



ECO™

Rating of 95% or Higher for Annual Fuel Utilization Efficiency

Quality you trust.
Flexibility you want.
Value you deserve.

Water
Sealed Combustion
NAT'L or LP
MBH: 70, 110 & 155

- **Class-Leading High Efficiency Wall Mount Boiler**
- **Durable Stainless Steel Fire Tube Heat Exchanger**
- **Streamlined Design Configurable for Installation**



Mobile Product Library



WEIL-McLAIN®

www.weil-mclain.com



Among the Highest AFUE rated residential boilers

- Exceeds Energy Star requirements
- At 95% efficient, eligible for tax credits and rebates*

Optional accessories to match virtually any installation

- Low water cut off (probe style) with test button
- Paintable polypropylene sidewall vent termination
- 2" & 3" concentric vent termination-for one penetration through the sidewall or roof
- Condensate neutralizer-to help protect environment and home drain line

Easy-to-use control with LCD display

- Large LCD display makes system set up and navigation simple
- Navigate diagnostic information with simple push buttons
- Quick set up for heat and domestic hot water priority
- Display can be mounted on the boiler, or wall (up to 2' away)

Designed for easy maintenance and service of common parts

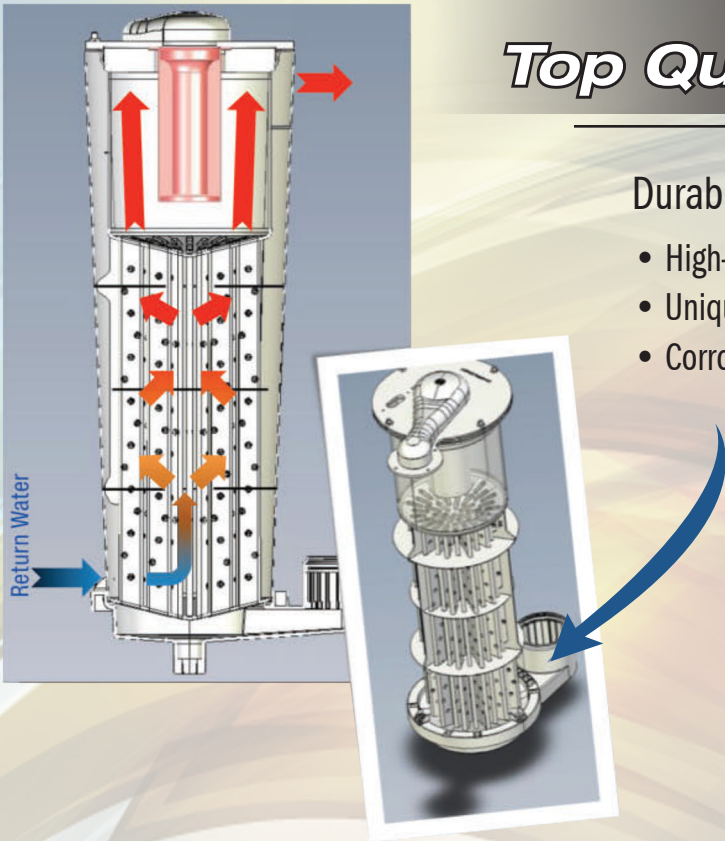
- Components positioned for fast and easy service of the gas valve, blower, heat exchanger, and control module
- Removable control terminal blocks save time making electrical connections, while eliminating potential field wiring errors
- Water treatment-choose among our cleaner, inhibitor and antifreeze products



