



THE NEXT GENERATION IN CONDENSING BOILERS

M-SERIES

More Efficiency For You And Your Customers

Why the "M" Series? For maximum momentum. Using proven technology, these boilers are designed to keep your work day moving quickly and your customers happy.



THE ADVANTAGES



OPERATIONAL PERFORMANCE



Look Inside

Venting -

Integrated Venturi

Modulating Pump

- temperature for water used in the

Condensate Trap

• Easy to remove

Asymmetric Plate Heat Exchanger





C

Zero Gas **Governor Valve**

• Performs better at

High-Efficiency Stainless Steel Heat Exchanger

Silencer

Diverter Valve

• Controls the flow of water between heating system or DHW

Flow Sensor

Benefits That Raise The Bar

Rinnai M-Series boilers offer 3 distinct advantages above and beyond your average boiler.

Faster, Easier Installation

- Compact and lightweight design
- Convenient mounting bracket
- NPT threads for connection points
- More flexible venting options
- Simplified parameters for commissioning and setup



Efficient Heating

- More heating output
- More heat transfer for domestic hot water
- Consistently lower utility costs
- Modulating pump for consistent temperature control of water used in the heating system, efficient gas and less electrical consumption
- Integrated bypass to ensure proper flow to the heat exchanger
- $\mbox{-}$ Quiet operation comparable to the range of ambient noise in a library



Simplified Service

- Simple control interface with large display
- Simplified parameters and menu navigation
- Easy to service







New Product Lineup



COMBI (NG MODELS)				
MODEL #	MO60CN	MO90CN	M120CN	M160CN
MAX INPUT	60,000 BTUh (17.6 kW)	90,000 BTUh (26.4 kW)	120,000 BTUh (35.2 kW)	160,000 BTUH (46.9 kW)
MIN INPUT	17,000 BTUh (5.0 kW)	23,500 BTUh (6.9 kW)		
TURNDOWN RATIO	3.53:1	3.83:1	5.11:1	6.81:1
DHW OUTPUT	2.6 GPM @ 70° F ΔT (12 L/MIN @ 39° C ΔT)	4.2 GPM @ 70° F ΔT (18 L/MIN @ 39° C ΔT)		
WEIGHT	81.5 lbs. (37 kg)	88 lbs. (40 kg)		

INCLUDED WITH ALL UNITS

Each Rinnai Condensing Gas Boiler ships with:

• LP Field Conversion Kit

Rinna

- Flue Adapters
- Outdoor Reset Sensor
 - Pressure Relief Valve (PRV)

• 1" NPT Adaptors (2)

G MODELS)						
MOGOSN	MO9OSN	M12OSN	M160SN			
60,000 BTUh	90,000 BTUh	120,000 BTUh	160,000 BTUh			
(17.6 kW)	(26.4 kW)	(35.2 kW)	(46.9 kW)			
17,000 BTUh		23,500 BTUh				
(5.0 kW)		(6.9 kW)				
3.5:1	5.3:1	5.1:1	6.8:1			
77 lbs.		81.5 lbs.				
(35 kg)		(37 kg)				

• Temperature Pressure Gauge

endless quality and support

100 years of smart comfort

For nearly a century, Rinnai has been fiercely committed to delivering a smarter kind of comfort. With headquarters in Japan and a network of 20 subsidiaries and 86 sales offices in 13 countries, this commitment has made us one of the world's largest gas appliance manufacturers. Our value-added products continue to stay in step with the demands of a changing world.



The highest standards of quality

Rinnai employs more than 600 research and development engineers, all focused on uncompromising quality in design and manufacturing.

Advanced automation and precision assembly processes have made our manufacturing facilities an industry model for efficiency. Throughout the world, our standards for quality remain unsurpassed.

- Every product undergoes live testing before shipping
- One of the few tankless water heater manufacturers with its own state-of-the-art Canadian Standards Association (CSA) Certified Testing Laboratory, including CSA accredited lab technicians
- All products have been approved by the CSA and adhere to the strict standards of the American National Standards Institute (ANSI)

Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Water Heating Systems, Boilers, Vent-Free Fan Convectors and EnergySaver® Direct Vent Wall Furnaces at:

rinnai.us | rinnai.ca



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