

MAXIM LOW NO_x GAS - PACKAGED WATER HEATER

with AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)



STANDARD FEATURES and EQUIPMENT

PERFORMANCE

- 81% thermal efficiency
- NO_x emissions < 55 ppm (199 to 399 MBH)

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
- Inspection opening/cleanout
- Fiberglass insulation
- Coated steel jacket panels
- Drain valve

HEAT EXCHANGER

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

BURNER, OPERATING CONTROLS AND SAFETIES

- Power combustion burner
- Spark ignition
- Electronic flame safeguard with pre-purge
- Dual operating thermostats (adjustable 75° to 180°F)
- High-temperature limit (auto reset)
- 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 795 / CSA CAN1-3.1
 - 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 (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
- Tank 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

J Direct combustion air intake adapter for burner

FIELD INSTALLED OPTIONS

Protocol gateways (consult factory)

Bacnet IP Bacnet MSTP Lonworks

OPTIONAL SERVICE POLICY

Long-life service policy (PV559) ①

Conditions exist outside of the continental United States

CUSTOM CONFIGURATION

Consult representative for all additional custom options

PART NUMBER ORDERING SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS"

Example: 40 L 250AMXS-13A