

Turbopower® Low NOx Packaged Water Heater

AquaPLEX® Duplex Stainless Steel

Standard Features and Equipment

Performance

- 82% thermal efficiency
- < 20 ppm NOx, SCAQMD listed

Pressure Vessel

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

Heat Exchanger

- Submerged, removable, two-pass heat exchanger with AquaPLEX combustion chamber and solid-copper fire tubes. ASME stamped for 150 psi

Burner, Operating and Safety Controls

- Pre-mix, surface burner
- Electronic flame safeguard with pre-purge and post-purge
- Programmable electronic operating control with digital temperature readouts
- High temperature limit
- Terminals for remote on-off

Warranty and Service Policy

- 25-year tank warranty (PV901)¹
- 10-year heat exchanger warranty (PV584)¹
- 1-year burner and parts warranty (PV536)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

- Barometric damper
- Factory-authorized startup

¹See complete warranty and service policy for full details

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

Factory Options Packages

1 Accessories Package

- Electronic low-water cutoff (auto reset)
- High temperature limit (manual reset)
- Relay and proving terminal for remote equipment

3 Alarm and Communications Package

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

4 CSD-1 Compliant Controls Package

(Includes the "Accessories" Package)

- Test and manual-reset function for low-water cutoff
- Non-recycle, single-try ignition
- High and low gas pressure switches

Factory Installed Individual Options

- A** CSA-rated temperature and pressure relief valve(s)
- N** Celsius functionality for operating control

Field Installed Options

- 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 additional custom options

Part Number Sequence

Base Model# + "Packages" + "Options"

Example: 1000 L 400 ATPL-13A



A WATTS Brand

Hot Water Solutions

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