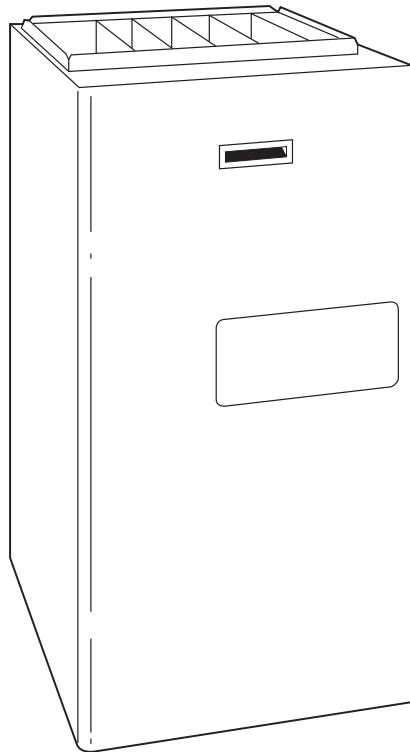


353BAV Plus 90x
4-Way MultiPoise Condensing Gas Furnace
Input Rates: 60,000 thru 120,000 Btuh



Product Data

4-WAY MULTIPOISE DESIGN ALLOWS MORE APPLICATIONS



A05085

A UNIQUE SEER SOLUTION

The *Plus* 90x is an exciting addition to your product line. This high-efficiency two-stage 4-way multiPoise design furnace allows more applications while the ECM motor and Bryant's control logic combine to provide a SEER increase of up to 1.5 points.* The *Plus* 90x is available in 5 heat/air-flow combinations and with the 4-way multiPoise design can be installed in upflow, downflow, or horizontal positions covering up to 20 applications.

Some of Bryant's best-engineered components contribute to the efficient performance of this condensing furnace. The *Plus* 90x utilizes Power Light™ hot surface ignition (HSI), which ignites the burners directly. HSI eliminates gas waste that typical continuous-pilot designs can bring. Hot surface ignition has proven to contribute to reliable start-up and operation of Bryant furnaces.

Another deluxe feature included with this furnace is Bryant's trusted Everlastic™ secondary heat exchanger; a patented polypropylene laminate that provides exceptional heat transfer and corrosion resistance. Using the exclusive flow-through design, the secondary heat exchanger reduces the pressure drop in the furnace resulting in lower electrical usage. The high efficiency achieved by superior heat transfer is made only

better—by optimizing the efficient ECM motor speed tap locations.

A standard media filter cabinet accessory is provided with the *Plus* 90x in order to provide an opportunity to enhance indoor air quality. As with all other Bryant furnaces, this model is designed to work as a part of the total home comfort system which includes elements for cooling, air cleaning, humidification, ventilation and zoning. Boosting the unit's efficiency with the ECM motor and Bryant's deluxe features show the *Plus* 90x has been designed with the homeowner in mind.

PLUS 90X FEATURES & BENEFITS

Perfect Heat™ — The *Plus* 90x combines two heating stages to vary the amount of gas being used from low-heat to high-heat stage. The low-stage operation allows longer running periods, which helps maintain your most comfortable temperature, prevents drafts, reduces noise, and enhances the air quality of your home. During extreme cold, the high-heat stage will run to ensure that you are still comfortable.

Everlastic™ — Exclusive Everlastic coating, a patented polypropylene laminate is used on the secondary heat exchanger and greatly reduces maintenance.

Perfect Light™ Igniter — Bryant's unique Perfect Light™ igniter is not only physically robust but it is also electrically robust. It is capable of running at line voltage and does not require complex voltage regulators as do other brands. This unique feature further enhances the reliability of the *Plus* 90x gas furnace and continues Bryant's tradition of technology leadership and innovation in providing a reliable and durable product.

FanOn™ — Improves comfort all year long by allowing the homeowner to select different fan speeds during continuous fan operation to achieve more or less airflow. This is done right at the thermostat.

SmartEvap™ — This feature allows your system to reduce summertime humidity levels by nearly 10% over standard systems.

Media Filter Cabinet — Enhanced indoor air quality in your home is made easier with our media filter cabinet—a standard accessory on all Deluxe furnaces. When installed as a part of your system, this cabinet allows for easy and convenient addition of a Bryant high-efficiency air filter.

Control Center — A microprocessor controls sequencing and furnace operation. Equipped with a component test feature and status indicator light to assist in troubleshooting. The microprocessor controls blower times to start blower after main burners ignite to eliminate cold air blowing into rooms.

*as compared to the Air-Conditioning, Heating and Refrigeration Institute's standard coil-only rating (A/Cs up to 3.5 tons) when paired with selected Bryant evaporator coils.

