

SUBMITTAL SHEET

JOB NAME _____

LOCATION _____

ARCH. / ENGR. _____

WHOLESALER _____

MECH. CONTRACTOR _____

MODEL NO. _____ GAS TYPE _____

BTU/HR INPUT _____ BTU/HR OUTPUT _____

NOTES _____

Standard equipment

Boiler

- Stainless Steel Firetube Heat Exchanger
- Non-Metallic Heat Exchanger Base
- DHW Brazed Plate Heat Exchanger
- Negative Pressure Regulated Gas Valve
- Variable Speed Blower Assembly
10-to-1 Turndown Ratio
- Built-in Boiler Circulator (Taco 0015e)
- 3-in-1 Vent Adapter w/Test Port
Readily Accepts 3" PVC, PP & SS
- 50 VA Transformer
- Temperature & Pressure Gauge
- Outlet Water Temperature Sensor
- Inlet Water Temperature Sensor
- Flue Gas Temperature Sensor
- Relief Valve
- Outdoor Temperature Sensor
- Wall Mount Bracket
- Condensate Trap
- Low NOx Rated & ASME Certified
- High Altitude Approved

Boiler Control

- Touchscreen Display
Text Based — No Codes
- Easy Set Up with Simple Set Up Wizard
- Two Circulator Control
*Boiler Circulator
System Circulator*
- WM ProTools Tech App Enables:
Bluetooth® Connectivity
- Outdoor Reset w/Included Sensor
- Freeze Protection
- Circulator Exercising

Optional equipment

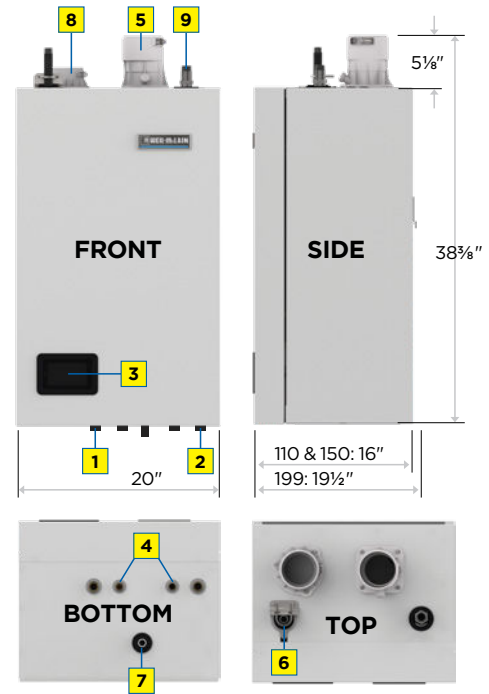
- Propane Conversion Kit
- Low Water Cut-Off Kit
- Prefab Easy Up Manifold Kit
- Combi Service Valve Kit
- Concentric Vent Kit
- Sidewall Vent/Air Cap Termination Kit
- Water Treatment and Test Kit
- Condensate Neutralizer Kit
- System Temperature Sensors
- Adjustable Floor Stand
- Maintenance Kits
- Parts Kit



DIMENSIONS:

All measurements are in inches

- Boiler Out Connection:
 - 110 & 150 Sizes: ¾" Male NPT
 - 199 Size: 1" Male NPT
- Boiler In Connection:
 - 110 & 150 Sizes: ¾" Male NPT
 - 199 Size: 1" Male NPT
- Control Touchscreen Display
- DHW In/Out Connections:
 - 110 & 150 Sizes: ½" Male NPT
 - 199 Size: ¾" Male NPT
- Vent Connection: 3" PVC/PP/SS
- Gas Connection: ½" Male NPT
- Condensate Tube Connection
- Air Intake Connection: 3" PVC
- Connection for Relief Valve and Air Vent: ¾" Male NPT



RATINGS:

		Model ¹		
		110-C	150-C	199-C
Input (MBH)		110	150	199
AHRI Certified Ratings	DOE Heating Capacity (MBH) ²	100	139	184
	Net AHRI Water Ratings (MBH) ³	87	121	160
	DOE Seasonal Efficiency (AFUE)	95%	95%	95%
Boiler Water Content (gal.)		2.2	3.1	3.8
Vent/Air Pipe Size (in.)		2 or 3	2 or 3	2 or 3
Vent Material		PVC, CPVC, PP, SS	PVC, CPVC, PP, SS	PVC (3" only), CPVC, PP, SS
Boiler Dimensions		16" L x 20" W x 34" H	16" L x 20" W x 34" H	20" L x 20" W x 34" H
Boiler Weight (lbs.)		96	105	122

Domestic Hot Water Flow Rate		Model ¹		
Gallons per minute @ temp rise		110-C	150-C	199-C
70°F		2.9	4.0	5.3
75°F		2.7	3.7	4.9
77°F		2.6	3.6	4.8

¹ Shipped as natural gas, field-convertible to LP with optional kit.

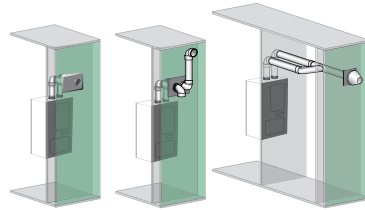
² Based on standard test procedures prescribed by the United States Department of Energy, MBH refers to thousands of Btu per hour.

³ Net AHRI ratings are based on net installed radiation of sufficient quantity for the requirement of the building and nothing needs to be added for normal piping and pick-up. Ratings are based on piping and pick-up allowance of 1.15. An additional allowance should be made for unusual piping and pick-up loads.

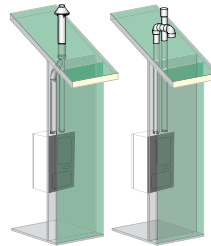
In the interest of continual improvement in product and performance, Weil-McLain reserves the right to change specifications without notice.

VENTING OPTIONS:

Sidewall direct vent



Through-the-roof direct vent



Dual pressure zones



Direct exhaust

