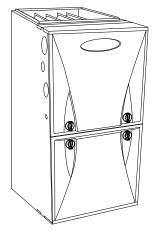
#### **59TN6C**

### Infinity® Two-Stage, Variable Speed, 4-Way Multipoise, Condensing Gas Furnace



### **Product Data**



Representative drawing only. Some product models may vary.

A11263















A200620







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 Quality

## ! WARNING

# CARBON MONOXIDE POISONING AND FIRE HAZARD

Failure to follow this warning could result in personal injury, death, and/or property damage.

This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors.

Failure to follow this warning could result in personal injury, death, and/or property damage.

The 59TN6C Multipoise Variable Speed Condensing Gas Furnace features the two-stage Infinity® System. The Comfot Heat® Technology two-stage gas system is at the heart of the comfort, provided by this furnace, along with the Infinity variable--speed constant airflow ECM blower motor, and two-speed inducer motor. With an Annual Fuel Utilization Efficiency (AFUE) of up to 96.7%, the Infinity two-stage gas

furnace provides exceptional savings when compared to a standard furnace. This Infinity Gas Furnace also features 4-way multipoise installation flexibility, and is available in six model sizes. The 59TN6C can be vented for direct vent/two-pipe, ventilated combustion air, or single-pipe applications. A Carrier Infinity Control and Infinity Air Conditioner or Heat Pump can be used to form a complete Infinity System. All sizes can be installed in air quality management districts with a 40 ng/J NOx emissions requirement. All sizes are design certified in Canada.

#### **PERFORMANCE**

- Communicating variable-speed, constant airflow (VCA) ECM blower motor for electrically efficient operation all year long in heating, cooling and continuous fan operation
- · Two-speed inducer motor, and two-stage gas valve.
- Power Heat<sup>TM</sup> Silicon Nitride Hot Surface Igniter.
- Ideal Humidity System<sup>™</sup> technology can dehumidify a home without a call for cooling.
- Integral part of the Ideal Humidity® System Technology.
- ComfortFan<sup>TM</sup> technology allows control of continuous fan speed from a compatible thermostat.
- SmartEvap<sup>™</sup> technology helps control humidity levels in the home when used with a compatible humidity control system.
- On-board NFC antenna makes setup a tap away when using the CarrierBryant Service Technician App.
- 3 Digit Display shows fault codes and furnace status.
- RAT and SAT thermistors can provide temperature rise.
- · Aluminized-steel primary heat exchanger.
- · Stainless-steel condensing secondary heat exchanger.
- Fully-insulated casing including blower section.

#### INSTALLATION FLEXIBILITY

- 4-way multipoise design for upflow, downflow or horizontal installation, with unique vent elbow and optional through- the-cabinet downflow venting capability.
- Ideal height 35-in. (889 mm) cabinet: short enough for taller coils, but still allows enough room for service.
- Direct-vent/sealed combustion, single-pipe venting or ventilated combustion air.

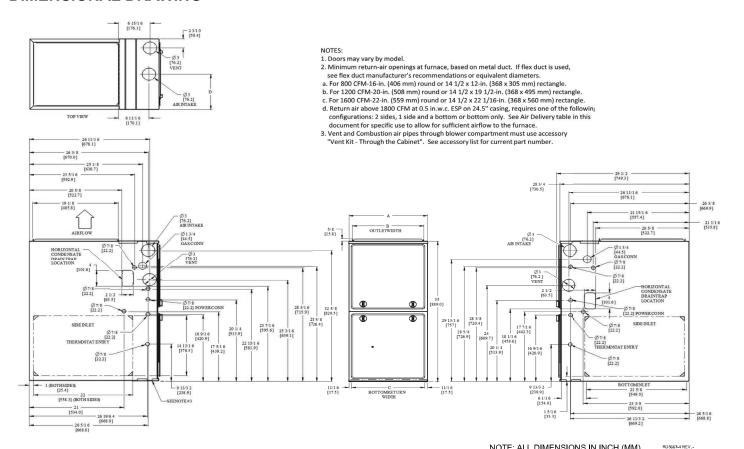
#### **APPLICATIONS**

- Self-diagnostics and extended diagnostic data through the Advanced Product Monitor (APM) accessory or Infinity User Interface.
- Propane convertible with gas conversion accessory
- Convenient Air Purifier and Humidifier connections.
- Compatible with single- and multiple-zone Infinity systems.

#### CERTIFICATIONS

- All sizes meet ENERGY STAR® Version 4.1 criteria for gas furnaces: 95%+ AFUE.
- Cabinet air leakage less than 2.0% at 1.0 in. w.c. and cabinet air leakage less than 1.4% at 0.5 in. w.c. when tested in accordance with ASHRAE standard 193.

#### **DIMENSIONAL DRAWING**



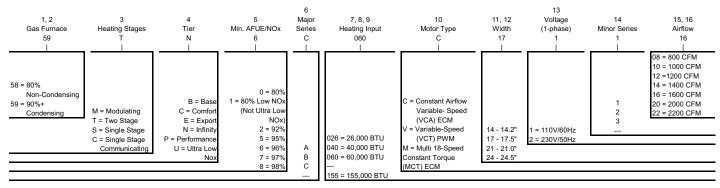
NOTE: ALL DIMENSIONS IN INCH (MM)

A210796

#### **Dimensions**

FURNACE SIZE	Α	В	С	D	SHIP WT.
FURNACE SIZE	CABINET WIDTH	OUTLET WIDTH	BOTTOM INLET WIDTH	AIR INTAKE	LB (KG)
040C1410	14-3/162 (361)	12-1/2 (319)	12-9/16 (322)	7-1/8 (181)	125 (56.7)
060C1714	17-1/2 (445)	15-7/8 (403)	16 (406)	8-3/4 (222)	143 (64.6)
080C1714	17-1/2 (445)	15-7/8 (403)	16 (406)	8-3/4 (222)	145 (65.5)
080C2120	21 (533)	19-3/8 (492)	19-1/2 (495)	10-1/2 (267)	157 (71.0)
100C2122	21 (533)	19-3/8 (492)	19-1/2 (495)	10-1/2 (267)	167 (75.7)
120C2422	24-1/2 (622)	22-7/8 (581)	23 (584)	12-1/4 (311)	188 (85.0)

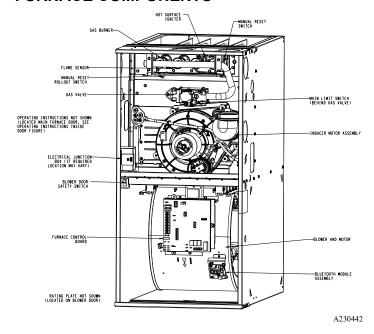
#### MODEL NUMBER NOMENCLATURE



A30443For California Residents:

For installation in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com

#### **FURNACE COMPONENTS**



# MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

POSITION	CLEARANCE
Rear	0 (0 mm)
Front (Combustion air openings in furnace and in structure)	1 in. (25 mm)
Required for service*	24 in. (610 mm) <sup>†</sup>
All Sides of Supply Plenum*	1 in. (25 mm)
Sides	0 (0 mm)
Vent	0 (0 mm)
Top of Furnace	1 in. (25 mm)

- \*. Consult your local buildin codes
- †. Recommended

The furnace should be sized to provide 100 percent of the design heating load requirement plus any margin that occurs because of furnace model size capacity increments. None of the furnace model sizes can be used if the heating load is 20,000 BTU or lower. Use Air Conditioning Contractors of America (Manual J and S); American Society of Heating, Refrigerating, and Air-Conditioning Engineers; or other approved engineering method to calculate heating load estimates and select the furnace. Excessive oversizing of the furnace may cause the furnace and/or vent to fail prematurely, customer discomfort and/or vent freezing.