Direct or Non-direct Venting — The Preferred Series *Plus* 90x can be installed as a one-pipe/non-direct vent (except 140 size) or two-pipe/direct vent furnace. This provides added flexibility to meet diverse installation needs.

Insulated Blower Compartment — The acoustical insulation reduces air and motor noise to promote quiet operation.

Combustion Products Venting — The combustion-air and vent pipes can terminate through a side wall or through the roof when used with a factory-authorized vent termination kit.

Insulation — Foil-faced insulation in heat exchanger section of the casing minimizes heat loss.

Bottom Closure — Factory-installed for side return; easily removable for bottom return.

Filter — Cleanable filter with retainer is standard.

Blower Access Panel Switch — Shuts off all 115-v power through furnace components whenever blower access panel is opened.

Casing — One piece, seamless wrap-around construction of heavy, galvanized steel that resists corrosion.

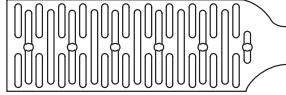
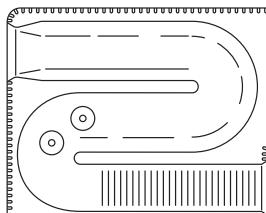
Adjustable Blower Speed — For precise airflow selection of heating or cooling operation.

Monoport Burners — The burners are finely tuned for smooth, quiet combustion plus economical gas usage.

Slow Opening Redundant Gas Valve — Shuts off gas to burners if any of the valves fails to close completely for any reason. The slow opening feature reduces start-up noise from rapid ignition.

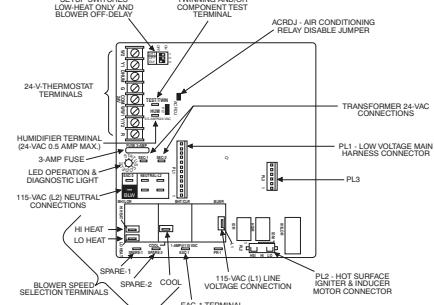
Quality Registration — The *Plus* 90x is engineered and manufactured under an ISO 9001 registered quality system.

Certifications — The *Plus* 90x Model units are CSA (A.G.A. and C.G.A.) design certified for use with natural and propane gases. The furnace is factory-shipped for use with natural gas. A CSA listed gas conversion kit is required to convert furnace for use with propane gas. The efficiency is AHRI efficiency rating certified. The *Plus* 90x meets California Air Quality Management District emission requirements. Refer to Vent Table, for elevation limitations.



