

Aqua Plus

- 316L Stainless Steel Tank and Coil Design
 - High Output Heat Exchanger
 - Advanced Digital Control
 - Fully Passivated and Welded Design—
No Anode Rod Needed
 - Stylish Gray Color
 - Drain Valve and Temperature/Pressure Relief
Valve Included
- **Now With a Residential Limited Life Time Warranty!**

- Stainless steel tank and coil design
- Superior 1st hour ratings
- 5 sizes to suit any application: 35/45/55/85/105 Gallons



Design Benefits

- Compact Size
- Easily fits into low ceiling basements or storage rooms without sacrificing height or performance
- Accent-colored grommets
- 1" diameter 316L stainless steel coil for maximum performance and recovery
- Temperature/pressure relief valve and drain tap included as standard equipment

Benefits that Conserve...

Low residual heat losses with 2 inches of dense foam insulation

- Standby losses as low as 0.4°F/hr
- No need for additional after-market insulation blanket
- CFC-free and environmentally safe

Benefits of AHRI

Air-Conditioning, Heating and Refrigeration Institute (AHRI) is a trade organization of over 300 HVACR manufacturers with 3 core missions:

- Advocate on behalf of all HVACR manufacturers at all levels of government
- Maintain certification programs that offer unbiased evaluation of HVACR equipment
- Develop industry-recognized performance standards for industry equipment

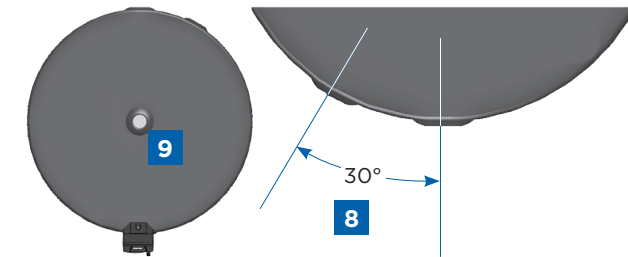
Durability Benefits

- Heavy-duty poly resin top and bottom covers resist cracks, abrasions and dents that may occur during installation
- Multi-position leveling legs for quick installation on uneven floors
- Stylish, resilient vinyl outer jacket - Rust and dent resistant



CONNECTIONS/COMPONENTS:

- | | |
|---|--|
| 1. Boiler water inlet (see table for size) | 8. Angle between boiler water connections and domestic water connections |
| 2. Boiler water outlet (see table for size) | 9. Connection for T&P valve (3/4") - valve supplied loose with water heater; field installed |
| 3. Cold domestic water inlet (see table for size) | 10. Connection for drain valve - valve supplied loose with water heater; field installed |
| 4. Domestic hot water outlet (see table for size) | |
| 5. Electronic digital control with adjustment knob | |
| 6. Sensor cover | |
| 7. Leveling leg adjustment range = 5/8" to 1 1/4" (add this amount to the | |



FEATURES:

- 316L stainless steel tank welded with "tig and plasma" technology
 - Higher tolerance against corrosion vs. carbon steel tanks
 - 100% air pressure/water testing of tank and coil
- High output over 1" diameter 316L stainless steel heat exchanger
 - Superior 1st hour rating and recovery
 - Large diameter heat exchanger allows for low pressure drop
- Fully passivated to protect against corrosive water conditions
- Temperature/pressure relief valve and drain valve are standard equipment
- Digital thermostat ensures precise accuracy for optimal performance
- Thermostat probe already installed for quick and easy wiring
- All connections located on the side of the tank for fast, neat and simple installation
 - All connections come with plastic grommets for cleaner inspection of tappings
- Exceptional "R" value with 2 inches of dense foam insulation
 - CFC free and environmentally safe
 - Low off cycle losses
- Adjustable feet for uneven floors

Benefits of Indirect-Fired Water Heaters

- Operates as a zone to the boiler, reducing fuel consumption
- Tightly wound coil provides a faster recovery than direct fired water heaters
 - Typically lose only 0.5°F/hr
- No additional exhaust flues, or fuel piping to consider
- Boiler operates less frequently than with other water heating types resulting in higher efficiencies
- Delivers superior first hour gallons per minute domestic hot water

Why Weil-McLain

- Full product line to satisfy every application
- Unrivalled technical and field support
- Limited Residential Lifetime Warranty

SPECIFICATIONS

RATINGS (WITH 50°F DOMESTIC WATER INLET AND STATED OTHER CONDITIONS)

