

QuickDraw® STEAM SEMI-INSTANTANEOUS AquaPLEX® Storage Tank (Unlined Duplex Alloy)



STANDARD FEATURES and EQUIPMENT

PRESSURE VESSEL

- AquaPLEX® tank (unlined duplex alloy)
- Vessel ASME stamped and National Board Registered for 150psi maximum allowable working pressure
- ASME-rated temperature and pressure relief valve(s)
- Nonferrous, removable fittings at all tank connections
- Fiberglass insulation
- Coated steel jacket panels
- Drain valve
- Tie down anchor points on tank
- Lifting lugs

HEAT EXCHANGER

- ASME Stamped single-wall or double-wall, copper u-tube heat exchanger with nonferrous tube supports and waterside tubesheet
- Tank side pressure rating: 150 psi
- Tube side ratings:
 - Double-wall 150psi @ 375°F
 - Single-wall 150psi @ 300°F

OPERATING CONTROLS AND SAFETIES

- Pilot operated, solenoid inlet steam valve(s) with built-in single-solenoid safety system
- Intra-tank circulator, 1/25hp, 120V, 3/4 amp (includes press-form fittings (Viega® ProPress®))
- Electronic temperature control with LED readout, adjustable 85° to 180°F
- Immersion temperature limiting device (high limit control)
- Terminals for remote on-off control
- Float and thermostatic steam trap (shipped loose)
- Additional thermostatic trap for high air purging capacity (shipped loose)
- Water pressure gauge

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

MISCELLANEOUS

- Factory authorized startup

CODES AND STANDARDS

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

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

FACTORY INSTALLED INDIVIDUAL OPTIONS

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

G Double-solenoid safety system

FIELD INSTALLED OPTIONS (Ordered as a line item)

- Y-strainer for inlet steam (consult factory)
- Steam trap, float and thermostatic type upstream of steam valve (consult factory)
- Steam pressure gauge
 - < 30 psig (PN 128502)
 - ≥ 30 psig (PN 128503)
- 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

MODEL NUMBER SEQUENCE

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

Example: 40 L 5A1SD-3G-15



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