Failure to follow these guidelines is considered faulty installation and/or misapplication of the furnace; and resulting failure, damage, or repairs may impact warranty coverage.

### **SPECIFICATIONS**

		UNIT SIZE	040C14-10	060C17-14	080C17-14	080C21-20	100C21-22	120C24-22
HEATING AND CAPACIT	Y AND EFFICIENC	CY C						
INPUT BTUH*	High Heat	(BTUH)	40,000	60,000	80,000	80,000	100,000	120,000
INPULBIUH	Low Heat	(BTUH)	26,000	39,000	52,000	52,000	65,000	78,000
OUTPUT CAPACITY	High Heat	(BTUH)	39,000	59,000	78,000	78,000	98,000	117,000
(BTUH) <sup>†</sup>	Low Heat	(BTUH)	25,000	38,000	51,000	51,000	54,000	76,000
		High Heat	40 - 70	35 - 65	40 - 70	40 - 70	45 - 75	45 - 75
CERTIFIED TEMPERATU	IRE RISE	підп пеас	(22 - 39)	(19 - 36)	(22 - 39)	(22 - 39)	(25 - 42)	(25 - 42)
RANGE - °F (°C)		Low Heat	30 - 60	30 - 60	30 - 60	30 - 60	30 - 60	30 - 60
			(17 - 3)	(17 - 3)	(17 - 3)	(17 - 3)	(17 - 3)	(17 - 3)
AFUE <sup>†</sup>		Upflow/Horizontal	96	96.3	96.2	96.7	96.1	96.7
	D DI OWED DATA	Downflow	95	95	95	95	95	95
AIRFLOW CAPACITY AN	D BLOWER DAIR		0.4	0.40	0.45	0.45	0.0	0.0
Rated Certified External	Static Pressure	Heating	0.1	0.12	0.15	0.15	0.2	0.2
		Cooling	0.5	0.5	0.5	0.5	0.5	0.5
	_	High Heat	580	1045	1215	1250	1475	1880
Airflow CFM @ Rated ES	SP (CFM) <sup>‡</sup>	Low Heat	465	758	955	970	1280	1495
		Cooling	995	1270	1350	1985	2165	2190
Cooling Capacity (tons)		400 CFM/ton	2.5	3	3.5	4.5	5	5.5
		350 CFM/ton	3	3.5	4	5.5	6	6
Direct Drive Motor Type			4.10			nutated Motor	,	
Direct Drive Motor HP			1/2	1/2	1/2	1	1	1
Motor Full Load Amps			6.3	6.7	6.3	11.5	11.5	11.0
RPM Range						1300		
Heating Blower Control	(Htg Off-Delay)			-	•	ry set), 150, 1		
<b>Cooling Blower Control</b>	(Time Delay Relay	<i>(</i> )		Adjustabl	e: 90 (factory-	set), 5, 30, 60	seconds	
Blower Wheel Diameter	x Width - In. (mm	)	12 x 8	11 x 8	11 x 8	11 x 10	11 x 10	11 x 11
Air Filtration System					Field Sup	plied Filter		
Filter used for Certified	Watt Data				32553	31-40 <sup>**</sup>		
ELECTRICAL DATA								
INPUT VOLTAGE		Unit Volts-Hertz-Phase			115-	60-1		
OPERATING VOLTAGE F	RANGE	Min-Max			104	-127		
MAXIMUM UNIT AMPS			7.1	7.3	7.1	13.1	13.2	11.9
UNIT AMPACITY			9.8	10	9.8	17.3	17.4	15.7
MAXIMUM WIRE LENGTH								
MEASURE 1 WAY IN FT		Feet	37	37	37	33	33	36
(M)		Meters	11.3	11.3	11.3	10.1	10.1	11
MINIMUM WIRE SIZE		AWG	14	14	14	12	12	12
MAX. FUSE/CKT BKR SI (TIME-DELAY TYPE REC		Amps	15	15	15	20	20	20
TRANSFORMER CAPAC OUTPUT)	•				40	VA		
EXTERNAL CONTROL P	OWER	Heating			24	VA		
AVAILABLE		Cooling			35	VA		

### **SPECIFICATIONS (Continued)**

				22224			
	UNIT SIZE	040C14-10	060C17-14	080C17-14	080C21-20	100C21-22	120C24-22
GAS CONTROLS							
BURNERS		3	3	4	4	5	6
GAS CONNECTION SIZE				1/2in.	NPT		
GAS VALVE (REDUNDANT)	Mfr			WhiteRo	odgers™		
MIN. INLET PRESSURE	(in.w.c.)			4.5 (Nat	ural Gas)		
MAX. INLET PRESSURE	(in.w.c.)			13.6 (Nat	ural Gas)		
MANUFACTURED (MOBILE HOME KIT)				See Acces	sory Listing		
IGNITION DEVICE				Silicon	Nitride		
FACTORY INSTALLED ORIFICE		44	44	44	44	44	44
CONNECTIONS							
Communication System				Infinity®; Infi	nity® Zoning		
Thermostat Connections			R, W/W1	, W2, Y/Y2, Y	1, G Com 24\	V, DHUM	
Accessory Connections		EAC-1 (115 V	/AC); HUM (24	4 VAC); 1-STC Y	,	2); 2-STG AC (	cia Y/Y2 and

<sup>\*.</sup> Gas input ratings are certified for elevations to 2000 ft. (610 M). In USA, For elevations above 2000 ft (610 M), reduce ratings 4 percent for each 1000 ft (305 M) above sea level. Refer to National Fuel Gas Code NFPA 54/ANSI Z223.1 Table F.4 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.

\*\*\* See Accessory List for part numbers available.