*Check your local area for details and current rebate amounts



Top Quality Heat Exchanger



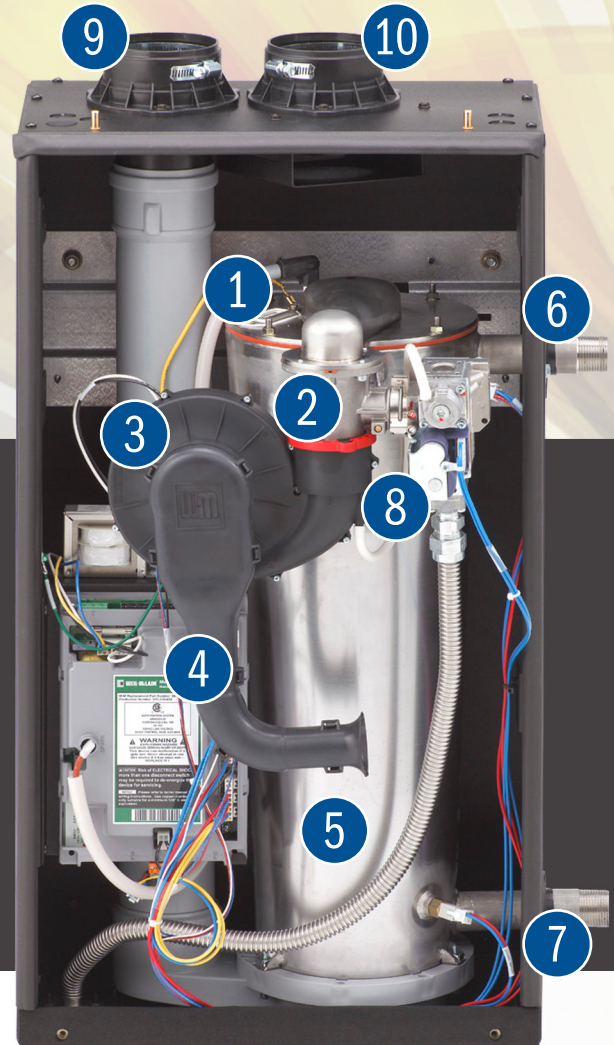
Durable stainless steel fire tube heat exchanger

- High-grade stainless steel design with low pressure drop
- Unique dimple tube design achieves high efficiencies
- Corrosion resistant polypropylene condensate collection base

ECO Components

Designed to optimize operation resulting in significant fuel savings.

- | | |
|-------------------------------------|----------------------------|
| 1 Ignition Electrode / Flame Sensor | 6 Boiler Supply Connection |
| 2 Venturi | 7 Boiler Return Connection |
| 3 Blower | 8 Gas Valve w/ Flex Piping |
| 4 Air Inlet Silencer | 9 Vent Connection |
| 5 Stainless Steel Heat Exchanger | 10 Air Connection |



70/110 model shown



Why Weil-McLain...

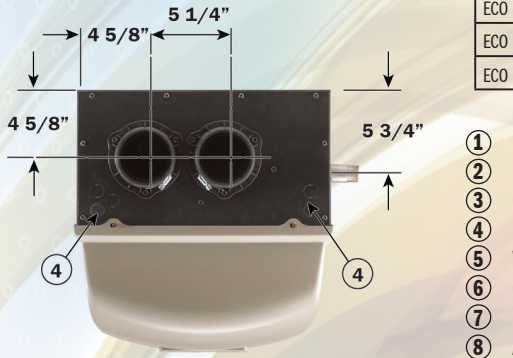
- Full product line to satisfy every application
- Every residential gas boiler is hydrostatically tested to ASME standards and test fired
- Backed by Weil-McLain quality and a warranty that provides peace of mind
- Unrivaled technical and field sales support
- Over a 130 year proud history and North America's leading boiler manufacturer



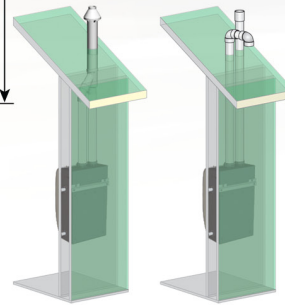
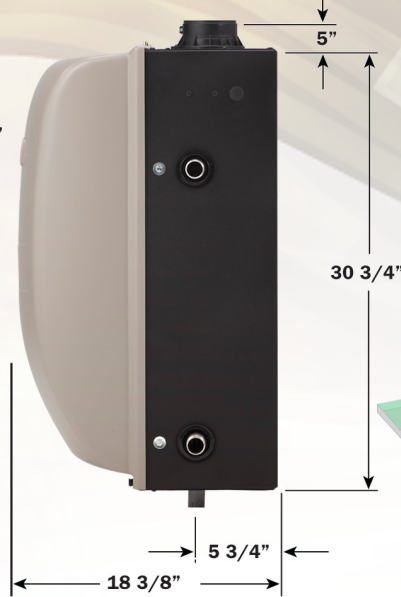
Model*	Input MBH		DOE Heating Capacity MBH	Net I=B=R Water Ratings MBH	DOE Seasonal Efficiency AFUE%	Vent Diameter Inches	Vent Material	Boiler Water Content Gal.
	Max	Min						
ECO 70	70	14	65	57	95.2	3	PVC, CPVC, PP, SS	2.5
ECO 110	110	22	101	88	95.0	3	PVC, CPVC, PP, SS	2.5
ECO 155	155	28	143	124	95.1	3	PVC, CPVC, PP, SS	3.2