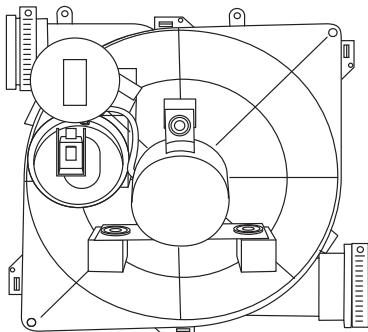
HEAT EXCHANGERS

A92505



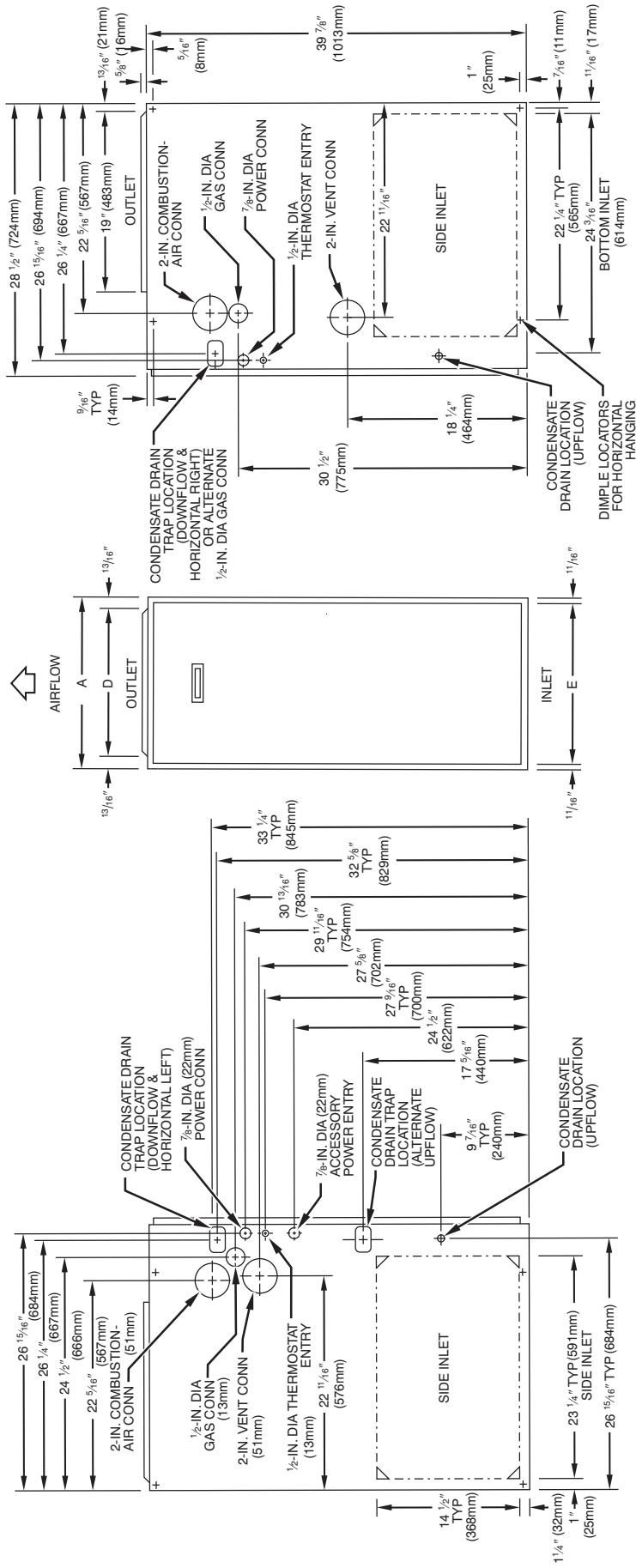
CONTROL CENTER

A02017



INDUCER ASSEMBLY

A01160



NOTES:

1. Minimum return-air openings at furnace, based on metal duct. If flex duct is used, see flex duct manufacturer's recommendations for equivalent diameters.
2. Minimum return-air opening at furnace:

- a. For 800 CFM 16-in. (406mm) round or 14 1/2-in. (368mm) x 12-in. (305mm) rectangle.
- b. For 1200 CFM 20-in. (508mm) round or 14 1/2-in. (368mm) x 19 1/4-in. (495mm) rectangle.
- c. For 1600 CFM 22-in. (559mm) round or 14 1/2-in. (368mm) x 23 1/4-in. (591mm) 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 at 0.5" W.C. ESP.

DIMENSIONS – IN. (MM)

UNIT SIZE	A	B	C	D	E
036060	17-1/2 (445)			15-7/8 (403)	16 (406)
036080	17-1/2 (445)			15-7/8 (403)	16 (406)
048080	17-1/2 (445)			15-7/8 (403)	16 (406)
060100	21 (533)			19-3/8 (492)	19-1/2 (495)
060120	24-1/2 (622)			22-7/8 (581)	23 (584)

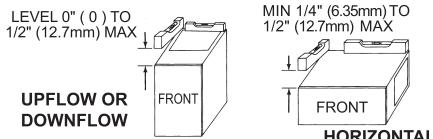
CLEARANCE TO COMBUSTIBLES

INSTALLATION

- This forced air furnace is equipped for use with natural gas at altitudes 0 - 10,000 ft (0 - 3,050m), except 140 size furnaces are only approved for altitudes 0 - 7,000 ft. (0 - 2,135m).
- 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 in a manufactured (mobile) home when stated on rating plate and using factory authorized kit..
- This furnace may be installed on combustible flooring in alcove or closet at **Minimum Inches Clearance To Combustible Construction** as described below.
- This furnace requires a special venting system. Refer to the installation instructions for parts list and method of installation. In the US this furnace is for use with schedule-40 PVC, PVC-DWV, CPVC, or ABS-DWV pipe, and must not be vented in common with other gas-fired appliances. In Canada, refer to installation instructions for vent materials. Construction through which vent/air intake pipes may be installed is maximum 24 inches (610 mm), minimum 3/4 inches (19 mm) thickness (including roofing materials).
- Cette fournaise à air pulsé est équipée pour utilisation avec gaz naturel et altitudes comprises entre 0 - 3,050m (0 - 10,000 pi), excepté quelques fournaises de 140 taille sont pour altitudes comprises entre 0 - 2,135m (0 - 7,000pi).
- Utiliser une trousse de conversion, fournie par le fabricant, pour passer au gaz propane ou pour certaines installations au gaz naturel.
- Cette fournaise à air pulsé est pour installation à l'intérieur dans un bâtiment construit sur place. Cette fournaise à air pulse peut être installée dans une maison préfabriquée (maison mobile) si prescrit par la plaque signalétique et s'il on utilise une trousse spécifiée par le fabricant.
- Cette fournaise peut être installée sur un plancher combustible dans un enfoncement ou un placard en observant les **Dégagement Minimum En Pouces Avec Éléments De Construction Combustibles**.
- Cette fournaise nécessite un système d'évacuation spécial. La méthode d'installation et la liste des pièces nécessaires figurent dans les instructions d'installation. Aux Etats-Unis, cette fournaise doit s'utiliser avec la tuyauterie des nomenclatures 40 PVC, PVC-DWV, CPVC, ou ABS-DWV et elle ne peut pas être ventilée conjointement avec d'autres appareils à gaz. Au Canada, referer aux instructions d'installation pour les matériaux à ventiler. Épaisseur de la construction au travers de laquelle il est possible de faire passer les tuyaux d'aération (admission/évacuation): 24 po (610 mm) maximum, 3/4 po (19mm) minimum (y compris la toiture).