### AIR DELIVERY - CFM (WITH FILTER)

						1410							
Available Cooling Airflow	320	400	450	488	525	555	600	*650	700	740	800	<sup>†</sup> 875	925
Settings (CFM)	975	1000											
Available Constant Fan	<sup>‡</sup> 320	400	450	488	525	555	600	650	700	740	800	875	925
Airflow Settings (CFM)	975												
Airflow reduces by 2% -		flow	ESP (ir										
3% per 0.1 of ESP above	10	000	0.	8									
the noted static for these													
airflow settings													
	0.4	0.0	0.0	0.4	0.5	0.0	0.7	0.0	0.0	4			
Max Cooling ESP **Max Cooling CFM	0.1 1045	0.2 1015	0.3 1005	0.4 990	0.5 995	0.6 1000	0.7 1000	0.8 1000	0.9 965	925			
wax cooming crivi	1043	1015	1005	990	995	1000	1000	1000	900	923			
					0600	1714							
Available Cooling Airflow	400	450	488	525	555	600	650	700	740	800	875	*925	975
Settings (CFM)	1000	1050	1138	1200	†1225	1300	1410	700	7 10	000	0.0	923	010
Available Constant Fan		450	488	525	555	600	650	700	740	800	875	925	975
Airflow Settings (CFM)	<sup>‡</sup> 400	450	488	525	555	600	650	700	740	800	8/5	925	9/5
	1000	flow	ESD /ir	14(0)									
Airflow reduces by 2% -		flow 200	ESP (ir										
3% per 0.1 of ESP above		225	0.										
the noted static for these		300	0.										
airflow settings		110	0.										
Max Cooling ESP	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1			
**Max Cooling CFM	1405	1370	1335	1305	1270	1235	1200	1170	1135	1105			
						1714							
<b>Available Cooling Airflow</b>	400	450	488	525	555	600	650	700	740	800	875	*925	975
Settings (CFM)	1000	1050	1138	1200	<sup>†</sup> 1225	1300	1400						
Available Constant Fan	<sup>‡</sup> 400	450	488	525	555	600	650	700	740	800	875	925	975
Airflow Settings (CFM)	1000												
Airflow reduces by 2% -	Airflow	Setting	ESP (ir	. w.c.)									
3% per 0.1 of ESP above		225	0.										
the noted static for these		300	0.										
airflow settings	14	100	0.	1									
Max Cooling ESP	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1			
**Max Cooling CFM	0.1 1485	1455	1420	1390	1350	1315	1275	1230	1190	1 1150			
Wax Cooling Crivi	1403	1433	1420	1390	1330	1313	1273	1230	1190	1130			
					0800	2120							
Available Cooling Airflow	650	700	740	800	875	925	975	1000	1050	1138	1200	1225	*1300
Settings (CFM)	1400	1480	1600	1625	†1750	1850	1911	2000	1000	1100	1200	1220	1300
Available Constant Fan		700	740	800	875	925	975	1000	1050	1138	1200	1225	1300
Airflow Settings (CFM)	<sup>‡</sup> 650	7 00	740	800	0/5	925	9/5	1000	1050	1130	1200	1225	1300
	1400 Air	flow	ESP (ir	W C )									
Airflow reduces by 2% -		000	0.										
3% per 0.1 of ESP above			0.	-									
the noted static for these													
airflow settings													
		0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1			
Max Cooling ESP	0.1		1005	100E	1985	2005	2015	2025	2015	1975			
Max Cooling ESP **Max Cooling CFM	2005	1995	1995	1995									
			1995	1995		04 65							
**Max Cooling CFM	2005	1995			100C	2122	075	1000	1050	1420	1000	1005	1200
**Max Cooling CFM  Available Cooling Airflow	650	1995 700	740	800	<b>100</b> C	925	975	1000	1050	1138	1200	1225	1300
Max Cooling CFM  Available Cooling Airflow Settings (CFM)	2005 650 *1400	700 1480	740 1600	800 1625	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM) Available Constant Fan	650 *1400 ‡650	1995 700	740	800	<b>100</b> C	925				1138 1138	1200	1225 1225	1300
Max Cooling CFM  Available Cooling Airflow Settings (CFM)	650 *1400 <sup>‡</sup> 650 1400	700 1480 700	740 1600 740	800 1625 800	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM) Available Constant Fan	2005 650 *1400 ‡650 1400 Airflow	700 1480 700 Setting	740 1600 740 ESP (ir	800 1625 800	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM)  Available Constant Fan Airflow Settings (CFM)  Airflow reduces by 2% - 3% per 0.1 of ESP above	650 *1400 <sup>‡</sup> 650 1400 Airflow	700 1480 700 Setting	740 1600 740 ESP (ir	800 1625 800 i. w.c.)	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM)  Available Constant Fan Airflow Settings (CFM)  Airflow reduces by 2% - 3% per 0.1 of ESP above the noted static for these	2005 650 *1400 ‡650 1400 Airflow	700 1480 700 Setting 911	740 1600 740 ESP (ir 0.	800 1625 800 1. w.c.)	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM)  Available Constant Fan Airflow Settings (CFM)  Airflow reduces by 2% - 3% per 0.1 of ESP above	2005 650 *1400 ‡650 1400 Airflow	700 1480 700 Setting	740 1600 740 ESP (ir	800 1625 800 1. w.c.)	<b>100 C</b> 875 1750	925 1850	<sup>†</sup> 1911	2000	2110				
Available Cooling Airflow Settings (CFM)  Available Constant Fan Airflow Settings (CFM)  Airflow reduces by 2% - 3% per 0.1 of ESP above the noted static for these airflow settings	2005 650 *1400 ‡650 1400 Airflow	700 1480 700 Setting 911	740 1600 740 ESP (ir 0.	800 1625 800 1. w.c.)	<b>100 C</b> 875 1750	925 1850 925	†1911 975	2000	2110				
Available Cooling Airflow Settings (CFM)  Available Constant Fan Airflow Settings (CFM)  Airflow reduces by 2% - 3% per 0.1 of ESP above the noted static for these	650 *1400 ‡650 1400 Airflow	700 1480 700 Setting 911 900 110	740 1600 740 ESP (ir 0. 0.	800 1625 800 1. w.c.) 9	100C 875 1750 875	925 1850	<sup>†</sup> 1911	2000	2110 1050	1138			

### AIR DELIVERY - CFM (WITH FILTER) (CONTINUED)

					1200	2422							
Available Cooling Airflow	650	700	740	800	875	925	975	1000	1050	1138	1200	1225	*1300
Settings (cfm)	1400	1480	1600	1625	<sup>†</sup> 1750	1850	1911	2000	2110				
Available Constant Fan	<sup>‡</sup> 650	700	740	800	875	925	975	1000	1050	1138	1200	1225	1300
Airflow Settings (CFM)	1400 Airflow Setting												
Airflow reduces by 2% -	Airflow	Setting	ESP (in	i. w.c.)									
3% per 0.1 of ESP above	19	911	0.8	8									
the noted static for these	20	000	0.	7									
airflow settings	2	110	0.	5									
airnow settings													
Max Cooling ESP	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1			
**Max Cooling CFM	2220	2220	2235	2220	2190	2140	2085	2030	1975	1925			

- Low Cooling Default
- High Cooling Default
- Constant Fan Default Not Recommended
- Constant Fan Default Not Recommended
   \*\*. Max Cooling values are test CFM all other airflows are standard CFM

#### For Heating Settings

Eff1 airflow will give midpoint rise

Eff2 will increase heating airflow (when unit is capable)

Com2 will decrease heating airflow (defaults)

