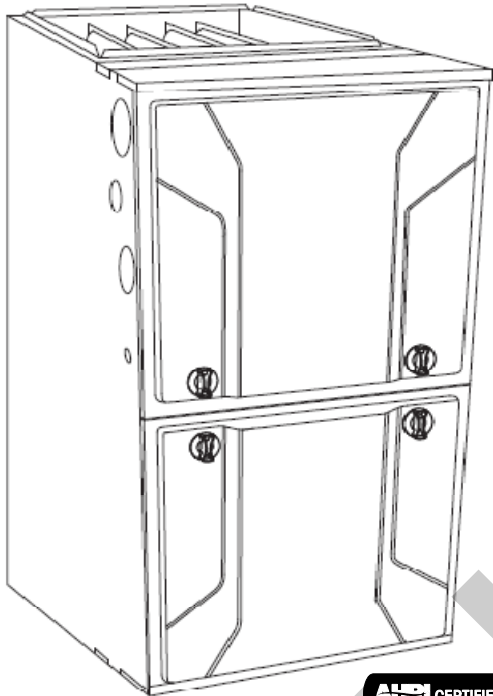


987MA
Evolution® Modulating
Deluxe 4-Way Multipoise Variable Speed
Condensing Gas Furnace
PRELIMINARY SPECIFICATIONS



SUBJECT TO CHANGE WITHOUT NOTICE

The 987MA Multipoise Variable-Speed Condensing Gas Furnace features the modulating Evolution® System. The Perfect Heat® Technology modulating gas system is at the heart of the comfort provided by this furnace, along with the variable-speed ECM blower motor, and variable-speed inducer motor. With an Annual Fuel Utilization Efficiency (AFUE) of 97%, the Evolution modulating gas furnace provides exceptional savings as well. This Evolution Gas Furnace also features 4-way multipoise installation flexibility, and will be available in five model sizes. The 987MA can be vented for direct vent/two-pipe, ventilated combustion air, or single-pipe applications. A Bryant Evolution Control and Evolution Air Conditioner or Heat Pump, can be used to form a complete Evolution System. All units meet California Air Quality Management District emission requirements. All sizes are design certified in Canada.



STANDARD FEATURES

- Evolution® System; compatible with multi - zone Evolution systems
- Quiet operation. Compare for yourself at HVACpartners.com
- The easiest to install generation of Bryant condensing furnaces ever
- Ideal condensing furnace height 35" cabinet: short enough for taller coils, but still allows enough room for installation and service
- Evolution Features—match with the Evolution Control for Evolution System benefits
- Silicon Nitride Perfect Light™ Hot Surface Igniter
- SmartEvap™ technology can lower the humidity level in the home by nearly 10 percent when paired with a compatible condensing unit
- FanOn Plus™ technology allows control of continuous fan speed from a compatible thermostat
- External Media Filter Cabinet included
- 4-way multipoise design for upflow, downflow or horizontal installation, with unique vent elbow and optional through-the-cabinet downflow venting
- Variable-Speed blower motor, variable-speed inducer motor, and modulating gas valve
- Self-diagnostics and extended diagnostic data through the Advanced Product Monitor (APM) accessory or Evolution User Interface
- Adjustable blower speed for cooling, continuous fan, and dehumidification
- Aluminized-steel primary Heat Exchanger
- Stainless-steel condensing secondary heat exchanger
- Propane convertible
- Factory-configured ready for upflow applications
- Fully-insulated casing including blower section
- Convenient Electronic Air Cleaner and Humidifier connections
- Direct-vent/sealed combustion, single-pipe venting or ventilated combustion air
- Installation flexibility: (sidewall or vertical vent)
- Residential installations may be eligible for consumer financing through the Retail Credit Program



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.



LIMITED WARRANTY*

- 10 year parts and lifetime heat exchanger limited warranty to the original purchaser upon timely registration.
- Limited warranty period is five years for parts and twenty years for the heat exchanger if not registered within 90 days of installation.†

† Jurisdictions where warranty benefits cannot be conditioned on registration will receive registered limited warranty benefits.

* For owner occupied, residential applications

SAP ORDERING NO.	CASING DIMENSIONS (IN.)			RATED HEATING OUTPUT (BTUH)			HEATING AIRFLOW			COOLING CFM @ 0.5 ESP	MOTOR HP (VARIABLE SPEED)	MEDIA CABINET SUPPLIED (IN.)	APPROX SHIP. WT (LB)
	H	D	W	High	Low	AFUE**	CFM‡ (Min Heating)	CFM (Max Heating)	Max Heating ESP				
987MA42060V17	35	29.5	17.5	56000	22000	97.0%	420	1075	0.12	1335	1/2	16	136
987MA48080V17	35	29.5	17.5	74000	29000	97.0%	620	1490	0.15	1375	1/2	16	146
987MA60080V21*	35	29.5	21.0	74000	29000	TBD	TBD	TBD	0.15	TBD	TBD	20	TBD
987MA48100V21	35	29.5	21.0	93000	38000	97.0%	725	1515	0.20	2030	1	20	158
987MA66120V24	35	29.5	24.5	112000	46000	97.0%	905	1820	0.20	2185	1	24	179