For upflow and downflow applications, furnace must be installed level, or pitched within 1/2" (12.7mm) of level. For a horizontal application, the furnace must be pitched minimum 1/4" (6.35mm) to maximum of 1/2" (12.7mm) forward for proper drainage. See Installation Manual for **IMPORTANT** unit support details on horizontal applications.

Pour des applications de flux ascendant et descendant, la fournaise doit être installée de niveau ou inclinée à plus de 1/2" (12.7mm) du niveau. Pour une application horizontale, la fournaise doit être inclinée entre minimum 1/4" (6.35mm) et maximum 1/2" (12.7mm) du niveau pour le drainage approprié. En cas d'installation en position horizontale, consulter les renseignements **IMPORTANTS** sur le support dans le manuel d'installation.



MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION

ALL POSITIONS:

- * Minimum front clearance for service 24 inches (610mm).
- † † 140 size furnaces require 1 inch back clearance to combustible materials.

DOWNFLOW POSITIONS:

- † For installation on combustible floors only when installed on special base No. KGASB0201ALL or NAHA01101SB, Coil Assembly, Part No. CAR, CAP, CNPV, CNRV or Coil Casing, Part No. KCAKC, or WENC or WTNC.

HORIZONTAL POSITIONS:

Line contact is permissible only between lines formed by intersections of top and two sides of furnace jacket, and building joists, studs, or framing.

§ Clearance shown is for air inlet and air outlet ends.

Ø 120 and 140 size furnaces require 1 inch bottom clearance to combustible materials.

DÉGAGEMENT MINIMUM EN POUCES AVEC ÉLÉMENTS DE CONSTRUCTION COMBUSTIBLES

POUR TOUTES LES POSITIONS:

- * Dégagement avant minimum de 24 po (610mm) pour l'entretien.
- † † Pour les fournaises de 140 taille, 1 po (25mm) dégagement des matériaux combustibles est requis au-arrière.

POUR LA POSITION COURANT DESCENDANT:

- † Pour l'installation sur le plancher combustible seulement quand on utilise la base spéciale, pièce n° KGASB0201ALL ou NAHA01101SB, l'ensemble serpentin, pièce n° CAR, CAP, CNPV, CNRV, ou le carter de serpentin, pièce n° KCAKC ou WENC ou WTNC.

POUR LA POSITION HORIZONTALE:

Le contact n'est permis qu'entre les lignes formées par les intersections du dessus et des deux côtés de la chemise de la fournaise, et des solives, des montants ou de la charpente du bâtiment.

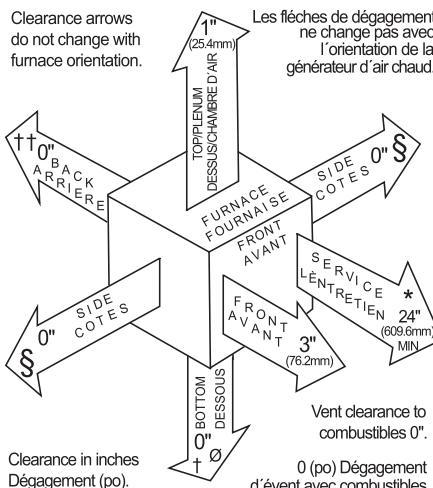
§ La distance indiquée concerne l'extrémité du tuyau d'arrivée d'air et l'extrémité du tuyau de sortie d'air.

Ø Pour les fournaises de 120 et 140 taille, 1 po (25mm) dégagement des matériaux combustibles est requis au-dessous.

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

Cette fournaise est approuvée pour l'installation HORIZONTALE et la circulation d'air VERS LE HAUT et VERS LE BAS.

Clearance arrows do not change with furnace orientation.



