnace is approved for UPFLOW, DOWNFLOW, and HORIZONTAL installations.



**Vent Clearance to combustibles:**  
 For Single Wall vents 6 inches (6 po).  
 For Type B-1 vent type 1 inch (1 po).

**MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION**

**DOWNFLOW POSITIONS:**

- † Installation on non-combustible floors only.  
 For Installation on combustible flooring only when installed on special base, Part No. KGASB0201ALL or NAHA01101SB, Coil Assembly, Part No. CAR, CAP, CNPV, CNRV, END4X, ENW4X, WENC, WTNC, WENW OR WTNW.
- ∅ 18 inches front clearance required for alcove.
- \* Indicates supply or return sides when furnace is in the horizontal position. Line contact only permissible between lines formed by intersections of the Top and two Sides of the furnace jacket, and building joists, studs or framing.



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PG8MAA / JAA

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ISO 9001  
QMI-SAI Global



Use of the AHRI Certified™ Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to [www.ahridirectory.org](http://www.ahridirectory.org).



**Always Ask For  
FACTORY  
AUTHORIZED  
PARTS**

# SPECIFICATIONS

PG8MAA / JAA

UNIT SIZE		024045	036045	024070	036070	048070	042090	048090
<b>RATINGS AND PERFORMANCE</b>								
Input Btuh*	PG8JAA Upflow; all PG8MAA	44,000	44,000	66,000	66,000	66,000	88,000	88,000
Non-weatherized ICS	PG8JAA Downflow/Horizontal	42,000	42,000	63,000	63,000	63,000	84,000	84,000
Output Capacity (Btuh)†	PG8JAA Upflow; all PG8MAA	35,000	36,000	53,000	54,000	53,000	71,000	71,000
Non-weatherized ICS	PG8JAA Downflow/Horizontal	34,000	34,000	51,000	51,000	51,000	68,000	68,000
AFUE‡		80.0	80.0	80.0	80.0	80.0	80.0	80.0
Certified Temperature Rise Range ° F (° C)		30-60 (17-33)	20-50 (11-28)	40-70 (22-39)	30-60 (17-33)	25-55 (14-30)	40-70 (22-39)	30-60 (17-33)
Certified External Static Pressure	Heat/Cool	0.10/0.50	0.10/0.50	0.12/0.50	0.12/0.50	0.12/0.50	0.15/0.50	0.15/0.50
Airflow CFM‡	Heating	865	1250	720	1195	1350	1300	1505
	Cooling	835	1160	870	1200	1505	1385	1635
<b>ELECTRICAL</b>								
Unit Volts-Hertz-Phase		115-60-1						
Operating Voltage Range	Min-Max	104-127						
Maximum Unit Amps		5.2	7.2	5.1	7.2	9.5	8.6	10.0
Maximum Wire Length (Measure 1 Way in Ft (M))		49 (14.9)	37 (11.2)	51 (15.5)	38 (11.5)	29 (8.8)	32 (9.7)	28 (8.5)
Minimum Wire Size		14						
Maximum Fuse or Ckt Bkr Size (Amps)**		15						
Transformer (24v)		40va						
External Control	Heating	12va						
Power Available	Cooling	35va						
Air Conditioning Blower Relay		Standard						
<b>CONTROLS</b>								
Limit Control		SPST						
Heating Blower Control		Solid-State Time Operation						
Burners (Monoport)		2	2	3	3	3	4	4
Gas Connection Size		1/2-in. NPT						
<b>GAS CONTROLS</b>								
Gas Valve (Redundant)		White-Rodgers						
	Min. inlet pressure (in. W.C.)	4.5 (Natural Gas)						
	Max. inlet pressure (in. W.C.)	13.6 (Natural Gas)						
Ignition Device		Hot Surface						
<b>BLOWER DATA</b>								
Direct-Drive Motor HP (PSC)		1/5	1/3	1/5	1/3	1/2	1/3	1/2
Motor Full Load Amps		2.8	5.2	2.8	5.2	7.1	5.2	7.1
RPM (Nominal)-Speeds		1075-3	1075-3	1075-3	1075-3	1075-3	1075-3	1075-3
Blower Wheel Diameter x Width - In. (mm)		10 x 6 (254 x 152)	10 x 6 (254 x 152)	10 x 6 (254 x 152)	10 x 6 (254 x 152)	11 x 8 (279 x 203)	10 x 8 (254 x 203)	10 x 10 (254 x 254)
<b>FILTER ARRANGEMENT</b>		External filter rack required						

