

MAXIM 3 - GAS WATER HEATER

AquaPLEX® STORAGE TANK (DUPLEX STAINLESS STEEL)

500 to 900 MBH • 300 Gallons Storage



STANDARD FEATURES AND EQUIPMENT

PERFORMANCE

- 84% thermal efficiency
- < 20 ppm NOx SCAQMD listed

PRESSURE VESSEL

- AquaPLEX® tank (duplex stainless steel)
- Storage tank ASME stamped and National Board Registered for 150 psi MAWP
- Nonferrous, removable fittings at all tank connections
- ASME-rated temperature and pressure relief valve
- Inspection opening /cleanout
- Fiberglass insulation
- Coated steel jacket panels
- Drain valve
- Tank pressure gauge

HEAT EXCHANGER

- Three-pass, fire tube design
- AquaPLEX® fire tubes

BURNER, OPERATING CONTROLS AND SAFETIES

- Pre-mix surface burner with proportionate gas/air
- Electronic flame safeguard with pre- and post-purge
- Combustion sequence panel lights including lockout
- Programmable electronic operating control with digital temperature readouts, adjustable from 75°F to 180°F
- Immersion temperature limiting device (high limit control)
- Terminals for remote on-off
- Flame failure audible alarm and indicating light with remote contacts

WARRANTY AND SERVICE POLICY

- 15-year tank warranty (PV903A) ①
- 1-year burner and parts warranty (PV536) ①
- First-year cost-free service policy (PV551) ①

CODES AND STANDARDS

- Intertek / ETL listed:
 - UL 795 / CSA CAN1-3.1
 - Category I, B-vent material or Category III or IV stainless steel vent material when sidewall vented
 - NSF 372 lead-free
- ASHRAE 90.1 compliant

MISCELLANEOUS

- Factory authorized startup
- Draft regulator (use for Category I vent applications only)

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
- High and low gas pressure switches

FACTORY INSTALLED INDIVIDUAL OPTIONS

- A** CSA-rated temperature and pressure relief valve(s)
- D** Direct combustion air filter
- 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

PART NUMBER ORDERING SEQUENCE

BASE MODEL# + "PACKAGES" + "OPTIONS"

Example: 75 L 300AMXIF-13A



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