EZ PLATE® STORAGE WATER HEATER
Double-wall, Brazed Plate, Packaged with AquaPLEX® Pressure Vessel
Energy Source: Boiler Water

STANDARD FEATURES and EQUIPMENT

HEAT ENGINE
- ASME Section VIII, Div. 1 stamped and National Board Registered for 362 psi maximum allowable working pressure
- Counter-flow, double-wall 316L stainless steel brazed plate with enhanced plates for improved heat transfer
- Factory-assembled copper, brass and bronze waterside piping, valves and fittings (includes press-form fittings (Viega® ProPress®))
- ASME-rated pressure relief valve
- Clean in place valves for heat exchanger
- Bronze Y-strainer with blow down valve on domestic water to the heat exchanger
- Bronze circulating pump
- Heavy duty steel stand with durable powder-coated finish
- Dual heat exchanger product comes standard with selection switches

PRESSURE VESSEL
- AquaPLEX® tank (unlined duplex alloy)
- ASME Section IV, HLW stamped and National Board Registered for 150 psi maximum allowable working pressure
- ASME rated temperature and pressure relief valve(s)
- Non-ferrous, removable tank fittings
- Manway tank access (250 gallon and larger tanks)
- Fiberglass insulation
- Coated steel jacket panels
- Bottom drain valve
- Tie down anchor points on tank
- Lifting lugs

OPERATING CONTROLS AND SAFETIES
- Programmable electronic operating control with digital temperature readouts
- Immersion temperature limiting device (high limit control)
- Terminals for remote on-off

WARRANTY and SERVICE POLICY
- 25-year tank warranty (PV901) ①
- 18-month heat exchanger warranty against thermal shock, material or manufacturing defect (PV8465B) ①
- 1-year cost-free service policy (PV551) ①
- Conditions exist outside of the continental United States

CODES AND STANDARDS
- ASHRAE 90.1 compliant
- Intertek/ETL listed: NSF 372 lead free

① See complete warranties and service policies for full details.
PVI reserves the right to change the design and specification without notice.

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FACTORY OPTIONS PACKAGES

ACCESSORIES PACKAGE
- Electronic low-water cutoff with test/reset function
- High temperature limit (manual reset)
- Relay terminals for remote equipment

ALARM and COMMUNICATIONS PACKAGE
- 485 serial cable to connect electronic operator to BAS (Modbus RTU)
- Alarm with switched contacts for remote notification
- 95dB local audible alarm with silencing switch

BOILER WATER VALVE PACKAGE (200 psig, 220°F maximum)
- 2-way on-off boiler water control valve with y-strainer

FACTORY INSTALLED INDIVIDUAL OPTIONS

- CSA-rated temperature and pressure relief valve(s)
- Water pressure gauge on drain piping
- Celsius functionality for operating control

FIELD INSTALLED OPTIONS
- Boiler water temperature and pressure gauge on inlet and outlet (PN 128517)
- Y-strainer with blow down valve on boiler water inlet

<table>
<thead>
<tr>
<th>Input</th>
<th>BW Flow Rate</th>
<th>PN</th>
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<tbody>
<tr>
<td>600</td>
<td>&lt; 15 gpm</td>
<td>128452</td>
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<tr>
<td>900, 1200</td>
<td>15-30 gpm</td>
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<tr>
<td>1800</td>
<td>30-40 gpm</td>
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<tr>
<td>2400, 3000, 3600</td>
<td>40-60 gpm</td>
<td>128455</td>
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<tr>
<td>4500, 5400, 7200</td>
<td>60-120 gpm</td>
<td>128456</td>
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- Protocol gateways (consult factory)
- Bacnet IP  □  Bacnet MSTP

OPTIONAL SERVICE POLICY
- Long-life service policy (PV559) ①
- Conditions exist outside of the continental United States

CUSTOM CONFIGURATION
Consult representative for all additional custom options

PART NUMBER ORDERING SEQUENCE
BASE MODEL# + “PACKAGES” + “OPTIONS”
Example: 5400 L 300 ATRBPDW-13AE