\* Gas input ratings are certified for elevations to 2000 ft. (610 M). For elevations above 2000 ft (610 M), reduce ratings 4 percent for each 1000 ft (305 M) above sea level. In Canada, derate the unit 10 percent for elevations 2000 ft (610 M) to 4500 ft (1372 M) above sea level. Refer to National Fuel Gas Code NFPA 54/ANSI Z223.1-2012 Table F.1 (d) or furnace installation instructions.

† Capacity in accordance with U.S. Government DOE test procedures.

‡ Airflow shown is for bottom only return-air supply for the as-shipped speed tap. For air delivery above 1800 CFM, see Air Delivery table for other options. A filter is required for each return-air supply. An airflow reduction of up to 7 percent may occur when using the factory-specified 4-5/16 in. (110 mm) wide, high efficiency media filter.

\*\* Time-delay type is recommended.

ICS Isolated Combustion System

N/A Not applicable

**SPECIFICATIONS continued**

UNIT SIZE		060090	036110	048110	066110	048135	066135	060155
<b>RATINGS AND PERFORMANCE</b>								
Input Btuh*	PG8JAA Upflow; all PG8MAA	88,000	110,000	110,000	110,000	132,000	132,000	154,000
Non-weatherized ICS	PG8JAA Downflow/Horizontal	84,000	105,000	105,000	105,000	126,000	126,000	147,000
Output Capacity (Btuh)†	PG8JAA Upflow; all PG8MAA	71,000	89,000	89,000	89,000	107,000	107,000	125,000
Non-weatherized ICS	PG8JAA Downflow/Horizontal	68,000	85,000	85,000	85,000	102,000	102,000	119,000
AFUE‡		80.0	80.0	80.0	80.0	80.0	80.0	80.0
Certified Temperature Rise Range ° F (° C)		25-55 (14-30)	50-80 (28-44)	40-70 (22-39)	30-60 (17-33)	50-80 (28-44)	40-70 (22-39)	45-75 (25-41)
Certified External Static Pressure	Heat/Cool	0.15/0.50	0.20/0.50	0.20/0.50	0.20/0.50	0.20/0.50	0.20/0.50	0.20/0.50
Airflow CFM‡	Heating	1900	1295	1515	1840	1480	1830	1790
	Cooling	2025	1355	1655	2160	1710	2085	2215
<b>ELECTRICAL</b>								
Unit Volts-Hertz-Phase		115-60-1						
Operating Voltage Range	Min-Max	104-127						
Maximum Unit Amps		14.1	8.6	10.2	15.1	10.5	14.5	15.4
Maximum Wire Length (Measure 1 Way in Ft (M))		31 (9.4)	32 (9.7)	27 (8.2)	29 (8.8)	27 (8.2)	30 (9.1)	29 (8.8)
Minimum Wire Size		12	14		12	14	12	
Maximum Fuse or Ckt Bkr Size (Amps)**		20	15		20	15	20	
Transformer (24v)		40va						
External Control	Heating	12va						
Power Available	Cooling	35va						
Air Conditioning Blower Relay		Standard						
<b>CONTROLS</b>								
Limit Control		SPST						
Heating Blower Control		Solid-State Time Operation						
Burners (Monoport)		4	5	5	5	6	6	7
Gas Connection Size		1/2-in. NPT						
<b>GAS CONTROLS</b>								
Gas Valve (Redundant)		White-Rodgers						
	Min. inlet pressure (in. W.C.)	4.5 (Natural Gas)						
	Max. inlet pressure (in. W.C.)	13.6 (Natural Gas)						
Ignition Device		Hot Surface						
<b>BLOWER DATA</b>								
Direct-Drive Motor HP (PSC)		3/4	1/3	1/2	3/4	1/2	3/4	3/4
Motor Full Load Amps		11.8	5.2	7.1	11.8	7.1	11.8	11.8
RPM (Nominal)-Speeds		1075-3	1075-3	1075-3	1075-3	1075-3	1075-3	1075-3
Blower Wheel Diameter x Width - In. (mm)		11 x 11 (279 x 279)	10 x 8 (254 x 203)	10 x 10 (254 x 254)	11 x 11 (279 x 279)	10 x 10 (254 x 254)	11 x 11 (279 x 279)	11 x 11 (279 x 279)
<b>FILTER ARRANGEMENT</b>		External filter rack required						

