Maxim® Low NOx Packaged Water Heater
AquaPLEX® Duplex Stainless Steel

Standard Features and Equipment

Performance
- 80.5% to 81.9% thermal efficiency
- NOx emissions < 55 ppm (199 to 399 MBH)

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
- Inspection opening/cleanout
- Fiberglass insulation
- Coated steel jacket panels
- Drain valve
- Tie down anchor points on tank

Heat Exchanger
- AquaPLEX fire tubes with baffles
- SCALEGUARD® tube sheet protection

Burner, Operating and Safety Controls
- Power combustion burner
- Spark ignition
- Electronic flame safeguard with pre-purge
- Dual operating thermostats (adjustable 75° to 180°F)
- High-temperature limit
- Terminals for remote on-off

Warranty and Service Policy
- 15-year tank warranty (PV902)[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
  - NSF 372 lead free
- ASHRAE 90.1 compliant

Miscellaneous
- Barometric damper
- Factory-authorized startup

[1]See 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 (test and manual reset)
- High temperature limit (manual reset)
- Relay and proving terminal for remote equipment

2 Digital Temperature Control Package
- Electronic operating control with digital readouts
- ank pressure gauge at drain valve connection

3 Alarm and Communications Package
(Includes "Digital Temperature Control 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)

Factory Installed Individual Options
- **A** CSA-rated temperature and pressure relief valve(s)
- **C** MASS code compliance

Field Installed Options
(Ordered as a line item)
- Protocol gateways (consult factory)
  - Bacnet MSTP
- Direct combustion air intake adapter for burner

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: 40 L 250 AMXS-13A

Hot Water Solutions

A WATTS Brand