Com1 will give the lowest heating airflow

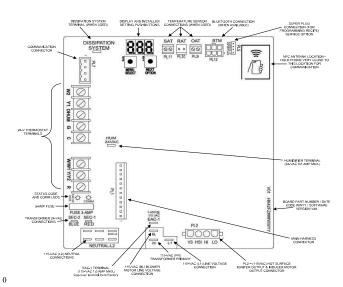
#### Notes:

ESP is External Static Pressure Airflow values up to 1 in. w.c. ESP (unless noted)

#### TYPICAL WIRING SCHEMATIC

#### - · · · · FIELD 24-VOLT WIRING - · · · · FIELD 115-, 208/230-, 460-VOLT WIRING - FACTORY 24-VOLT WIRING - FACTORY 115-VOLT WIRING NOTE 2 1-STAGE (R) (G) (W) (C) (Y) THERMOSTAT FIELD-SUPPLIED TERMINALS. FUSED DISCONNECT BLOWER THREE-WIRE 208/230- OR 460-VOLT DOOF HEATING-SWITCH THREE PHASE (W2) O (00M) 208/230-VOLT SINGLE PHASE <u></u>GND •-||-• 115-VOLT FIELD- JUNCTION 10 R \* SUPPLIED FUSED BOX CONDENSING (G) DISCONNECT UNIT 24-VOLT TERMINAL NOTES: 1. Connect Y/Y2-terminal as shown for proper operation. Some thermostats require a "C" terminal connection as shown. If any of the original wire, as supplied, must be replaced, use FURNACE same type or equivalent wire. A11401

#### **FURNACE CONTROL BOARD**



A230451

### MAXIMUM ALLOWABLE EXPOSED VENT LENGTHS INSULATION TABLE

Maximum Allowable Exposed Vent Length in Unconditioned Space - Ft.

			iviax	mul	II AIR	wabi	E EX	JUSEC	ven	Len	gtn in	UII	COI	nunti	onec	i Spa	<del>.е</del> - г	ι.					
					40,0	)00* B	TUH									6	0,000	BTUI	Н				
	Unit Size	Un	insula	ated	In	3/8-in sulati	-		1/2-in. sulatio			Jni	nsu	ılated	i	3/8	3-in. In	sulat	ion	1/:	2-in.	Insula	tion
Winter Design Temp	Pipe Dia. in.	1 ½	2	2 1/2	1 1/2	2	2 1/2	1 ½	2	2 ½	1 ½	2	2	2 ½	3	1 1/2	2	2 1/2	3	1 ½	2	2 1/2	3
°F	20	20	20	20	20	50	45	20	60	50	20	30	0	30	25	20	75	65	60	20	85	75	65
	0	10	5	5	20	25	20	20	30	25	15	1:	5	10	10	20	40	30	25	20	45	40	30
	-20	5			20	15	10	20	20	15	10	5				20	25	20	15	20	30	25	20
	-40				15	10	5	15	15	10	5					20	15	15	10	20	20	15	10
	Unit Size										80,	000	ВТ	ΓUΗ									
Winter	Utilit Sizi				Unin	sulate	d				3/8-iı	ı. Ir	ısul	latior	1				1/2-ir	ı. Ins	ulatio	n	
Design	Pipe Dia.	in.	1 1/2	2	2	2 1/2	3	4	1	l ½	2	2	1/2	3	3	4	1 1/2	2	2	2 1/2	2	3	4
Temp	20		15	40		40	35	30		15	50	9	90	7	- 1	65	15		50	70		70	70
°F	0		15	20		15	10	5		15	50		5	3	-	30	15		50	50		40	35
•	-20		15	10	)	5				15	35		80	2	-	15	15		40	30		25	15
	-40		10	5						15	25		20	1	5	5	15		30	25		20	10
	Unit Size	, L									100	000	) B1	TUH									
	OTTIC OIZO				Unins	ulate	t				3/8-ir	ı. In	sul	lation	1				1/2-in	. Ins	ulatio	n	
Winter	Pipe Dia. i	n.	2	_	2 ½	3		4		2	2 1/2	!		3		4	2		2 1/2	!	3		4
Design	20		20		50	40		35		20	80			95		80	20	_	80		105		90
Temp °F	0		20		20	15		10		20	55			45		35	20	-	65		55		45
	-20		15		10	5				20	35			30		20	20	-	45		35		25
	-40	_	10		5					20	25			20		10	20		30		25		15
	Unit Size	. 📙					000 B					4						,000*					
			Unins					lation	_		ulation	4		Unin				n. Ins				Insul	
Winter	Pipe Dia. i	_	,-	3	4	2 ½	3	4	2 1/2		4		2 ½		3	4	2 ½	3	4		2 1/2	3	4
Design	20			50	40	10	75	95	10	75			5		55	50	5	65	10	-	5	65	125
Temp °F	0			20	15	10	55	45	10	65			5		25	15	5	65	50	_	5	65	60
	-20		-	10		10	35	25	10	45		4	5		10	5	5	45	30	_	5	50	40
	-40	_		5		10	25	15	10	30			5		5		5	30	20	)	5	35	25
		N	laxim	ium A	Allow	able	Expo	sed V	ent L	_engt	h in Uı	nco	nd	lition	ed S	pace	- Me	ters					
					40.0	00+ DI										-	0 000	DTIII					

	1114				40,	000* E	BTUH									60,00	0 BTL	JH				
	Unit Size	Uni	nsula	ited		3/8-in sulati		In	1/2-in sulati		ι	Jnins	ulate	t	3/8	3-in. In	sulat	ion	1/2	2-in. Ir	nsulati	ion
Winter Design	Pipe Dia. mm	38	51	64	38	51	64	38	51	64	38	51	64	76	38	51	64	76	38	51	64	76
Temp °C	-7	6.1	6.1	6.1	6.1	15.2	13.7	6.1	18.3	15.2	6.1	9.1	9.1	7.6	6.1	22.9	19.8	18.3	6.1	25.9	22.9	19.8
	-18	3.0	1.5	1.5	6.1	7.6	6.1	6.1	9.1	7.6	4.6	4.6	3.0	3.0	6.1	12.2	9.1	7.6	6.1	13.7	12.2	9.1
	-29	1.5			6.1	4.6	3.0	6.1	6.1	4.6	3.0	1.5			6.1	7.6	6.1	4.6	6.1	9.1	7.6	6.1
	-40				4.6	3.0	1.5	4.6	4.6	3.0	1.5				6.1	4.6	4.6	3.0	6.1	6.1	4.6	3.0

	Unit Size							80	,000 BT	UH						
	Utilit Size		Ur	ninsulat	ed			3/8-i	n. Insula	ation			1/2-i	n. Insul	ation	
Winter	Pipe Dia. mm	38	51	64	76	102	38	51	64	76	102	38	51	64	76	102
Design	-7	4.6	12.2	12.2	10.7	9.1	4.6	15.2	27.4	22.9	19.8	4.6	15.2	21.3	21.3	21.3
Temp °C	-18	4.6	6.1	4.6	3.0	1.5	4.6	15.2	13.7	10.7	9.1	4.6	15.2	15.2	12.2	10.7
	-29	4.6	3.0	1.5			4.6	10.7	9.1	6.1	4.6	4.6	12.2	9.1	7.6	4.6
	-40	3.0	1.5				4.6	7.6	6.1	4.6	1.5	4.6	9.1	7.6	6.1	3.0
								100	.000 BT	UH						