335122-201 REV. B LIT TOP

A08435



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



ISO 9001
QMI-SAI Global

Always Ask For
FACTORY AUTHORIZED PARTS

SPECIFICATIONS

353BAV

UNIT SIZE			036060	036080	048080	060100	060120	
CAPACITY* Direct Vent (2 – pipe) (Shaded capacities are specified on the rating plate)	Low	Upflow	37000	49000	49000	61000	73000	
		Downflow	36000	49000	49000	61000	73000	
		Horizontal	36000	49000	49000	61000	73000	
	High	Upflow	56000	75000	75000	93000	113000	
		Downflow	56000	75000	75000	93000	112000	
		Horizontal	56000	74000	74000	93000	112000	
CAPACITY* Non-Direct vent (1-pipe)	Low	Upflow	36000	49000	49000	61000	73000	
		Downflow	36000	49000	49000	61000	73000	
		Horizontal	36000	48000	49000	61000	73000	
	High	Upflow	56000	75000	75000	94000	113000	
		Downflow	56000	75000	75000	93000	112000	
		Horizontal	56000	74000	74000	93000	112000	
AFUE* Direct Vent (2-pipe) Nonweatherized ICS		Upflow			92.5			
		Downflow			91			
		Horizontal			92.1			
AFUE* Non-Direct Vent (1-pipe) Nonweatherized ICS		Upflow			92.1			
		Downflow			90.7			
		Horizontal			91.7			
Input Btu/h †	Low		39000	52000	52000	65000	78000	
	High		60000	80000	80000	100000	120000	
CERTIFIED TEMPERATURE RANGE(F)	High	30–60 (16.5–33)	40–70 (22–38.5)	30–60 (16.5–33)	30–60 (16.5–33)	30–60 (16.5–33)	40–70 (22–38.5)	
		20–50 (11–27.5)	30–60 (16.5–33)	30–60 (16.5–33)	30–60 (16.5–33)	30–60 (16.5–33)	30–60 (16.5–33)	
CERTIFIED EX STATIC PRESSURE (IN. W.C.)		Heating	0.12	0.15	0.15	0.20	0.20	
		Cooling	0.50	0.50	0.50	0.50	0.50	
AIRFLOW (CFM)‡		High Heat	1040	1180	1450	1890	2065	
		Low Heat	635	835	910	935	1425	
		Cooling	1250	1240	1620	1635	1925	
ELECTRICAL								
Unit Volts–Hertz–Phase					115–60–1			
Operating Voltage Range Min–Max**					104 – 127			
Maximum Unit Amps			8.2	8.3	9.9	12.1	12.4	
Unit Ampacity††			11	11	13	15.9	16.2	
Minimum Wire Size			14	14	14	12	12	
Maximum Wire Length (Ft / M)‡‡			33 (10.0)	33 (10.0)	28 (8.5)	36 (11.0)	35 (10.7)	
Maximum Fuse Size or Ckt Bkr Amps†††			15	15	20	20	20	
Transformer (24v)					40va			
External Control Power Available		Heating			19			
		Cooling			35			
Air Conditioning Blower Relay					Standard			
CONTROLS								
Limit Control					SPST			
Heating Blower Control (Off Delay)					Selectable 90, 120, 150, or 180 seconds			
Burners (Monoport)			3	4	4	5	6	
Gas Connection Size					1/2-in. (13 mm) NPT			
GAS CONTROLS								
2-Stage Redundant Gas Valve		Manufacturer			White–Rodgers			
		Min. Inlet Pressure (in. wc)			4.5 (Natural Gas)			
		Max. Inlet Pressure (in. wc)			13.5 (Natural Gas)			
Ignition Device					Hot Surface			
BLOWER DATA								
Direct–Drive Motor HP ECM–X–13			1/2	1/2	3/4	1	1	
Motor Full Load Amps			6.8	6.8	8.4	10.9	10.9	
RPM (Nominal)–Speeds			1050–5	1050–5	1050–5	1050–5	1050–5	
Blower Wheel Diameter x Width – In. (mm)			10 X 7 (254 X 178)	10 X 7 (254 X 178)	11 X 8 (279 X 203)	11 X 10 (203 X 254)	11 X 10 (203 X 254)	
Filter Size (In. / mm)–Permanent Washable					(1) 16 X 25 X 3/4 (406 X 635 X 19)	(1) 20 X 25 X 3/4 (508 X 635 X 19)	(1) 24 X 25 X 3/4 (610 X 635 X 19)	

See notes at end of table.

