

QuickDraw® BOILER WATER PACKAGED WATER HEATER with AquaPLEX® 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

HEATING 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

- 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 and SERVICE POLICY

- 25-year tank warranty (PV901) ①
- 1-year U-tube heat exchanger warranty (PV 533) ①
- 1-year cost-free service policy (PV551) ①
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

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
- Manual reset temperature limiting device
- Remote equipment dry contacts

3 ALARM and COMMUNICATIONS PACKAGE

- 485 serial cable to connect electronic operator to BAS (Modbus RTU)
- Alarm on any failure functionality with remote contacts
- 95dB audible alarm including silencing switch

FACTORY INSTALLED INDIVIDUAL OPTIONS

- 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 IP Bacnet MSTP

OPTIONAL SERVICE POLICY

Long-life service policy (PV559) ①
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CUSTOM CONFIGURATION

Consult representative for additional custom options

PART NUMBER ORDERING SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS" + "BW TEMP"

Example: 900L250AQWD-13AG-160



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