			100,000 BTUH           Uninsulated         3/8-in. Insulation         1/2-in. Insulation           51         64         76         102         51         64         76         102           .1         15.2         12.2         10.7         6.1         24.4         28.9         24.4         6.1         24.4         32.0         27.4														
	Unit Size		100,000 BTUH           Uninsulated         3/8-in. Insulation         1/2-in. Insulation           51         64         76         102         51         64         76         102         51         64         76         10           6.1         15.2         12.2         10.7         6.1         24.4         28.9         24.4         6.1         24.4         32.0         27           6.1         6.1         4.6         3.0         6.1         16.8         13.7         10.7         6.1         19.8         16.7         13														
	Utilit Size		Unins	ulated			3/8-in. I	nsulation			1/2-in. l	nsulation					
Winter	Pipe Dia. mm	51	64	76	102	51	64	76	102	51	64	76	102				
Design	-7	6.1	15.2	12.2	10.7	6.1	24.4	28.9	24.4	6.1	24.4	32.0	27.4				
Temp °C	-18	6.1	6.1	4.6	3.0	6.1	16.8	13.7	10.7	6.1	19.8	16.7	13.7				
	-29	4.6	3.0	1.5		6.1	10.7	9.1	6.1	6.1	13.7	10.7	7.6				
	-40	3.0	1.5			6.1	7.6	6.1	3.0	6.1	9.1	7.6	4.6				

	Unit Size				120,	,000 B	TUH							140,	000* B	TUH			
	Unit Size	Un	insula	ted	3/8-ir	ı. Insul	lation	1/2-in	. Insul	lation	Un	insula	ted	3/8-ir	ı. Insul	ation	1/2-in	ı. Insul	ation
Winter	Pipe Dia. mm	64	76	102	64	76	102	64	76	102	64	76	102	64	76	102	64	76	102
Design	-7	3.0	15.2	12.2	3.0	22.9	28.9	3.0	22.9	32.0	1.5	16.7	15.2	1.5	19.8	32.0	1.5	19.8	38.1
Temp °C	-18	3.0	6.1	4.6	3.0	16.8	13.7	3.0	19.8	15.2	1.5	7.6	4.6	1.5	19.8	15.2	1.5	19.8	18.3
	-29	3.0	3.0		3.0	10.7	7.6	3.0	13.7	9.1	1.5	3.0	1.5	1.5	13.7	9.1	1.5	15.2	12.2
	-40	3.0	1.5		3.0	7.6	4.6	3.0	9.1	6.1	1.5	1.5		1.5	9.1	6.1	1.5	35	7.6

<sup>\*</sup> Not all model families have these sizes

#### MAXIMUM EQUIVALENT VENT LENGTH

NOTE: Maximum Equivalent Vent Length (MEVL) includes standard and concentric vent termination and does NOT include elbows. Use Deductions from Maximum Equivalent Vent Length table below to determine allowable vent length for each application.

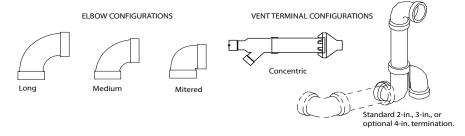
Maximum Equivalent Vent Length - Ft.

Unit	Size	4	0,000	1		60	,000 <sup>2</sup>				80,00	0			10	0,000 <sup>3</sup>			120,000	)
	Pipe Dia. (in)	1 ½	2	2 ½	1 1/2	2	2 1/2	3	1 ½	2	2 ½	3	4	2	2 ½	3	4	2 ½	3	4
	0-2000	40	155	185	20	100	175	200	15	55	130	175	200	20	80	175	200	10	75	185
	2001-3000	35	150	175	20	95	165	185		49	125	165	185	15	75	165	185	10	70	175
	3001-4000	30	135	160	16	90	155	175	1	49	115	155	175	113	75	155	175	5	65	165
Altitude	4001-4500	25	130	155		85	150	170	10	44	110	150	165		70	155	170			160
(feet)	4501-5000	23	125	145	15	80	145	165		44	110	145	160	10	65	150	165		60	100
, ,	5001-6000	20	120	130		75	140	155		41	100	135	150	10	03	140	155			155
	6001-7000	15	110	120	13	70	130	145		38	90	125	140		60	135	145	N/A	50	140
	7001-8000	10	100	110	10	65	120	135	N/A	36	90	120	125	N1/	55	125	135		46	130
	8001-9000	10	90	95	5	60	115	125	IN/A	33	80	110	115	N/	50	115	125		43	120
	9001-10000	5	80	85	N/A	55	105	115		30	75	100	105	1 ^	45	100	115		39	115
						Max	imum	Equiva	lent '	Vent L	ength	- Mete	rs		•					-
11!4	0:			1			000 2	-			00.00	^			40	0 000 3			400 000	

Unit Size 40,0		10,000	1	60,000 <sup>2</sup>			80,000				100,000 <sup>3</sup>			120,000						
	Pipe Dia. (mm)	38	51	64	38	51	64	76	38	51	64	76	102	51	64	76	102	64	76	102
	0-610	12.1	47.2	56.3	6.0	30.4	53.3	60.9	4.5	16.7	39.6	53.3	60.9	6.0	24.3	53.3	60.9	3.0	22.8	56.3
	611-914	1-914 10.6 45.7	45.7	53.3	0.0	28.9	50.2	56.3		14.9	38.1	50.2	56.3	4.5	4.5 22.8	50.2	56.3	5.0	21.3	53.3
	915-1219	9.1	41.1	48.7	4.8	27.4	47.2	53.3		14.5	35.0	47.2	53.3	4.5 22.0	22.0	47.2	53.3	1.5	19.8	50.2
Altitude	1220-1370	7.6	39.6	47.2		25.9	45.7	51.8	3.0	3.0 13.4	33.5	45.7 50.2	50.2		21.3	51.8	51.8			48.7
(meters)	1371-1524	7.0	38.1	44.1	4.5	24.3	44.1	50.2			55.5	44.1	48.7	3.0	19.8	45.7	50.2		18.2	40.7
	1525-1829	6.0	36.5	39.6		22.8	42.6	47.2		12.4	30.4	41.1	45.7	3.0	13.0	42.6	47.2			47.2
	1830-2134	4.5	33.5	36.5	3.9	21.3	39.6	44.1		11.5	27.4	38.1	42.6		18.2	41.1	44.1	N/A	15.2	42.6
	2135-2438	3.0	30.4	33.5	3.0	19.8	36.5	41.1	N/A	10.9	21.4	36.5	38.1	Ν/	16.7	38.1	41.1		14.0	39.6
	2439-2743	3.0	27.4	28.9	1.5	.5 18.2 3	35.0	38.1	IN/A	10.0	24.3	33.5	35.0	A A	15.2	35.0	38.1		13.1	36.5
	2744-3048	1.5	24.3	25.9	NA	16.7	32.0	35.0		9.1	22.8	30.4	32.0	13.7	13.7	30.4	35.0		11.8	35.0