SPECIFICATIONS (CONT)

FACTORY-AUTHORIZED AND LISTED DEALER-INSTALLED OPTIONS	
Gas Conversion Kit – Natural-to-Propane	KGANP4901AAA
Gas Conversion Kit – Propane-to-Natural	KGAPN4701AAA
Twining Kit	N/A
Downflow Base***	KGASB0301ALL
Vent Termination Kit (Bracket Only for 2 Pipes)	2-in. (51 mm) – KGAVT0101BRA 3-in. (76 mm) – KGAVT0201BRA
Concentric Vent Termination Kit (Single Exit)	2-in. (51 mm) – KGAVT0701CVT 3-in. (76 mm) – KGAVT0801CVT
Condensate Freeze Protection Kit	KGAHT0101CFP
Condensate Neutralizer Kit (Obtained thru RCD)	P908-0001
Vent Exhaust Pipe External Trap Kit	KGAET0106ETK
Door Gasket Kit	KGBAC011DGK
Unframed Filter, Permanent Washable 3/4" (19 mm) 16 x 25 (406 x 635)	KGAWF1306UFR
Unframed Filter, Permanent Washable 3/4" (19 mm) 24 x 25 (610 x 635)	KGAWF1506UFR

*U.S.A. – Gas input ratings are certified for elevations to 2000 ft. (610 M). For elevations above 2000 ft (610 M), reduce ratings 2% for each 1000 ft. (305 M) above sea level. In Canada, derate the unit 5% for elevations 2000 to 4500 ft. (610 to 1372 M) above sea level.

†Capacity and AFUE in accordance with U.S. Government DOE test procedures Effective November 10, 1997.

- ‡
- Airflow shown is with factory-supplied 3/4-in. (19 mm) washable filter(s).
 - For air delivery above 1800 CFM, see Air Delivery table for other options.
 - An airflow reduction of up to 7% may occur when using the factory-specified 4-5/16-in. (110 mm) wide, high efficiency media filter.
 - For best furnace efficiency when using the 4-5/16-in. (110 mm) wide media filter, adjust the blower speed tap to near the mid-point of the rise range.

**Permissible voltage limits for proper furnace operation.

††Unit ampacity = 125% of largest component's full load amps plus 100% of all other potential operating components (EAC, humidifier, etc.)

##Length show in measured one way along wire path between unit and service panel for maximum 2% voltage drop.

***Required for downflow installation on combustible floors when no coil box is used, or when any coil box other than a CNPV, CAPV, CAP, or CAR cased coil is used.

N/A – Not Applicable

ICS – Isolated Combustion System

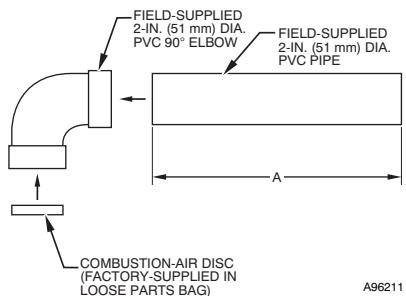
**MAXIMUM ALLOWABLE EXPOSED VENT PIPE LENGTH - FT (M)
WITH AND WITHOUT INSULATION IN WINTER DESIGN AMBIENT***

UNIT SIZE	WINTER DESIGN TEMPERATURE °F (°C)	MAX PIPE DIAMETER - IN (mm)	WITHOUT INSULATION	WITH 3/8-IN. (10 mm) OR THICKER INSULATION†
060	20 (-7)	2 (51)	44 (13.4)	70 (21.3)
	0 (-18)	2 (51)	21 (6.4)	70 (21.3)
	-20 (-29)	2 (51)	20 (6.0)	57 (17.3)
080	20 (-7)	2 (51)	55 (16.7)	55 (16.7)
	0 (-18)	2 (51)	30 (9.1)	55 (16.7)
	-20 (-29)	2 (51)	16 (4.8)	55 (16.7)
	20 (-7)	2.5 (64)	58 (17.6)	70 (21.3)
	0 (-18)	2.5 (64)	29 (8.8)	70 (21.3)
	-20 (-29)	2.5 (64)	14 (4.2)	67 (20.4)
100	20 (-7)	2.5 (64)	40 (12.1)	40 (12.1)
	0 (-18)	2.5 (64)	38 (11.5)	40 (12.1)
	-20 (-29)	2.5 (64)	21 (6.4)	40 (12.1)
	20 (-7)	3 (76)	63 (19.2)	70 (21.3)
	0 (-18)	3 (76)	30 (9.1)	70 (21.3)
	-20 (-29)	3 (76)	12 (3.6)	70 (21.3)
120	20 (-7)	3 (76)	70 (21.3)	70 (21.3)
	0 (-18)	3 (76)	38 (11.5)	70 (21.3)
	-20 (-29)	3 (76)	19 (5.7)	70 (21.3)
	20 (-7)	4 (102)	65 (19.8)	70 (21.3)
	0 (-18)	4 (102)	26 (7.9)	70 (21.3)
	-20 (-29)	4 (102)	5 (1.5)	65 (19.8)

* Pipe length (ft / M) specified for maximum pipe lengths located in unconditioned spaces. Pipes located in unconditioned space cannot exceed total allowable pipe length as specified in Table.

