

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

- 1** ACCESSORIES PACKAGE
- Electronic low-water cutoff with test/reset function
 - High temperature limit (manual reset)
 - Relay terminals for remote equipment
- 3** 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
- 5** BOILER WATER VALVE PACKAGE (200 psig, 220°F maximum)
- 2-way on-off boiler water control valve with y-strainer

FACTORY INSTALLED INDIVIDUAL OPTIONS

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

FIELD INSTALLED OPTIONS (Ordered as a line item)

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

Input	BW Flow Rate	PN
600	< 15 gpm	128452
900, 1200	15-30 gpm	128453
1800	30-40 gpm	128454
2400, 3000, 3600	40-60 gpm	128455
4500, 5400, 7200	60-120 gpm	128456

- 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**



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