#### NOTES:

- 1. 40K Inducer Outlet Restrictor disk (P/N 337683-401; 1.25-in. (32 mm) Dia.) shipped in the loose parts bag or available through Replacement Components required under 10-ft. (3 M) TEVL in all orientations. Required for installations from 0 2000 ft. (0 to 610 M) above sea level. Failure to use an outlet restrictor may result in flame disturbances or flame sense lock-out.
- Inducer Outlet Restrictor disk (P/N 337683-401; 1.25-in. (32 mm) Dia.) available through Replacement Components required for no greater than 5-ft. (1.5 M) TEVL in downflow and horizontal orientations only. Required for installations from 0-2000 ft. (0 to 610 M) above sea level.
- 3. Inducer Outlet Restrictor disk (P/N 337683-402; 1.50-in. (38 mm) Dia.) available through Replacement Components required for no greater than 5-ft. (1.5 M) TEVL in downflow and horizontal orientations only. Required for installations from 0-2000 ft. (0 to 610 M) above sea level.



A13110

#### Deductions from Maximum Equivalent Vent Length - Ft. (M)

Pipe Diameter (in):	meter (in): 1-1/2		2		2-1/2		3		4	
Mitered 90° Elbow	8	(2.4)	8	(2.4)	8	(2.4)	8	(2.4)	8	(2.4)
Medium Radius 90° Elbow	5	(1.5)	5	(1.5)	5	(1.5)	5	(1.5)	5	(1.5)
Long Radius 90° Elbow	3	(0.9)	3	(0.9)	3	(0.9)	3	(0.9)	3	(0.9)
Mitered 45° Elbow	4	(1.2)	4	(1.2)	4	(1.2)	4	(1.2)	4	(1.2)
Medium Radius 45° Elbow	2.5	(0.8)	2.5	(0.8)	2.5	(0.8)	2.5	(0.8)	2.5	(8.0)
Long Radius 45° Elbow	1.5	(0.5)	1.5	(0.5)	1.5	(0.5)	1.5	(0.5)	1.5	(0.5)
Tee	16	(4.9)	16	(4.9)	16	(4.9)	16	(4.9)	16	(4.9)
Concentric Vent Termination		NA	0	(0.0)	N	ÍΑ	0	(0.0)	N	İΑ
Standard Vent Termination	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)

#### NOTES:

- 1. Use only the smallest diameter pipe possible for venting. Over-sizing may cause flame disturbance or excessive vent terminal icing or freeze-up.
- 2. NA Not allowed. Pressure switch will not close, or flame disturbance may result.
- 3. Vent sizing for Canadian installations over 4500 ft. (1370 M) above sea level are subject to acceptance by the local authorities having jurisdiction.
- 4. Size both the combustion air and vent pipe independently, then use the larger size for both pipes.
- 5. Assume the two 45 elbows equal one 90 elbow. Wide radius elbows are desirable and may be required in some cases.
- 6. Elbow and pipe sections within the furnace casing and at the vent termination should not be included in vent length or elbow count.
- 7. The minimum pipe length is 5 ft. (2 M) linear feet (meters) for all applications.
- 8. Use 3-in. (76 mm) diameter vent termination kit for installations requiring 4-in. (102 mm) diameter pipe.
- 9. A running Tee in the Combustion Air Pipe adds 0 ft. to the TEVL of the vent length.

#### **Venting System Length Calculations**

The Total Equivalent Vent Length (TEVL) for **EACH** combustion air or vent pipe equals the length of the venting system, plus the equivalent length of elbows used in the venting system from Maximum Equivalent Vent Length.

Standard vent terminations or factory accessory concentric vent terminations count for zero deduction.

See vent system manufacturer's data for equivalent lengths of flexible vent pipe or other termination systems. **DO NOT ASSUME** that one foot of flexible vent pipe equals one foot of straight PVC/ABS DWV vent pipe.

Compare the Total Equivalent Vent Length to the Maximum Equivalent Vent Lengths Table.

#### Example 1

A direct-vent 60,000 BTUH furnace installed at 2100 ft. (640M). Venting system includes **FOR EACH PIPE:** 70 feet (22 M) of vent pipe, 65 feet (20 M) of combustion air inlet pipe, (3) 90° long-radius elbows, (2) 45° long-radius elbows, and a factory accessory concentric vent kit.

Can this application use 2" (50 mm ND) PVC/ABS DWV vent piping?

				70 ft.	Use length of the longer of the vent
				(22 M)	or air inlet piping system
3	х	3 ft. (0.9 M)	=	9 ft. (2.7 M)	From Deductions from Maximum Equivalent Vent Length
2	x	1.5 ft. (0.5 M)	=	3 ft. (0.9 M)	From Deductions from Maximum Equivalent Vent Length
				0 ft.	From Deductions from Maximum Equivalent  Vent Length
				0 ft.	From Vent Manufacturer's instructions; zero for PVC/ABS DWV
				82 ft. (25 M)	Add all of the above lines
				95 ft.	For 2" pipe from Maximum Equivalent Vent
				(29 M)	Length
				YES	Therefore, 2" pipe MAY be used
			3 X (0.9 M)	3 X (0.9 M) =	3 x 3 ft. (0.9 M) = 9 ft. (2.7 M)  2 x 1.5 ft. (0.5 M) = 3 ft. (0.9 M)  0 ft.  0 ft.  82 ft. (25 M)

#### **Example 2**

A direct-vent 60,000 BTUH furnace installed at 2100 ft. (640M). Venting system includes **FOR EACH PIPE:** 100 feet (30 M) of vent pipe, 95 feet (29 M) of combustion air inlet pipe, (3) 90° long-radius elbows, and a polypropylene concentric vent kit. Also includes 20 feet (6.1 M) of flexible polypropylene vent pipe, included within the 100 feet (30 M) of vent pipe.

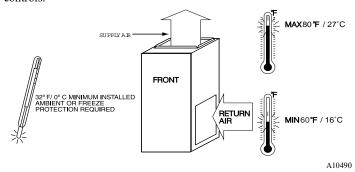
VERIFY FROM POLYPROPYLENE VENT MANUFACTURER'S INSTRUCTIONS for the multiplier correction for flexible vent pipe.

Can this application use 60mm o.d. (2") polypropylene vent piping? If not, what size piping can be used?

