

QuickDraw® Steam Storage Hot Water Generator 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
- 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 2650
 - Double-wall 125 psi @ 375°F ≥ prefix 2650
 - Single-wall 150 psi @ 300°F < prefix 3790
 - Single-wall 125 psi @ 300°F ≥ prefix 3790

OPERATING CONTROLS

- Pilot-operated, solenoid inlet steam valve(s) with built-in single solenoid safety system
- Programmable electronic operating control with digital temperature readouts
- Float and thermostatic steam trap (shipped loose)
- Auxiliary steam trap for inlet steam (shipped loose)
- Immersion temperature limiting device (high limit)
- Terminals for remote on-off control

WARRANTY and SERVICE POLICY

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

CODES AND STANDARDS

- Intertek/ETL listed to US and Canadian standards
- ASHRAE 90.1 compliant
- Compliant with EPA lead free requirements

MISCELLANEOUS

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

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 and reset
- Manual reset immersion temperature limiting device
- Remote equipment dry contacts

3 ALARM AND COMMUNICATION PACKAGE

- 485 serial cable to connect electronic operator to BAS (Modbus RTU)
- Alarm with switched contacts for remote notification
- 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)

- Y-strainer for inlet steam (consult factory)
- Steam pressure gauge
 - < 30 psig (PN 128502)
 - ≥ 30 psig (PN 128503)
- Protocol gateways (with option package 3, consult factory)
 - Bacnet IP Bacnet MSTP Lonworks

OPTIONAL SERVICE POLICY

Long-life service policy (PV559) ①

CUSTOM CONFIGURATION

Consult representative for additional custom options

PART NUMBER ORDERING SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS" + "STEAM PSI"

Example: 600 L 250AQSD-13AG-15



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