**PG8MAA / JAA**

\* Gas input ratings are certified for elevations to 2000 ft. (610 M). For elevations above 2000 ft (610 M), reduce ratings 4 percent for each 1000 ft (305 M) above sea level. In Canada, derate the unit 10 percent for elevations 2000 ft (610 M) to 4500 ft (1372 M) above sea level. Refer to National Fuel Gas Code NFPA 54/ANSI Z223.1-2012 Table F.1 (d) or furnace installation instructions.

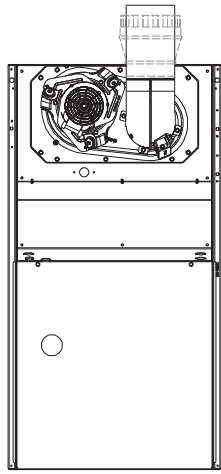
† Capacity in accordance with U.S. Government DOE test procedures.

‡ Airflow shown is for bottom only return-air supply for the as-shipped speed tap. For air delivery above 1800 CFM, see Air Delivery table for other options. A filter is required for each return-air supply. An airflow reduction of up to 7 percent may occur when using the factory-specified 4-5/16 in. (110 mm) wide, high efficiency media filter.

\*\* Time-delay type is recommended.

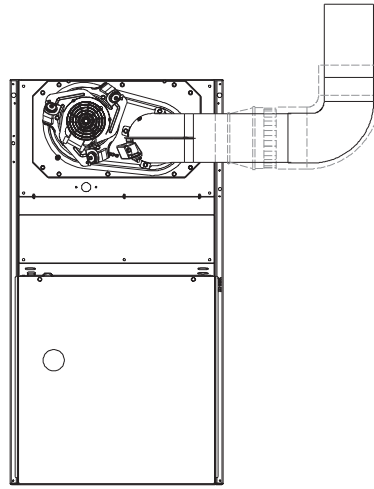
ICS Isolated Combustion System

N/A Not applicable



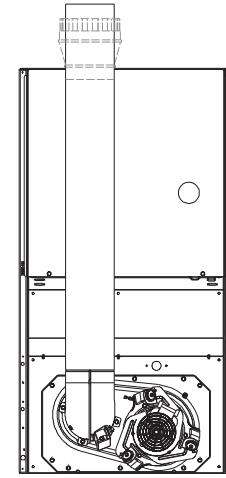
SEE NOTES: 1,2,4,7,8,9  
**UPFLOW**

A02058



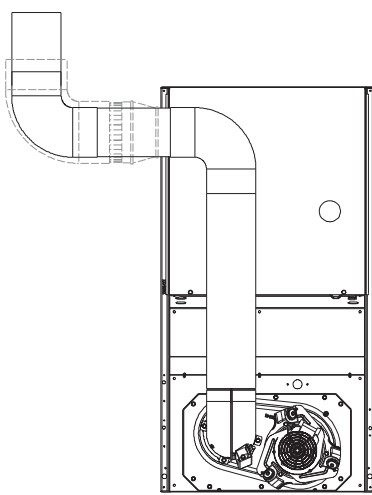
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**UPFLOW**