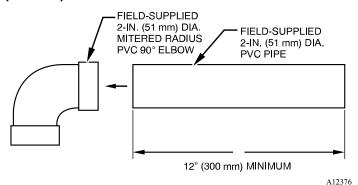
(- ) F> F	. ,	F -F	8,		F-F8					
Measure the required linear length of RIGID air in				_	80 ft.	Use length of the longer of the vent				
longest of the two here: 100 ft. Of rigid pipe	- 20 ft. C	Of flexible	e pipe	_	(24 M)	or air inlet piping system				
Add equiv length of (3) 90° long-radius elbows	3	l ,	5 ft.	_	15 ft.					
(use the highest number of elbows for either the vent or inlet pipe)	3	X	(1.5 M)	_	(4.6 M)					
Add equiv length of 45° long-radius elbows					0.6					
(use the highest number of elbows for either the vent or inlet pipe)	0	x		=	0 ft. (0 M)	Example from polypropylene vent manufacturer's instructions, Verify from vent				
Add equiv length of factory concentric vent term	9	x	3.3 ft	_	30 ft.	manufacturer's instructions.				
Add equiviengin or factory concentric vent term	9	^	(0.9 M)	_	(9 M)					
Add correction for flexible vent pipe, if any	2*	x	20 ft.	=	40 ft.					
			(6.1 M)		(12.2 M)					
* VERIFY FROM VENT MANUFACTURER'S IN				-		of flexible 60mm (2") or 80mm (3") polypropylene				
	pipe e	quals 2.0	meters (6.	5 ft.) of	FPVC/ABS pipe.					
Total Equivalent Vent Length (TEVL)					165 ft.	Add all of the above lines				
					(50 M)	, tad all of the above lines				
Maximum Equivalent Vent Length (MEVL)					95 ft.	For 2" pipe from Maximum Equivalent Vent				
					(29 M)	Length				
Is TEVL less than MEVL?					NO	Therefore, 60mm (2") pipe may NOT be used; try 80mm (3")				
Maximum Equivalent Vent Length (MEVL)					185 ft.	For 3" pipe from Maximum Equivalent Vent				
					(57 M)	Length				
Is TEVL less than MEVL?					YES	Therefore, 80mm (3") pipe MAY be used				

#### RETURN AIR TEMPERATURE

This furnace is designed for continuous return-air minimum temperature of 60\_F (15\_C) db or intermittent operation down to 55\_F (13\_C) db such as when used with a night setback thermometer. Return-air temperature must not exceed 80\_F (27\_C) db. Failure to follow these return air limits may affect reliability of heat exchangers, motors and controls.

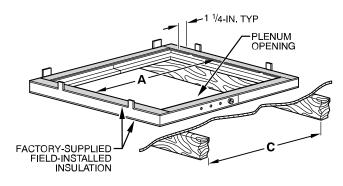


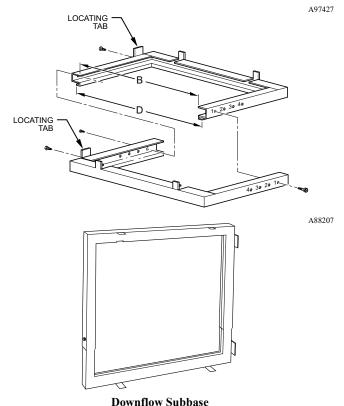
# COMBUSTION-AIR PIPE FOR NON-DIRECT (1-PIPE) VENT APPLICATION



**NOTE:** See Installation Instructions for specific venting configurations.

#### DOWNFLOW SUBBASE



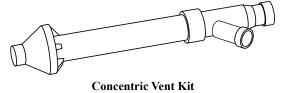


A88202

One base fits all furnace sizes. The base is designed to be installed between the furnace and a combustible floor when no coil box is used or when a coil box other than the manufacturer's cased coil is used. It is CSA design certified for use with the manufacturer's branded furnaces when installed in downflow applications.

DIMENSIONS (IN. / MM)									
FURNACE		PLENUM O	PENING*	FLOOR (	HOLE NO. FOR				
CASING WIDTH	FURNACE IN DOWNFLOW APPLICATION	Α	В	С	D	WIDTH ADJUSTMENT			
14-3/16 (360)	Furnace with or without Cased Coil Assembly or Coil Box	11-3/16 (322)	19 (483)	13-7/16 (341)	20-5/8 (600)	4			
17-1/2 (445)	Furnace with or without Cased Coil Assembly or Coil Box	15-1/8 (384)	19 (483)	16-3/4 (426)	20-5/8 (600)	3			
21 (533)	Furnace with or without Cased Coil Assembly or Coil Box	18-5/8 (396)	19 (483)	20-1/4 (514)	20-5/8 (600)	2			
24-1/2 (622)	Furnace with or without Cased Coil Assembly or Coil Box	22-1/8 (562)	19 (483)	23-3/4 (603)	20-5/8 (600)	1			

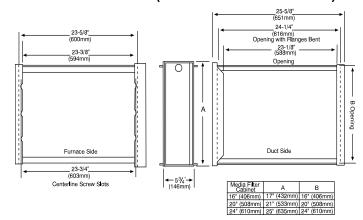
<sup>\*.</sup> The plenum should be constructed 1/4-in. (6 mm) smaller in width and depth than the plenum dimensions shown above.



102086

A concentric vent kit allows vent and combustion-air pipes to terminate through a single exit in a roof or side wall. One pipe runs inside the other allowing venting through the inner pipe and combustion air to be drawn in through the outer pipe.

### **Media Filter Cabinet (OPTIONAL ACCESSORY)**



NOTE: Media cabinet is matched to the bottom opening on furnace. May also be used for side return.