* Due for release in early 2012

**projected ratings—final ratings subject to change

† Capacity in accordance

‡ Minimum heat CFM when

ESP - External Static

FURNACE ACCESSORIES

ACCESSORY	DESCRIPTION	PART NO.	SEE NOTE	
Vent Termination Kit	2-in. Vent Termination Kit (Bracket Only)	KGAVT0101BRA	1,2	
	3-in. Vent Termination Kit (Bracket Only)	KGAVT0201BRA	1,2	
Concentric Air/Vent Kit	2-in. Concentric Vent Termination for Single Exit	KGAVT0701CVT	1	
	3-in. Concentric Vent Termination for Single Exit	KGAVT0801CVT	1	
	Pipe and fittings to route vent and inlet air pipes through	KGADC0101BVC	--	
	Used for direct-vent horizontal applications to seal the	KGACK0101HCK	--	
Through-the-Cabinet Vent Kit	Condensate Trap Freeze Protection Heating Pad	KGHT0201CFP	--	
Horizontal Trap Gasket	Downflow furnace subbase for use on combustible floors	KGASB0201ALL	--	
Condensate Freeze Protection Kit	Base for side-return, upflow 14" furnaces, painted	KGARP0301B14	--	
Installation Base Kits (sheet metal)	Base for side-return, upflow 17" furnaces, painted	KGARP0301B17	--	
	Base for side-return, upflow 21" furnaces, painted	KGARP0301B21	--	
Installation Base Kits (painted sheet metal)	Base for side-return, upflow 24" furnaces, painted	KGARP0301B24	--	
	Adapter for matched coil and furnace width, painted	KGADA0101ALL	--	
Coil Adapter Kits (painted sheet metal)	Adapter for one-size coil/furnace mis-match, painted	KGADA0201ALL	--	
	Adapter for two-size coil/furnace mis-match, painted	KGADA0301ALL	--	
Filter/EAC Cabinet Adapter Kits (painted sheet metal)	16x25 to 20x25 side-return adapter, painted	KGAAD0101MEC	--	
	16x25 to 24x25 side-return adapter, painted	KGAAD0201MEC	--	
Gas Conversion Kit	Natural-to-Propane Gas Conversion	KGAPN4401VSP	---	
	Propane-to-Natural Gas Conversion	KGAPN43012SP	---	
Orifice Kit	Orifice Kit (Qty 50) Size 42	KGAHA0150N42	6	
	Orifice Kit (Qty 50) Size 43	KGAHA0250N43	6	
	Orifice Kit (Qty 50) Size 44	KGAHA0350N44	6	
	Orifice Kit (Qty 50) Size 45	KGAHA0450N45	6	
	Orifice Kit (Qty 50) Size 46	KGAHA0550N46	6	
	Orifice Kit (Qty 50) Size 47	KGAHA1550N47	6	
	Orifice Kit (Qty 50) Size 48	KGAHA1650N48	6	
	Orifice Kit (Qty 50) Size 54	KGAHA0650P54	6	
	Orifice Kit (Qty 50) Size 55	KGAHA0750P55	6	
	Orifice Kit (Qty 50) Size 56	KGAHA0850P56	6	
	Metric Orifice Kit (Qty 50) 1.25mm	KGAHA5750125	6	
	Cartridge Media Filter	Cartridge Filter 16-in. (2 pack)	FILXXCAR0016	5
		Cartridge Filter 20-in. (2 pack)	FILXXCAR0020	5
Cartridge Filter 24-in. (2 pack)		FILXXCAR0024	5	
Expandable Media Filter	EZ Flex Filter 16-in. (9 pack)	EXPXXLMC0016	5	
	EZ Flex Filter 20-in. (9 pack)	EXPXXLMC0020	5	
	EZ Flex Filter 24-in. (6 pack)	EXPXXLMC0024	5	
Replacement Expandable Filter	EZ Flex Replacement Filter 16-in. (10 pack)	EXPXXFIL0016	5	
	EZ Flex Replacement Filter 20-in. (10 pack)	EXPXXFIL0020	5	
	EZ Flex Replacement Filter 24-in. (10 pack)	EXPXXFIL0024	5	
Condensate Neutralizer	Condensate Acid Neutralizer	P908-0001	7	

NOTES:

1. CSA requires that a termination kit be used. See latest PD for pipe and kit size selection. The qualified installer or agency must

use only factory-authorized kits when modifying these furnaces.

2. Not for use with Concentric Vent Termination Kits.

3. See PD for dimensional drawing.

4. Required for installation on combustible floors when no coil box is used, or when any coil box other than a Carrier Cased Coil is used.

5. Last 2 digits of Part Number indicate filter size.

6. Last 2 digits of Part Number indicate orifice size.

7. Available from RCD.