



AquaBalance[®]

SERIES 2

by  **WEIL-McLAIN[®]**

HEAT ONLY AND COMBINATION GAS WALL MOUNT BOILERS

95%
AFUE
Energy Efficiency

Bringing
heat and **hot water**
into perfect **Balance**



Efficiency, ease and value blend into one



95.0%
AFUE energy
efficiency

Efficiency and technology that exceeds the standard

Whether you choose the AquaBalance® heat only or combination (combi) boiler, you're assured energy efficiency that meets the rigorous standards of all Weil-McLain boilers. It's a level of efficiency that earns ENERGY STAR® rebates and doesn't compromise on performance. You're also benefiting from the industry's latest stainless steel, titanium-infused, heat exchanger technology.



80-155K
heating
input

Plenty of capacity

Now add in the capability to meet homeowners' everyday needs. AquaBalance's heating capacity keeps every family toasty. And the combi model has plenty of power for whole house domestic water heating. It provides a constant supply of hot water by producing up to an impressive 4 gallons per minute (GPM at 70°F rise*).



4.0
GPM*
at 70° rise
minimum

Easy to install

The AquaBalance heat only models are very simple to install. Fewer pipes and less connection points translate into less time. With AquaBalance, the whole system is up and running quickly. By making the switch from a separate boiler and hot water tank to the AquaBalance combi-system, the contractor installation process is streamlined.

Once AquaBalance is installed and operating, contractors and homeowners alike will appreciate the simple, user-friendly controls and the unit's aesthetically pleasing design. Rest easy, knowing that the design and reliable operation has passed the Weil-McLain gold standard.

Very affordable

Here's one more thing that makes AquaBalance easy to like: a great value at a very affordable price. It will have a calming effect.

Balancing space.

Balancing lives.

Great things really do come in small packages. The new AquaBalance® combi-boiler combines the unmatched reliability of Weil-McLain with the warmth of high-efficiency space heating and the convenience of on-demand domestic hot water. All in one elegant, space-saving package.

The unity of space and power

AquaBalance® is the perfect solution for people who live in smaller, single-family homes, apartments or condos. It's sleek, compact design is small enough to fit in a closet. Yet, its high-efficiency condensing technology has the power to supply hydronic heat for up to a 2,500 square-foot home while supplying enough hot water to run two showers and a dishwasher simultaneously.*

Backed by a legacy of reliability

Perfect for retrofits or new construction, AquaBalance lets customers gain extra room, enjoy eco-friendly energy savings, and turn on all the hot water they need, as quick as they can find the faucet. Backed by Weil-McLain, with over a 135-year legacy of bringing warmth and comfort to millions of households, AquaBalance is the right choice to make the most of space.



AquaBalance quality

AquaBalance from Weil-McLain leverages leading-edge boiler technology to optimize smaller space residential applications. Top-to-bottom, AquaBalance has a range of features second to none in delivering energy efficient, worry-free space heat and domestic hot water.

Whole Home Domestic Water Heating Capability:

Our 155k BTUH input unit produces up to 4.0 GPM at 70°F temperature rise, more than enough hot water for 2 showers and a faucet/dishwasher simultaneously.

*155MBH combi model

STANDARD EQUIPMENT:

- Stainless Steel heat exchanger
- Mounting bracket and hardware
- Spark ignition
- Outdoor sensor
- Honeywell control
- T & P gauge
- 3-prong power cord
- Condensate drain
- Relief valve
- 3-in-1 Vent adapter
- Low NOx SCAQMD compliant

COMBI MODELS:

