

EZ Plate® Storage

AquaPLEX® Duplex Stainless Steel Storage Tank



Standard Features and Equipment

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

Heat Exchanger

- 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

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

- 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 (PV 551)¹
- Conditions exist outside of the continental United States

Codes and Standards

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

¹See complete warranty and service policy for full details

PVI reserves the right to change the design and specification without notice.

Viega and ProPress are registered trademarks of Viega GmbH & Co.

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 Options Packages

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 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

Model Number Sequence

Base Model # + "Packages" + "Options"

Example: 5400 L 300 ATRBPDW-13AE



Hot Water Solutions

PVI Industries • Fort Worth, TX 76111

USA: T: (817) 335-9531 • Toll Free: (800) 784-8326 • PVI.com