

# QuickDraw® Boiler Water Packaged Water Heater

Hot Water Generator with AquaPLEX® Duplex Stainless Steel Storage Tank

## Standard Features and Equipment

### Pressure Vessel

- AquaPLEX tank (unlined duplex stainless steel)
- ASME stamped and National Board Registered for 150 psi maximum allowable working pressure
- ASME-rated temperature and pressure relief valve
- 23" diameter tank access
- Non-ferrous, removable tank fittings (low lead)
- Fiberglass insulation and coated steel jacket panels
- Bottom drain valve
- Tie down anchor points on tank
- Lifting lugs
- Water pressure gauge on drain piping

### Heat Exchanger

- ASME Stamped single-wall or double-wall copper u-tube heat exchanger with nonferrous tube supports and waterside tube sheet
- Tank side pressure rating: 150psi
- Tube side ratings: Double-wall 150 psi @ 375°F < prefix 3300  
Double-wall 125 psi @ 375°F ≥ prefix 3300  
Single-wall 150 psi @ 300°F < prefix 2900  
Single-wall 125 psi @ 300°F ≥ prefix 2900

### Operating Controls and Safeties

- On-off, three way boiler water control valve, 150 psig @ 220°F maximum
- Programmable electronic operating control with digital temperature readouts
- Immersion temperature limiting device (high limit)
- Terminals for remote on-off control

### Warranty

- 25-year tank warranty (PV901)<sup>1</sup>
  - 1-year U-tube heat exchanger warranty (PV 533)<sup>1</sup>
  - 1-year cost-free service policy (PV 551)<sup>1</sup>
- Conditions exist outside of the continental United States

### Codes and Standards

- Intertek/ETL listed: UL 795 / CSA CAN1-3.1  
NSF 372 lead free
- ASHRAE 90.1 compliant

### Miscellaneous

- Factory authorized startup (available on most models check with PVI representative for details)

<sup>1</sup>See 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 and reset
- Manual reset immersion temperature limiting device
- Remote equipment dry contacts

### 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



## Factory Options Packages

**A.** CSA-rated temperature and pressure relief valve(s)

**G.** Double-solenoid safety system

**H.** Intra-tank circulator (includes press-form fittings (Viega® ProPress®))

**N.** Celsius functionality for operating control

## Field Installed Options

(Ordered as a line item)

- Boiler water temperature and pressure gauge for the inlet and outlet (PN 128517)
- Protocol gateways (with option package 3, consult factory)  
- Bacnet MSTP

## Optional Service Policy

Long-life service policy (PV559)<sup>1</sup>

Conditions exist outside of the continental United States

## Custom Configuration

Consult representative for all additional custom options

## Model Number Sequence

Base Model # + "Packages" + "Options" + "BW TEMP"

Example: 900 L 250AQWD-13AG-160



Hot Water Solutions

PVI Industries • Fort Worth, TX 76111

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