LAARS-Stor®

STAINLESS STEEL INDIRECT-FIRED WATER HEATER


Submittal Data

The LAARS-STOR® SS Models Feature:

- Stainless Steel Tank and Heat Exchanger—Made from chromium molybdenum - titanium ferritic 444 stainless steel alloy.
- Stainless Steel Heat Exchanger—Single-wall 1" (25mm) O.D. stainless steel coil. Maximum supply temperature from the boiler must not exceed 240°F (116°C).
- Factory Installed Sediment Reducing Inlet Tube—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank (excluding LS-SS-120-L).
- Immersed Adjustable Honeywell Aquastat—Supplied with a fast acting immersion aquastat for automatic temperature control (adjustable from 80°F to 160°F - 27°C to 71°C).
- Supply and Return Connections—1" (25mm) NPT female connections are located on the front for both the boiler supply and boiler return.
- Insulation System—2" (51mm) Non-CFC foam insulation covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
- T&P Relief Valve—Included.
- Low Restrictive Brass Drain Valve—Durable tamper proof design (excluding the LS-SS-120-L).
- AHRI Certified—These water heaters are rated by the Air-Conditioning, Heating, and Refrigeration Institute to provide accurate performance data within the standards of the certification. This certification provides a recognized standard for proper comparison of hydronic appliances.

Limited Lifetime Tank and Heat Exchanger Warranties / 6-Year Limited Warranty on Component Parts.

5-Year Limited Tank Warranties on Commercial Models/1-Year Limited Warranty of Component parts

For products installed in USA, Canada, and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.
**LAARS-STOR® SS Stainless Steel Indirect Water Heater**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>A Floor to Heater Top</th>
<th>B Jacket Dia.</th>
<th>C Floor to T&amp;P Conn.</th>
<th>D Floor to Hot Water Conn.</th>
<th>E Floor to Cold Water Conn.</th>
<th>F Floor to Exchanger Outlet</th>
<th>G Floor to Exchanger Inlet</th>
<th>H Floor to Aquastat</th>
<th>Approx. Shipping Weight</th>
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<tbody>
<tr>
<td>LS-SS-30-L</td>
<td>29</td>
<td>31½”</td>
<td>24</td>
<td>22½”</td>
<td>32½”</td>
<td>32½”</td>
<td>10</td>
<td>22½”</td>
<td>16½”</td>
<td>75</td>
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<td>LS-SS-40-L</td>
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<td>24</td>
<td>29½”</td>
<td>38¼”</td>
<td>38¼”</td>
<td>10</td>
<td>24½”</td>
<td>18½”</td>
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<td>LS-SS-50-L</td>
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<td>24</td>
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<td>48½”</td>
<td>48½”</td>
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<td>29½”</td>
<td>19½”</td>
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<td>10</td>
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<td>19½”</td>
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<td>LS-SS-120-L</td>
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<td>68½”</td>
<td>30½”</td>
<td>63½”</td>
<td>53</td>
<td>2</td>
<td>11</td>
<td>39½”</td>
<td>30½”</td>
<td>217</td>
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</tbody>
</table>

**Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.**

**NOTE:** These certified ratings were obtained with a heat source output and flow rate as specified and a 180°F (82°C) boiler water supply temperature. Other results will be obtained under different conditions.

**General**

All units are certified at 300 PSI (2068 kPa) test pressure and 150 PSI working pressure (1034 kPa). All potable water connections are 3/4" NPT (1" NPT on LS-SS-120).

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Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into the potable water side. The potable side of this unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance. The heat exchanger side of the unit may be used in space heating applications.

**Customer Service and Product Support:** 800.900.9276 • Fax 800.559.1583

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