Aqua Plus® Model	200°F Boiler Water			190°F Boiler Water			180°F Boiler Water		
	Boiler Out MBH	115°F DHW GPH	140°F DHW GPH	Boiler Out MBH	115°F DHW GPH	140°F DHW GPH	Boiler Out MBH	115°F DHW GPH	140°F DHW GPH
35	170	337	223	170	311	202	150	284	181
45	190	363	243	170	335	222	150	307	200
55	210	443	302	190	411	278	190	378	252
85	300	551	374	250	511	343	250	470	310
105	350	715	483	350	662	442	300	608	400

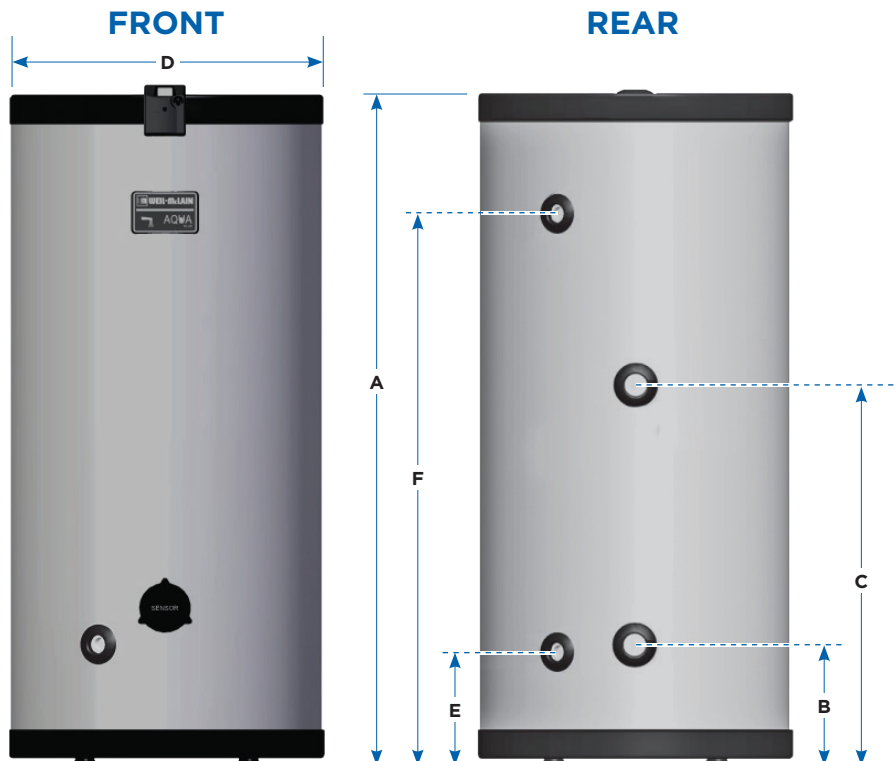
DATA

	35	45	55	85	105
DHW Side Storage (gal.)	29.7	39.9	54.1	81.6	110.9
Boiler Side Storage (gal.)	1.7	1.9	2.2	2.7	3.9
Recommended Flow Rates (GPM)	8	8	8	14	14
Head Loss-Boiler Side (ft.)	1.6	1.6	1.6	5.4	7.1
Working Pressure (Tank) (psi)	150 (maximum)				
Working Pressure (Coil) (psi)	145 (maximum)				
DHW Operating Temp (°F)	50°F-160°F, Adjustable to 180°F				
Approx. Shipping Weight (lbs)	94	111	122	223	238

DIMENSIONS

Dimensions (inches)	35	45	55	85	105
A	36 ³ / ₈	46 ¹ / ₄	60	59 ¹ / ₂	59 ³ / ₄
B	7 ⁷ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	10 ³ / ₈	14 ¹ / ₄
C	24	26	29 ⁷ / ₈	33 ¹ / ₄	41 ³ / ₈
D	21 ¹ / ₈	21 ¹ / ₈	21 ¹ / ₈	26	30
E	7 ³ / ₈	7 ³ / ₈	7 ³ / ₈	8 ⁷ / ₈	9 ⁷ / ₈
F	28	37 ⁷ / ₈	51 ³ / ₈	50 ³ / ₈	48 ³ / ₈
DHW In/Out	¾ in NPT			1 in NPT	
Boiler Water In/Out	1 in NPT			1 in NPT*	

*1¼ piping required



STANDARD EQUIPMENT:

- 316L welded stainless steel tank
- 316L stainless steel coil over 1 inch in diameter
- 2" thick CFC-free foam insulation
- 150 PSI T&P relief and drain valves included
- Digital thermostat residential/commercial capable
- Poly resin top and bottom caps
- Leveling legs



LOW LEAD CONTENT

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