

TURBOPOWER® GAS/OIL - PACKAGED WATER HEATER

with AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)



STANDARD FEATURES and EQUIPMENT

PERFORMANCE

- 83% thermal efficiency

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
- 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 CONTROLS AND SAFETIES

- Combination gas/oil burner
- Spark ignition
- 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 732
 - UL 795
 - CSA B140.12
 - 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

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

FACTORY INSTALLED INDIVIDUAL OPTIONS

A

CSA-rated temperature and pressure relief valve(s)

C

MASS code compliance

N

Celsius functionality for operating control

FIELD INSTALLED OPTIONS

Protocol gateways (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

MODEL NUMBER SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS"

Example: 1000 L 400ATPGO-13A