

Low NOx TURBOPOWER® GAS - PACKAGED WATER HEATER with AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)



800,000 to 1,200,000 BTU Models

STANDARD FEATURES and EQUIPMENT

PERFORMANCE

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

PRESSURE VESSEL

- AquaPLEX® tank (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
- 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 CONTROLS AND SAFETIES

- Pre-mix, surface burner
- Electronic flame safeguard with pre-purge and post-purge
- Programmable electronic operating control with digital temperature readouts
- High temperature limit (auto reset)
- 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

CODES AND STANDARDS

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

MISCELLANEOUS

- Barometric damper
- 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.

FACTORY OPTIONS PACKAGES

1

ACCESSORIES PACKAGE

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

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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)

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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 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"

Example: 1000 L 400ATPL-13A