



R96MSN

Up to 97% AFUE, Single-Stage, Multi-Speed ECM, Gas Furnace

Efficiency/Performance

- Up to 97% AFUE in upflow/horizontal, up to 95% AFUE in downflow
- Multi 18-speed, constant torque (MCT) ECM blower motor
- Enhanced diagnostics with easy to read 3 digit display for faults and status
- Supports single-stage cooling units
- Insulated heat exchanger compartment
- All sizes can be installed in air quality management districts with a 40 ng/J NOx emissions requirement
- 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
- Approved for twinning applications (0601716, 0801716, 0802120, 1002120, 1202422) with accessory (order separately)
- Approved for manufactured housing/mobile home applications (0401410 through 1202422) with accessory (order separately)

Reliability/Durability

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ® primary heat exchanger
- Stainless steel secondary heat exchanger
- High temperature limit control designed to prevent overheating
- Direct ignition with Silicon Nitride ignitor
- High-quality, corrosion-resistant, one-piece steel cabinet

Easy-to-Install and Service

- On-board NFC antenna makes setup a tap away when using the service technician app
- Direct vent (2-pipe), single-pipe venting, or ventilated combustion air
- 24 VAC humidifier terminal, electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- Quarter turn knobs for easy door removal and secure attachment
- Convertible to propane with gas conversion accessory kit
- Four position – upflow/downflow/horizontal (left/right) installation
- Twelve different venting configurations
- Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

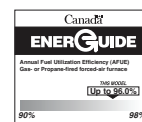
Limited Warranty*

- 20-year heat exchanger limited warranty
- Five-year parts limited warranty
 - With timely registration, an additional five-year parts limited warranty

* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

For California Residents: If installed with a manufactured (mobile) home conversion kit in SCAQMD: 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

Illustrations and photographs are only representative. Some Product models may vary.



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.



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



R96MSN (con't.)

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Multi-Speed ECM, Gas Furnace

Unit Performance Data

Model Number	Heating Input (BTUH)	AFUE (up to)		Cooling Capacity CFM range @ 0.5 in. W.C. (125 Pa)	Operating Dimensions Height x Width x Depth inches (millimeters)	Shipping Weight lbs (kg)
		Upflow/H	Downflow			
R96MSN0401410A	40,000	96.0%	95.0%	155-1000	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	123 (56)
R96MSN0401712A	40,000	96.7%	95.0%	160-1075	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	130 (59)
R96MSN0601716A	60,000	97.0%	95.0%	315-1580	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	142 (64)
R96MSN0801716A	80,000	97.0%	95.0%	370-1625	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	150 (68)
R96MSN0802120A	80,000	97.0%	95.0%	225-2125	35 x 21 x 29-1/2 (889 x 533 x 750)	158 (72)
R96MSN1002120A	100,000	96.3%	95.0%	375-2145	35 x 21 x 29-1/2 (889 x 533 x 750)	167 (76)
R96MSN1202422A	120,000	96.1%	95.0%	290-2240	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	181 (82)