A02059



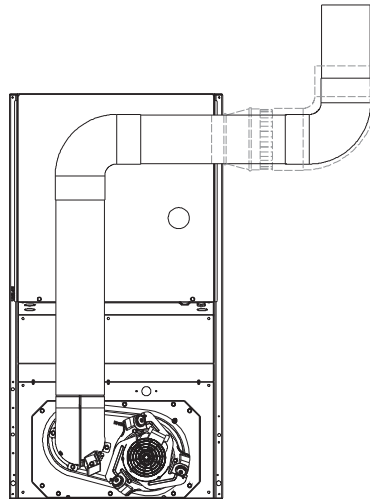
SEE NOTES: 1,2,4,5,7,8,9  
**DOWNFLOW**

A02061



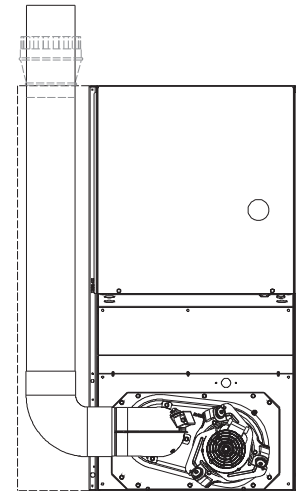
SEE NOTES: 1,2,3,4,5,7,8,9  
**DOWNFLOW**

A02060



SEE NOTES: 1,2,3,4,5,7,8,9  
**DOWNFLOW**

A02063

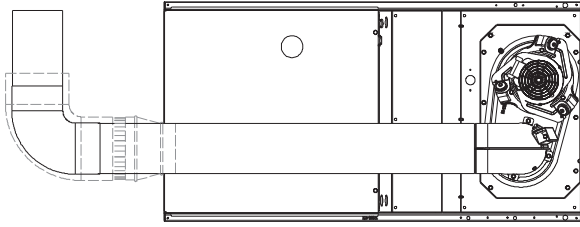


SEE NOTES: 1,2,4,5,6,7,8,9  
**DOWNFLOW**

A02062

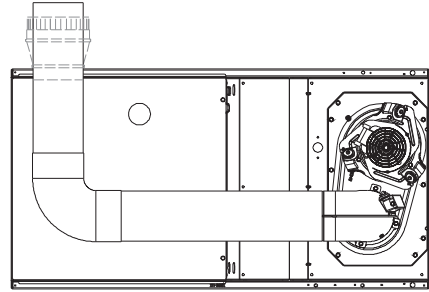
**Venting Notes**

1. For common vent, vent connector sizing and vent material: United States, latest edition of the National Fuel Gas Code (NFPA), ANSI Z223.1/NFPA 54.
2. Immediately increase to 5-in. (127 mm) vent connector outside furnace casing when 5-in. (127 mm) vent connector required, refer to Note 1.
3. Side outlet vent for upflow and downflow installations must use Type B vent immediately after exiting the furnace, except when accessory Downflow Vent Guard is used in downflow position.
4. Type B vent where required, refer to Note 1.
5. 4-in. (102 mm) single wall vent must be used inside furnace casing and the Downflow Vent Guard Kit.
6. Accessory Downflow Vent Guard Kit required in downflow installations with bottom vent configuration.
7. Chimney Adapter Kit required for exterior masonry chimney applications. Refer to Chimney Adapter Kits for sizing and complete application details.
8. Secure vent connector to furnace elbow with (2) corrosion-resistant sheet metal screws, space approximately 180° apart.
9. Secure all other single wall vent connector joints with (3) corrosion-resistant screws spaced approximately 120° apart. Secure Type B vent connectors per vent connector manufacturer's recommendations.