- DHW flat plate heat exchanger
- 3-speed circulator

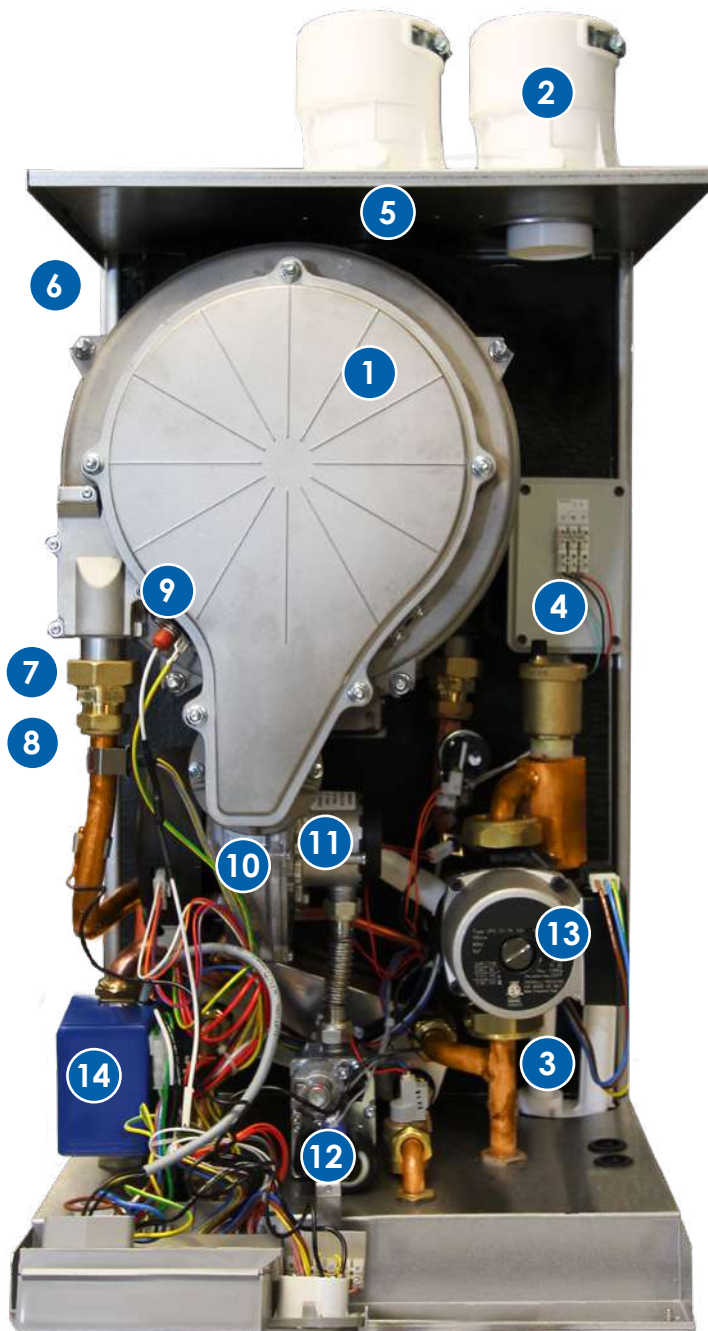
OPTIONAL EQUIPMENT:

- Propane conversion kit
- Concentric vent kit
- Condensate neutralizer
- Water treatment inhibitor and test kit

WARRANTY:

- 10 year limited warranty heat exchanger for residential use
- 5 year limited warranty heat exchanger for commercial use
- 2 year limited warranty all other parts

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



Features include:

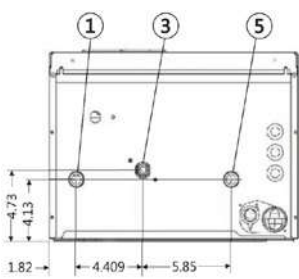
1. 1" Diameter ASME certified 316L Stainless Steel single tube heat exchanger – low pressure drop
2. 3-in-1 vent adapter — accepts PVC, CPVC, SS or PP materials
3. Internal condensate trap
4. 24 VAC thermostat relay, fuse protected with prewired terminal strip
5. Heavy gauge insulated jacket — provides quiet operation
6. Contractor friendly removable sides
7. Quality brass nuts on heat exchanger for both DHW and space heating
8. Sensors used in place of additional boiler controls
9. Ignitor
10. Blower
11. Venturi
12. Gas valve with 10:1 turn down ratio

Combi Version ONLY:

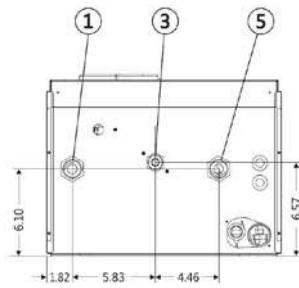
13. Internal 3-speed circulator
14. 3-way valve with bypass lever

Not pictured:

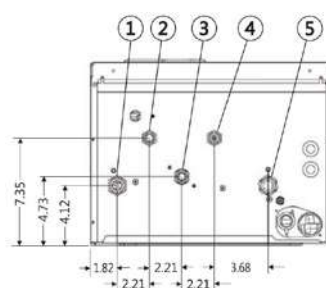
- Digital Display Honeywell Control
- 120V, 6 ft. power cord with plug



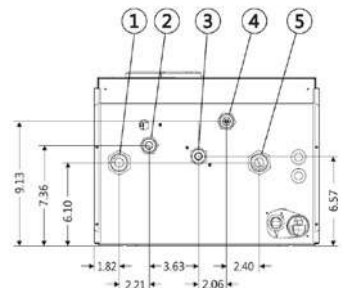
Heating Only Bottom (80/120)