† Insulation thickness based on R value of 3.5 per in.

**COMBUSTION-AIR PIPE FOR NON-DIRECT VENT (1-PIPE) APPLICATION
(SIZES 040 THROUGH 120 ONLY)**

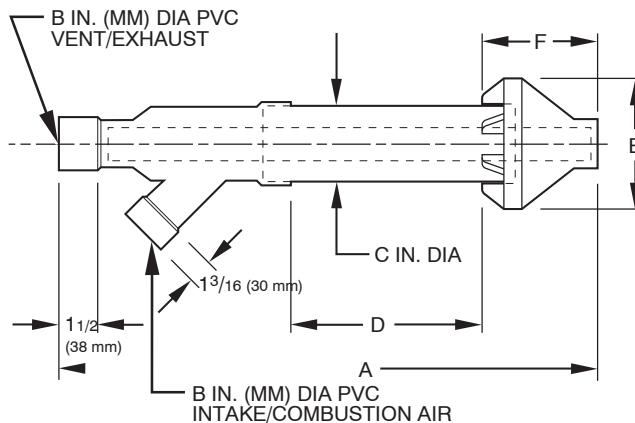


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LENGTH OF STRAIGHT PIPE PORTION OF COMBUSTION AIR INLET PIPE ASSEMBLY (IN.)

CASING WIDTH	A
17-1/2 (445 mm)	8-1/2 ± 1/2 (216 ± 13 mm)
21 (533 mm)	10-1/2 ± 1/2 (267 ± 13 mm)
24-1/2 (622 mm)	12 ± 1/2 (305 ± 13 mm)

CONCENTRIC VENT FOR DIRECT VENT (2-PIPE) APPLICATION (ALL MODEL SIZES)

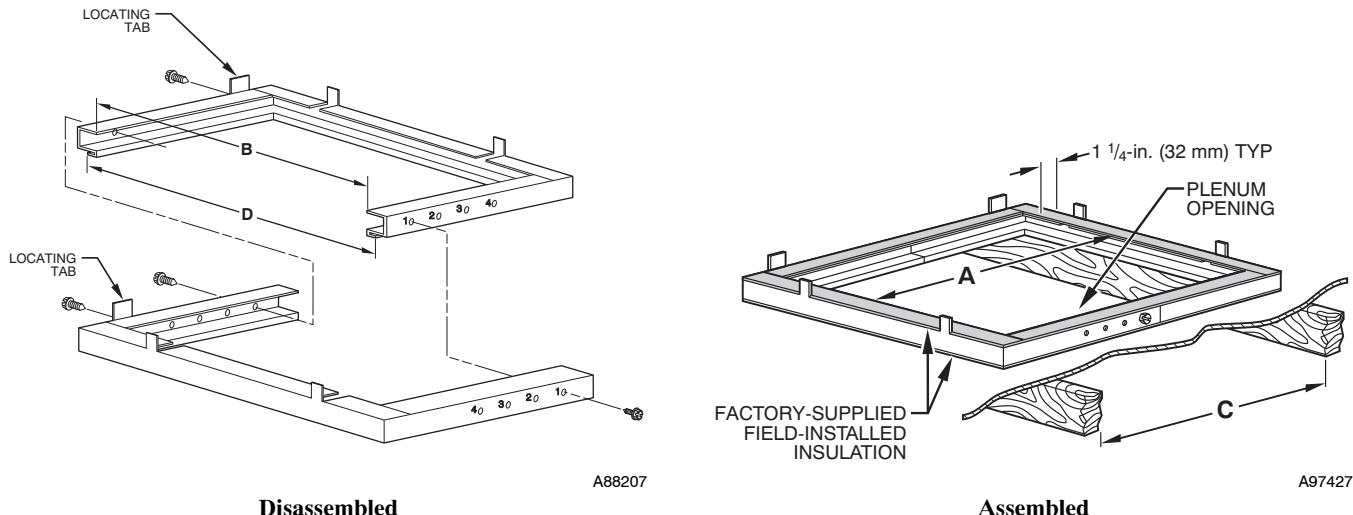


KIT PART NO.	A*	B	C	D†	E	F
KGAVT0701CVT	33-3/8 (848)	2 (51)	3-1/2 (89)	16-5/8 (422)	6-1/4 (159)	5-3/4 (146)
KGAVT0801CVT	38-7/8 (987)	3 (76)	4-1/2 (114)	21-1/8 (537)	7-3/8 (187)	6-1/2 (165)

*Dimension A will change accordingly as Dimension D is lengthened or shortened.