A12428

#### **ACCESSORIES**

DESCRIPTION	ACCESSORY PART NUMBER	040C1410	060C1714	080C1714	080C2120	100C2122	120C2422
Condensate Neutralizer Kit	P908-0001*	Х	Х	Х	Х	Х	Х
Gas Valve Tower Port Adapter Kit	92-1003 <sup>*</sup>	Х	Х	Х	-	-	-
External Filter Rack, 14-1/2" x 25"	ACG1425NCB*	Х	-	-	-	-	-
External Filter Rack, 16" x 25"	ACG1625NCF*	-	X	X	-	-	-
External Filter Rack, 20" x 25"*	ACG2025NCJ*	-	-	-	Х	Х	-
External Filter Rack. 24-1/2" x 24"*	ACG2424NCL*	_	-	-	-	-	Х
Washable filter, 3/4" x 16" x 25"*	325531-402*	X	X	X	-	_	_
Washable filter, 3/4" x 20" x 25"*	325531-403 <sup>*</sup>	-	-	-	X	Х	
Washable filter, 3/4" x 24" x 25"*	325531-404 <sup>*</sup>	_	_	_		_	X
Coil Adapter Kits - No Offset	KGADA0101ALL	X	X	X	X	X	X
Coil Adapter Kits - Single Offset	KGADA0201ALL	X	X	X	X	X	X
Coil Adapter Kits - Double Offset	KGADA0301ALL	X	X	X	X	X	X
Return Air Base (Upflow Applications) 14-3/16" wide	KGARP0301B14	X	-	-	-	-	-
Return Air Base (Upflow Applications) 17-1/2" wide	KGARP0301B17	-	Х	Х	-	-	-
Return Air Base (Upflow Applications) 21" wide	KGARP0301B21	-	-	-	Х	Х	-
Return Air Base (Upflow Applications) 24-1/2 wide	KGARP0301B24	-	-	-	-	-	Х
Vent Terminal - Concentric - 2" (51 mm)	KGAVT0701CVT		•	•		•	
Vent Terminal - Concentric - 3" (76 mm)	KGAVT0801CVT			Coo Vant	ing Tables		
Vent Terminal Bracket - 2" (51 mm)	KGAVT0101BRA			See venu	ing lables		
Vent Terminal Bracket - 3" (76 mm)	KGAVT0201BRA						
Vent Kit - Through the Cabinet for HZ left/right ONLY	KGADC0101BVC	Х	Х	Х	Х	Х	Х
Polypropylene Inlet Air Pipe Coupling	KGAAC0101RVC	Х	Х	Х	Х	Х	Х
Freeze Protect Kit - Condensate Drain Line Tape	KGAHT0101CFP	Х	Х	Х	Х	Х	Х
Freeze Protect Kit - Condensate Trap with Heat Pad	KGAHT0201CFP	х	X	X	Х	х	Х
CPVC to PVC Drain Adapters - 1/2" CPVC to 3/4" PVC	KGAAD0110PVC	X	Х	X	Х	X	Х
External Trap Kit	KGAET0201ETK	X	X	X	X	X	X
Horizontal Trap Grommet - Direct Vent	KGACK0101HCK			All 2-Pipe	Horizontal		
Downflow Furnace Base Kit for Combustible Floors	KGASB0201ALL	х	Х	X	Х	х	Х
IAQ Device Duct Adapters 20.0-in. IAQ to 16 in. Side Return	KGAAD0101MEC			20"x25" IA	Q Devices		
IAQ Device Duct Adapters 24.0-in. IAQ to 16 in. Side Return	KGAAD0201MEC			24"x25" IA	Q Devices		
Gas Conversion Kit - Nat to LP <sup>†</sup>	AGAGC9NPS01C*	Х	X	X	X	Х	Х
Gas Conversion Kit - LP to Nat <sup>†</sup>	AGAGC9PNS01C*	Х	Х	Х	Х	Х	Х
Twinning Kit	AGATWNPME01B	Х	Х	Х	Х	Х	Х
Infinity®; Infinity® Zoning	SYSTXCC	Х	Х	Х	Х	Х	Х

<sup>\*.</sup> Purchased through Replacement Components

<sup>†.</sup> Factory-authorized and field installed. Fuel conversion kits are CSA (formerly AGA/CGA) recognized.

X = Accessory

### **ACCESSORIES** (continued)

DESCRIPTION	ACCESSORY PART NUMBER	
Gas Orifice Kit - #42 (Nat Gas)	LH32DB207	
Gas Orifice Kit - #43 (Nat Gas)	LH32DB202	
as Orifice Kit - #44 (Nat Gas)	LH32DB200	
Gas Orifice Kit - #45 (Nat Gas)	LH32DB205	
Gas Orifice Kit - #46 (Nat Gas)	LH32DB208	
Gas Orifice Kit - #47 (Nat Gas)	LH32DB078	See Installation Instructions for model,
Gas Orifice Kit - #48 (Nat Gas)	LH32DB076	altitude, and heat value usages.
Gas Orifice Kit - #54 (LP)	LH32DB203	
Gas Orifice Kit - #55 (LP)	LH32DB201	
Gas Orifice Kit - #56 (LP)	LH32DB206	
Gas Orifice Kit - 1.25mm (LP)	LH32DB209	
Gas Orifice Kit - 1.30mm (LP)	LH32DB210	

DESCRIPTION	ACCESSORY PART NUMBER
HUMIDIFIER	Model HUM
HEAT RECOVERY VENTILATOR	Model HRV
ENERGY RECOVERY VENTILATOR	Model ERV
UV LIGHTS	Model UVL

Carrier has a wide variety of thermostats for your system, please visit www.Carrier.com to see all thermostat and IAQ products.

DESCRIPTION	ACCESSORY PART NUMBER	14"	17"	21"	24"
Carrier Carbon Monoxide Alarm (10 pack)	COALMCCNRB02-A10	Х	Х	Х	Х
Carrier Infinity Air Purifier - 16x25 (407x635 mm)	DGAPAXX1625	Х	Х	-	-
Carrier Infinity Air Purifier - 20x25 (508x635 mm)	DGAPAXX2025	-	-	Х	Х
Carrier Infinity Air Purifier Repl. Filter- 16x25 (407x635 mm)	PGAPXCAR1625A02	Х	Х	-	-
Carrier Infinity Air Purifier Repl. Filter- 20x25 (508x635 mm)	PGAPXCAR2025A02	-	-	Х	Х
Cartridge Media Filter - 16" (407 mm) (MERV 11)	FILXXCAR0116	Х	Х	-	-
Cartridge Media Filter - 16" (407 mm) (MERV 8)	FILXXCAR0016	X	Х	-	-
Cartridge Media Filter - 20" (508 mm) (MERV 8)	FILXXCAR0020	-	-	Х	-
Cartridge Media Filter - 20" (508 mm) (MERV11)	FILXXCAR0120	-	-	Х	-
Cartridge Media Filter - 24" (610 mm) (MERV 8)	FILXXCAR0024	-	-	-	Х
Cartridge Media Filter - 24" (610 mm) (MERV11)	FILXXCAR0124	-	-	-	Х
EZ Flex Cabinet Side or Bottom - 16"	EZXCAB0016	X	Х	-	-
EZ Flex Cabinet Side or Bottom - 20"	EZXCAB0020	-	-	Х	Х
EZ Flex Replacement Filters 16" MERV 10	EXPXXFIL0016	X	Х	-	-
EZ Flex Replacement Filters 16" MERV 13	EXPXXFIL0316	X	Х	-	-
EZ Flex Replacement Filters 20" MERV 10	EXPXXFIL0020	-	-	Х	-
EZ Flex Replacement Filters 20" MERV 13	EXPXXFIL0320	-	-	Х	-
EZ Flex Replacement Filters 24" MERV 10	EXPXXFIL0024	-	-	-	Х
EZ Flex Replacement Filters 24" MERV 13	EXPXXFIL0324	-	-	-	Х
EZ-Flex Filter with End Caps - 16" (407 mm) (MERV 10)	EXPXXUNV0016	X	Х	-	-
EZ-Flex Filter with End Caps - 16" (407 mm) (MERV 13)	EXPXXUNV0316	X	Х	-	-
EZ-Flex Filter with End Caps - 20" (508 mm) (MERV 10)	EXPXXUNV0020	-	-	Х	-
EZ-Flex Filter with End Caps - 20" (508 mm) (MERV 13)	EXPXXUNV0320	-	-	Х	-
EZ-Flex Filter with End Caps - 24" (610 mm) (MERV 10)	EXPXXUNV0024	-	-	-	Х
EZ-Flex Filter with End Caps - 24" (610 mm) (MERV 13)	EXPXXUNV0324	-	-	-	Х
Media Filter Cabinet - 20"	FILCABXL0020	-	-	Х	-
Media Filter Cabinet - 24"	FILCABXL0024	-	-	-	Х
Media Filter Cabinet - 16"	FILCABXL0016	Х	Х	-	-

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