

Maxim® Gas Packaged Water Heater

AquaPLEX® Duplex Stainless Steel

Standard Features and Equipment

Performance

- 80.5% to 81.9% thermal efficiency

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
- Water pressure gauge on drain piping

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
- Programmable electronic operating control with digital temperature readouts
- High-temperature limit
- Terminals for remote on-off

Warranty and Service Policy

- 1-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
 - NSF 372 lead free
 - UL 795 / CSA CAN 1-3.1
- ASHRAE 90.1 compliant

Miscellaneous

- Barometric damper
- Factory-authorized startup

¹See 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

(Satisfies CSD-1 requirements for Maxim heaters ≥ 540,000 BTU)

- Electronic low-water cutoff (test and manual 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)

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

(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: 54 L 250 AMXG-13A



Hot Water Solutions



PVI Industries • Fort Worth, TX

USA: T: (817) 335-9531 • Toll Free: (800) 784-8326 • PVI.com

Technical Support • (800) 433-5654 • Mon-Fri, 8 am - 5 pm CST/CDT