†Dimension D may be lengthened to 60-in. (1524 mm) maximum. Dimension D may also be shortened by cutting the pipes provided in the kit to 12-in. (305 mm) minimum.

DOWNFLOW SUBBASE DIMENSIONS - IN. (MM)



353BAV

FURNACE CASING WIDTH IN. (mm)	FURNACE IN DOWNFLOW APPLICATION	PLENUM OPENING* IN. (mm)		FLOOR OPENING IN. (mm)		HOLE NO. FOR WIDTH ADJUSTMENT
		A	B	C	D	
17-1/2 (445 mm)	Furnace with or without Cased Coil Assembly or Coil Box	15-1/8 (384 mm)	19 (483 mm)	16-3/4 (426 mm)	20-3/8 (518 mm)	3
21 (533 mm)	Furnace with or without Cased Coil Assembly or Coil Box	18-5/8 (473 mm)	19 (483 mm)	20-1/4 (514 mm)	20-3/8 (518 mm)	2
24-1/2 (622 mm)	Furnace with or without Cased Coil Assembly or Coil Box	22-1/8 (562 mm)	19 (483 mm)	23-3/4 (603 mm)	20-3/8 (518 mm)	1

*The plenum should be constructed 1/4 in. (6 mm) smaller in width and depth than the plenum dimensions shown above.

AIR DELIVERY - CFM (WITH FILTER)

353BAV

UNIT SIZE	RETURN-AIR SUPPLY	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
036060	SIDE/BOTTOM	5(Gry)	1430	1390	1345	1300	1250	1205	1150	1080	995	845
		3(Blu)	1240	1200	1145	1100	1040	975	915	860	790	730
		4(Yel)	1090	1030	980	935	850	800	730	665	590	525
		1(Red)	900	835	780	705	635	565	490	410	335	200
		2(Org)	805	620	440	380	300	—	—	—	—	—
036080	SIDE/BOTTOM	5(Gry)	1400	1360	1325	1285	1240	1205	1160	1125	1075	1000
		3(Blu)	1340	1300	1265	1215	1180	1135	1100	1055	1015	965
		4(Yel)	1195	1160	1115	1065	1025	985	935	895	850	800
		1(Red)	1025	980	935	880	835	795	745	685	635	585
		2(Org)	855	800	745	680	635	560	515	460	420	360
048080	SIDE/BOTTOM	5(Gry)	1720	1695	1690	1655	1620	1580	1540	1495	1465	1415
		3(Blu)	1565	1535	1530	1490	1450	1420	1375	1335	1295	1255
		4(Yel)	1330	1310	1270	1220	1180	1135	1095	1055	1010	970
		2(Org)	1210	1180	1135	1085	1035	995	950	910	865	810
		1(Red)	1110	1065	1005	960	910	865	820	770	720	670
060100	SIDE/BOTTOM	5(Gry)	2070	2020	1985	1925	1890	1850	1795	1755	1690	1610
		3(Blu)	1815	1775	1730	1690	1635	1595	1555	1500	1460	1410
		4(Yel)	1580	1535	1480	1440	1380	1380	1340	1285	1235	1185
		2(Org)	1380	1325	1275	1220	1220	1165	1105	1060	1000	960
		1(Red)	1170	1105	1055	985	935	870	805	765	705	660
060120	SIDE/BOTTOM	5(Gry)	2250	2205	2155	2110	2065	2020	1970	1925	1870	1790
		3(Blu)	2130	2085	2030	1980	1925	1880	1830	1775	1730	1675
		4(Yel)	1890	1835	1790	1740	1690	1640	1590	1535	1480	1435
		1(Red)	1640	1585	1525	1475	1425	1365	1315	1260	1200	1140
		2(Org)	1420	1370	1305	1255	1190	1135	1065	1010	940	880

NOTES:

* Airflow shown is with factory supplied 3/4-in. (19 mm) washable filter.*A filter is required for each return air opening.

*An airflow reduction of up to 7% may occur when using the factory-specified 4-5/16-in. (110 mm) wide, high efficiency media filter.

*For best furnace efficiency when using the 4 5/16-in. (110 mm) wide media filter, adjust blower speed tap to near the mid-point of the rise range.

*For horizontal and downflow applications, use one side or bottom or bottom only as an airflow reference.