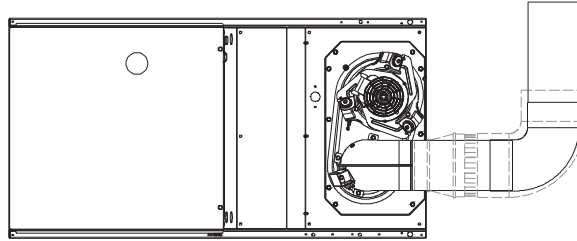
SEE NOTES: 1,2,4,5,7,8,9  
HORIZONTAL RIGHT

A02068



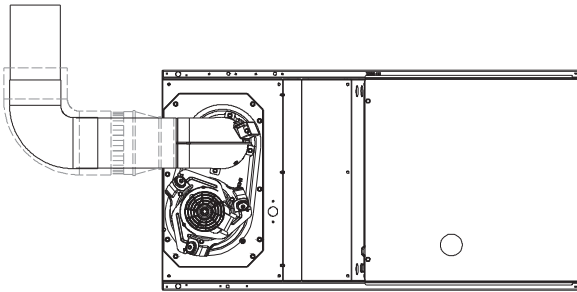
SEE NOTES: 1,2,4,5,7,8,9  
HORIZONTAL RIGHT

A02070



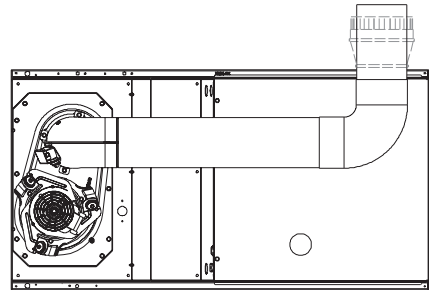
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HORIZONTAL RIGHT

A02069



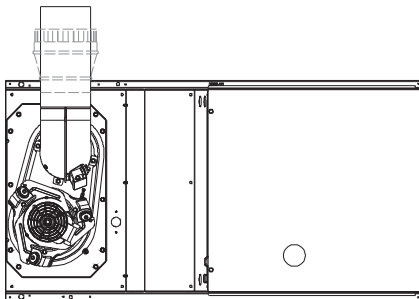
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HORIZONTAL LEFT

A02064



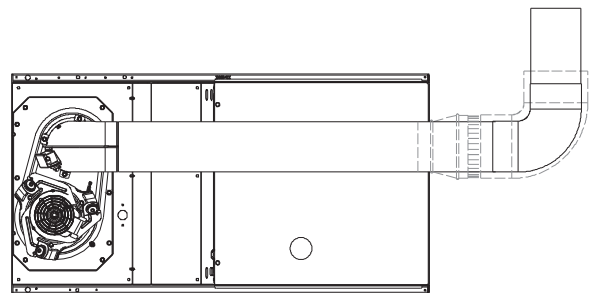
SEE NOTES: 1,2,4,5,7,8,9  
HORIZONTAL LEFT

A02065



SEE NOTES: 1,2,4,5,7,8,9  
HORIZONTAL LEFT

A02066



SEE NOTES: 1,2,4,5,7,8,9  
HORIZONTAL LEFT

A02067

PG8MAA / JAA

# ACCESSORIES

DESCRIPTION	PART NO.	024045	036045	024070	036070	048070	042090	048090	060090	036110	048110	066110	048135	066135	060155
External Bottom Return Filter Rack	KGBFR0401B14	X	X	X	X										
	KGBFR0501B17					X	X			X					
	KGBFR0601B21							X	X		X	X	X		
	KGBFR0701B24													X	X
External Side Return Filter Rack	KGAFR0201ALL	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Unframed Filter, 3/4-in. (19 mm)	KGAWF1306UFR†	X	X	X	X	X	X			X					
	KGAWF1406UFR							X	X		X	X	X		
	KGAWF1506UFR													X	X
Flue Extension	KGAFE0112UPH	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Twinning Kit	KGATW0601HSI	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Combustible Floor Base	KGASB0201ALL	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Downflow Vent Guard	KGBVG0101DFG	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vent Extension Kit	KGAVE0101DNH	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Chimney Adapter Kit	KGACA02014FC	X	X	X	X	X	X	X	X	X	X	X			
	KGACA02015FC												X	X	X
Natural-to-Propane Conversion Kit *	KGBNP50011SP	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Propane-to-Natural Conversion Kit	KGBPN42011SP	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Label Kit	KGALB0301KIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Gas Orifice	LH32DB207	See Installation Instructions for model, altitude, and heat value usages.													
	LH32DB202														
	LH32DB200														
	LH32DB205														
	LH32DB208														
	LH32DB078														
	LH32DB076														
	LH32DB203														
	LH32DB201														
	LH32DB206														
	LH32DB209														
	LH32DB210														

