TURBOPOWER® OIL - PACKAGED WATER HEATER
with AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)

AquaPLEX®
ENGINEERED DUPLEX ALLOY

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
- Power combustion burner
- Spark ignition
- Electronic flame safeguard with pre-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
  - 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
- Oil safety valve

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
Direct combustion air intake adapter for burner *(PN 76185)*

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

MODEL NUMBER SEQUENCE
BASE MODEL# + "PACKAGES" + "OPTIONS"
Example: **1000 L 400ATPO-13A**

PVi ®
A WATTS Brand

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