

# MAXIM LOW NO<sub>x</sub> GAS - PACKAGED WATER HEATER with AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)



## STANDARD FEATURES and EQUIPMENT

### PERFORMANCE

- 80.5% to 81.9% thermal efficiency
- NO<sub>x</sub> 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
- Tie down anchor points on tank

### 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
- 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

## FIELD INSTALLED OPTIONS

Protocol gateways (consult factory)  
\_\_ BACnet IP \_\_ BACnet MSTP

Direct combustion air intake adapter for burner

## OPTIONAL SERVICE POLICY

Long-life service policy (PV559) ①  
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## CUSTOM CONFIGURATION

Consult representative for all additional custom options

**PART NUMBER ORDERING SEQUENCE**  
**BASE MODEL# + "PACKAGES" + "OPTIONS"**  
Example: **40 L 250AMXS-13A**