Weil-McLain’s Full Line of Indirect-Fired Water Heaters

TEMPERATURE AND PRESSURE RELIEF VALVE STANDARD EQUIPMENT

THERMOSTAT CONNECTIONS ALREADY INSTALLED FOR QUICK AND EASY WIRING

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 304 STAINLESS STEEL HEAT EXCHANGER
- Superior 1st hour rating and recovery
- Large diameter heat exchanger allows for low pressure drop

ALL CONNECTIONS INCLUDING BOILER SUPPLY AND RETURN, DOMESTIC WATER, AND DOMESTIC RECIRCULATION ARE ON THE SIDE OF THE TANK
- Domestic Recirculating tapping allows for quick connection for installing recirculating line and circulating pump
- All connections come with plastic grommets for cleaner inspection of tappings

INSPECTION PORT ON EVERY TANK LOCATED NEAR THE BOTTOM OF THE TANK
- Hatch provides easy access for tank cleaning and inspection

MAGNESIUM ANODE INSTALLED IN ALL TANKS
- Factory installed Magnesium Anode is a sacrificial element, that makes for effective electrochemical tank protection

EXCEPTIONAL "R VALUE" WITH 2 INCHES OF DENSE FOAM INSULATION
- CFC-free and environmentally safe
- Low off cycle losses

ADJUSTABLE FEET FOR UNEVEN FLOORS

FAMILY OF PRODUCTS WITH 5 DIFFERENT SIZES TO CHOOSE FROM

Available in sizes: 35, 45, 55, 85, 105

WEIL-MCLAIN®
www.weil-mclain.com
Benefits of AHRI...

- 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

Benefits of AHRI Certification

- Unbiased evaluations of a product’s performance
- Products are independently tested and certified to meet the stated performance ratings
- Test results are published on the AHRI website for side-by-side competitive comparison

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 woven vinyl outer jacket
  - Rust and dent resistant
  - Commercial grade zipper allows for field replacement without tools

Longevity Benefits

- Weil-McLain® exclusive easily replaceable Magnesium anode
  - Provides protection against corrosive water – replace the anode, not the tank
- Extra-large inspection port
  - Easy access for cleaning and inspection
  - No need to disconnect the tank from the system piping

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

Benefits of Indirect-Fired Water Heaters...

- Maximum Heat Exchanger Performance
  - It is run as a zone to the boiler, reducing fuel consumption
  - Tightly wound coil provides a faster recovery than direct fired water heaters
  - Typically loss only 0.5°F/ hr
  - No additional exhaust fumes, or fuel piping to consider
  - Boiler operates less frequently than with other water heating types resulting in higher efficiencies
  - Delivers superior first hour GPM domestic hot water

- 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
  - Dedicated tapping for recirculation systems, saving time and money
  - Inspection and cleaning hatch
  - 1” diameter 304 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  
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### Ratings - (With 50°F domestic water inlet and stated other conditions)

<table>
<thead>
<tr>
<th>Aqua Plus® Model</th>
<th>Boiler Out</th>
<th>115°F DHW</th>
<th>140°F DHW</th>
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<td>608</td>
<td>400</td>
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### Data

**Aqua Plus® Model**
- DHW Side Storage (gal.)
- Boiler Side Storage (gal.)
- Recommended Flow Rates (GPM)
- Head Loss-Boiler Side (ft)
- Working Pressure (Tank) (psi)
- Working Pressure (Coil) (psi)
- DHW Operating Temp (°F)
- Approx. Shipping Weight (lbs)

<table>
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<th>45</th>
<th>55</th>
<th>85</th>
<th>105</th>
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<tr>
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<td>53.1</td>
<td>80.6</td>
<td>109.4</td>
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<td>14</td>
<td>14</td>
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<tr>
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*Optional 180°F thermostat available

### Dimensions

**Aqua Plus® Model**
- DHW In/Out & Recirc
- Boiler Water In/Out
- A Dimension (in.)
- B Dimension (in.)
- C Dimension (in.)
- D Dimension (in.)
- E Dimension (in.)
- F Dimension (in.)
- G Dimension (in.)

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<td>1 in NPT*</td>
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<td>29 7/8</td>
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<td>37 7/8</td>
<td>51 3/8</td>
<td>50 3/8</td>
<td>48 5/8</td>
</tr>
</tbody>
</table>

*1 1/4" piping required

### Key Features:
1. Boiler water inlet
2. Boiler water outlet
3. Cold water inlet
4. Hot water outlet
5. Domestic water recirculation inlet
6. Insulation hatch and cover with thermostat knob
7. Magnesium anode rod
8. T&P relief valve connection

### Standard Equipment

**Standard Equipment**
- AHRI Certified® - The Trusted Mark of Performance Assurance
- Factory pressure tested
- 316L welded stainless steel tank
- 304 stainless steel coil over 1 inch in diameter
- Exclusive replaceable anode
- Dedicated recirculation tapping
- 2"-thick CFC-free foam insulation
- Large inspection port for easy cleaning and service
- 150 PSI T&P relief valve included

### Tank Sizes:
- 35, 45, 55, 85, 105