Model	Supply Tapping In.	Return Tapping In.	Gas Connection Size In.	Minimum Recommended Pipe Size In.	Approx. Shipping Weight (lbs)
ECO 70	1	1	1/2	1	117
ECO 110	1	1	1/2	1	117
ECO 155	1 1/4	1 1/4	1/2	1 1/4	130

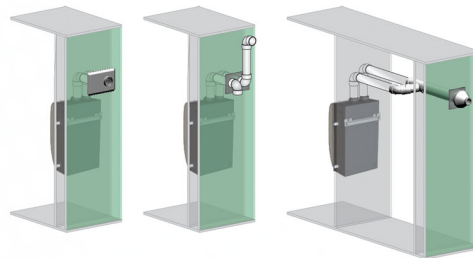
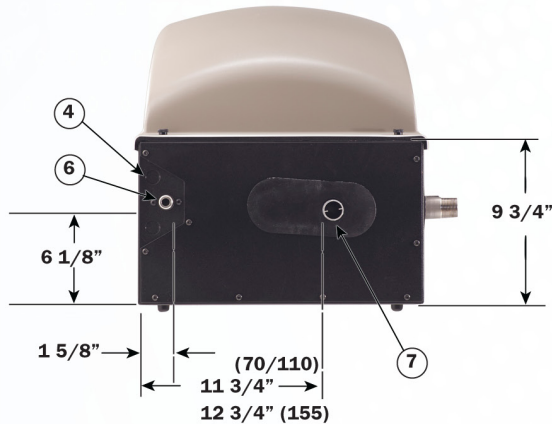
* Natural gas field convertible to LP as standard equipment



- ① Boiler supply tapping: 1" NPT
- ② Boiler return tapping: 1" NPT
- ③ Control display with navigation buttons
- ④ Electrical entrance openings
- ⑤ Vent connection: 3" PVC
- ⑥ Gas connection
- ⑦ Condensate trap nozzle
- ⑧ Air connection: 3" PVC



Multiple Venting Options:



Sidewall Direct Vent

Through-the-roof Vent

STANDARD EQUIPMENT

BOILER

- Stainless Steel Heat Exchanger
- 30 PSI ASME Relief Valve
- Drain Valve
- Stainless Steel Burner
- Direct Spark Ignition
- Variable Speed Blower Assembly
- Venturi Mixing System with Air Silencer
- Negative Pressure Regulated Gas Valve
- 50 VA Transformer
- Dual Scale Temp. & Pressure Gauge
- Outlet Water Temp. Sensor
- Inlet Water Temp. Sensor
- Flue Gas Temp. Sensor
- Outdoor Temp. Sensor
- Sentinel X100 Inhibitor and Test Kit

CONTROL MODULE

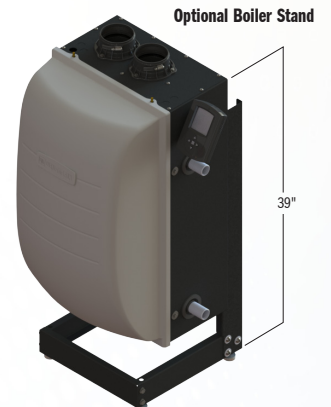
- 3.5" LCD Display
- Central Heat Circulator Control
- DHW Circulator Control w/ Priority
- Ignition Control
- High Limit & Modulating Temp. Control
- Outdoor Reset
- Freeze Protection
- Circulator Exercising

COMPLETE JACKET ASSEMBLY WITH

- Fully Removable Jacket Front Door
- Mounting Bracket
- Condensate Trap
- Propane Conversion Orifice

OPTIONAL EQUIPMENT

- Concentric Vent Kit
- Condensate Neutralizer Kit
- Low Water Cut-off Kit
- Sidewall Vent/Air Termination Kit
- Boiler Stand Kit
- Maintenance Kits



Optional Boiler Stand

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