PG8MAA / JAA

- \* Factory authorized, field installed. Fuel conversion kits are CSA (formerly AGA/CGA) recognized.
- † Suitable for Side Return Filter Rack.
- X Accessory
- S Standard



**AIR DELIVERY—CFM (With Filter)\***

FURNACE SIZE	RETURN—AIR INLET	SPEED	EXTERNAL STATIC PRESSURE (In. W.C.)									
			0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
024045	Bottom or Side(s)	High	1035	995	945	895	835	770	675	565	390	195
		Med—High	865	830	790	745	690	625	545	440	250	195
		Med—Low	760	720	680	635	580	520	445	345	220	195
036045	Bottom or Side(s)	High	1440	1375	1305	1240	1160	1070	975	870	730	560
		Med—High	1360	1300	1240	1175	1115	1040	950	850	725	575
		Med—Low	1250	1210	1160	1100	1040	965	885	790	670	520
024070	Bottom or Side(s)	High	1030	1005	965	925	870	810	740	645	465	280
		Med—High	835	815	790	755	710	660	590	480	325	205
		Med—Low	725	700	675	635	595	545	460	350	250	--
036070	Bottom or Side(s)	High	1425	1375	1320	1265	1200	1125	1035	940	830	655
		Med—High	1320	1280	1240	1205	1140	1075	995	905	790	620
		Med—Low	1200	1175	1145	1105	1050	990	920	840	725	555
048070	Bottom or Side(s)	High	1755	1700	1635	1570	1505	1435	1350	1260	1160	1055
		Med—High	1550	1520	1475	1430	1375	1310	1240	1155	1070	970
		Med—Low	1355	1340	1310	1280	1240	1190	1125	1060	975	890
042090	Bottom or Side(s)	High	1605	1570	1535	1465	1385	1285	1175	1055	895	645
		Med—High	1470	1445	1410	1380	1300	1220	1115	990	830	600
		Med—Low	1310	1295	1265	1230	1195	1120	1025	915	710	565
048090	Bottom or Side(s)	High	1940	1880	1805	1720	1635	1540	1425	1290	1090	830
		Med—High	1740	1700	1650	1590	1525	1440	1335	1195	1010	820
		Med—Low	1505	1505	1480	1440	1375	1300	1190	1045	890	740
060090	Bottom Only	High	2405	2310	2220	2130	2025	1920	1790	1660	1530	1350
		Med—High	2170	2110	2040	1970	1895	1785	1675	1565	1420	1260
		Med—Low	1920	1875	1835	1780	1715	1630	1535	1420	1275	1135
	Both Sides or 1 Side & Bottom	High	2530	2450	2365	2270	2165	2065	1940	1805	1670	1505
		Med—High	2230	2170	2110	2050	1985	1890	1780	1660	1525	1360
		Med—Low	1895	1890	1845	1815	1755	1685	1600	1480	1350	1180
	1Side Only	High	2475	2395	2300	2200	2090	1985	1865	1730	1585	1425
		Med—High	2105	2145	2070	2010	1940	1845	1735	1620	1475	1325
		Med—Low	1850	1860	1810	1770	1715	1650	1555	1445	1310	1150
036110	Bottom or Side(s)	High	1600	1550	1490	1425	1355	1260	1135	990	785	530
		Med—High	1475	1435	1395	1335	1285	1185	1070	890	725	450
		Med—Low	1315	1295	1265	1220	1155	1080	985	810	675	440
048110	Bottom or Side(s)	High	1980	1915	1835	1750	1655	1495	1365	1185	965	700
		Med—High	1745	1710	1650	1560	1450	1340	1205	1090	865	605
		Med—Low	1530	1515	1470	1400	1310	1215	1095	990	830	670
066110	Bottom Only	High	2485	2415	2340	2255	2160	2080	1950	1840	1720	1565
		Med—High	2135	2100	2060	2000	1930	1860	1765	1670	1555	1425
		Med—Low	1855	1840	1815	1775	1725	1675	1600	1510	1405	1290
	Bottom Sides or 1 Side & Bottom	High	--	--	2355	2285	2190	2090	1965	1850	1705	1535
		Med—High	2140	2100	2050	1990	1935	1865	1760	1670	1545	1410
		Med—Low	1855	1840	1815	1775	1725	1675	1600	1510	1405	1290
	1Side Only	High	2495	2440	2370	2290	2205	2120	2015	1910	1775	1625
		Med—High	2030	2025	2000	1950	1905	1850	1750	1660	1555	1425
		Med—Low	--	1735	1725	1695	1650	1595	1535	1455	1335	1230

