

# TURBOPOWER® 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
- 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 (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 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

#### 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

**J** Direct combustion air intake adapter for burner

**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

### MODEL NUMBER SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS"

Example: 1000 L 400ATPO-13A