



INDIRECT-FIRED WATER HEATERS

# 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

- **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
- Connections are on the side for a clean look
- Accent-colored grommets
- 1" diameter 316L stainless steel coil for maximum performance and recovery
- Temperature and pressure relief valve 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



## 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





### CONNECTIONS/ COMPONENTS:

- |                                |                        |
|--------------------------------|------------------------|
| 1. Digital thermostat          | 4. Hot water outlet    |
| 2. Thermostat probe            | 5. Boiler water inlet  |
| 3. T&P relief valve connection | 6. Boiler water outlet |
|                                | 7. Cold water inlet    |



### 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 and pressure relief valve 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

## Why Weil-McLain

- Full product line to satisfy every application
- Backed by Weil-McLain quality and peace of mind warranty
- Unrivalled technical and field support
- Over a 135 year proud history, and North America's leading boiler manufacturer

# 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 <sup>3</sup> / <sub>8</sub>	46 <sup>1</sup> / <sub>4</sub>	60	59 <sup>1</sup> / <sub>2</sub>
B	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
C	24	26	29 <sup>7</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>4</sub>	41 <sup>3</sup> / <sub>8</sub>
D	21 <sup>7</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>8</sub>	26	30
E	7 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>8</sub>
F	28	37 <sup>7</sup> / <sub>8</sub>	51 <sup>3</sup> / <sub>8</sub>	50 <sup>3</sup> / <sub>8</sub>	48 <sup>3</sup> / <sub>8</sub>
DHW In/Out	¾ in NPT			1 in NPT	
Boiler Water In/Out	1 in NPT			1 in NPT*	

\*1/4" 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 valve 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.