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\* A filter is required for each return—air inlet. Airflow performance included 3/4—in. (19 mm) washable filter media such as contained in factory—authorized accessory filter rack. To determine airflow performance without this filter, assume an additional 0.1 In. W.C. available external static pressure.  
 -- Indicates unstable operating conditions.

# AIR DELIVERY—CFM (With Filter)\* continued

FURNACE SIZE	RETURN—AIR INLET	SPEED	EXTERNAL STATIC PRESSURE (In. W.C.)									
			0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
048135	Bottom or Side(s)	High	2065	2000	1930	1835	1710	1590	1420	1235	1025	835
		Med—High	1790	1755	1705	1640	1550	1465	1295	1145	945	775
		Med—Low	1480	1480	1480	1450	1380	1295	1160	1005	855	670
066135	Bottom Only	High	2445	2365	2280	2190	2085	1980	1850	1705	1520	1355
		Med—High	2130	2080	2025	1960	1880	1795	1690	1550	1405	1255
		Med—Low	1860	1830	1800	1755	1705	1630	1530	1415	1280	1140
	Bottom, Sides or 1 Side & Bottom	High	--	--	2355	2280	2160	2065	1930	1805	1655	1465
		Med—High	2120	2075	1995	1970	1905	1835	1735	1645	1515	1325
		Med—Low	1860	1830	1800	1755	1725	1630	1530	1415	1280	1140
1 Side Only	High	--	--	2215	2130	2030	1920	1795	1675	1540	1385	
	Med—High	2070	2015	1970	1935	1855	1765	1655	1550	1445	1265	
	Med—Low	1860	1830	1800	1755	1725	1630	1530	1415	1280	1140	
060155	Bottom Only	High	2465	2430	2375	2305	2215	2110	2000	1865	1715	1530
		Med—High	2115	2095	2055	2005	1940	1845	1820	1675	1525	1390
		Med—Low	1800	1790	1770	1735	1695	1640	1570	1465	1345	1225
	Both Sides Or 1 Side & Bottom	High	--	--	2375	2285	2185	2105	1995	1870	1720	1555
		Med—High	2155	2125	2075	2015	1935	1830	1780	1635	1485	1365
		Med—Low	1800	1790	1770	1735	1695	1640	1570	1465	1345	1225
	1 Side Only	High	--	--	2260	2180	2070	1975	1865	1740	1595	1440
		Med—High	2140	2085	2020	1950	1850	1745	1695	1545	1415	1290
		Med—Low	1800	1790	1770	1735	1695	1640	1570	1465	1345	1225

\* A filter is required for each return—air inlet. Airflow performance included 3/4-in. (19 mm) washable filter media such as contained in factory—authorized accessory filter rack. To determine airflow performance without this filter, assume an additional 0.1 In. W.C. available external static pressure.

-- Indicates unstable operating conditions.

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