Heating Only Bottom (155)



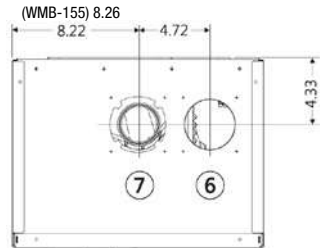
Combi Bottom (80/120)



Combi Bottom (155)



Front (80/120/155)



Top (80/120/155)

Connections (NPT / Inches)

		80/120	155
1	Heating system supply tapping	3/4"	1"
2	Domestic hot water outlet	1/2"	3/4"
3	Gas connection	1/2"	3/4"
4	Domestic cold water supply	1/2"	3/4"
5	Heating system return tapping	3/4"	1"
6	Combustion air connection	3"	3"
7	Flue outlet connection	3"	3"

Domestic Hot Water Flow Rate (Based on 70° temperature rise)

Model ¹	Gallons per minute
AB-80C	2.0
AB-120C	3.2
AB-155C	4.0

	Model ¹	Input MBH		AHRI Certified Ratings				Vent material	Boiler water content (Gallons)	Approx. shipping weight (Lbs.)
		Max.	Min.	DOE heating capacity MBH ²	Seasonal efficiency AFUE %	Net water rating MBH ³	Vent/air pipe size (Inches) ⁴			
HEAT ONLY	AB-80	80	8	75	95.0	65	2 or 3	PVC, CPVC, PP, SS	1.03	64
	AB-120	120	12	112	95.0	97	2 or 3	PVC, CPVC, PP, SS	1.23	67
	AB-155	155	15.5	144	95.0	125	2 or 3	PVC, CPVC, PP, SS	1.23	67
COMBI	AB-80C	80	8	75	95.0	65	2 or 3	PVC, CPVC, PP, SS	1.11	77
	AB-120C	120	12	112	95.0	97	2 or 3	PVC, CPVC, PP, SS	1.31	80
	AB-155C	155	15.5	144	95.0	125	2 or 3	PVC, CPVC, PP, SS	1.33	87

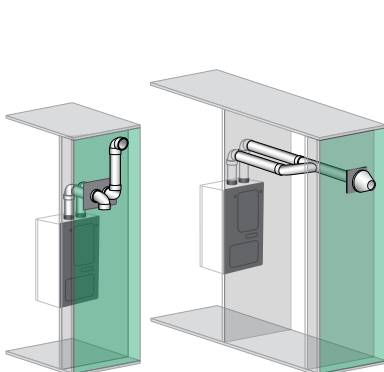
¹Natural gas field convertible to LP with optional kit.

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

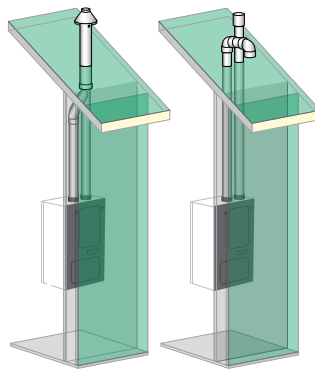
³Net AHRI ratings are based on net installed radiation of sufficient quantity for the

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.

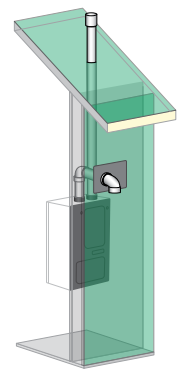
⁴Boilers must be vented directly to the outdoors. See boiler manuals for details.



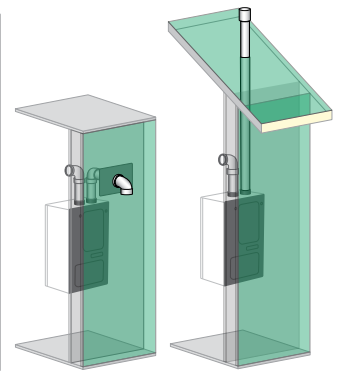
Sidewall direct vent



Through-the roof direct vent



Dual pressure zones



Direct exhaust



Innovating the future of comfort



AquaBalance® from Weil-McLain joins the industry's widest selection of high-efficiency gas and oil-fired boilers for residential and commercial heating needs. While other manufacturers may sacrifice true real-world performance in an effort to promote certain claims, our certified boilers have set the industry standard for reliability, comfort and solid operation.

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SIMPLIFIED SOLUTIONS FOR OUR COMPLEX WORLD™

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