



LOW NO_x MAXIM - PACKAGED GAS WATER HEATER POLYSHIELD® POLYMER-LINED STORAGE TANK

STANDARD FEATURES AND EQUIPMENT

- 82% thermal efficiency
- SCAQMD compliant
- NO_x emissions certified at <55 ppm at 3% O₂ and/or less than 40 nanograms per joule (199 to 399 MBtu/h)
- NO_x emissions certified at <30 ppm at 3% O₂ (above 399 MBtu/h)
- POLYSHIELD® polymer-lined tank with 5-year warranty, three-year scale failure warranty and one-year cost-free service policy ①
- Nonferrous, removable fittings at all tank connections
- Copper-clad steel firetubes
- SCALEGUARD® tubesheet protection
- Upper and lower immersion operating thermostats
- Immersion temperature limiting device (high limit control)
- ASME-rated temperature and pressure relief valve
- Drain valve
- Handhole tank cleanout
- Power combustion burner
- Spark ignition
- Electronic combustion sequencer and flame safeguard with pre-purge
- Combustion sequence indicating lights (> 399,000 Btu/h)
- Differential pressure air flow switch
- Second main gas valve (> 399,000 Btu/h)
- Compliant with ASHRAE 90.1 for thermal efficiency and standby loss
- Fiberglass insulated tank
- Draft regulator (barometric damper)
- Steel jacket panels with industrial-grade finish
- Factory-authorized start up
- ASME stamped—150 psi MAWP
- National Board Registered for 150 psi working pressure
- UL listed to safety standard UL 795 “Commercial-Industrial Gas Heating Equipment”
- FM compliant

OPTIONAL FEATURES AND EQUIPMENT

- Long-life service policy ①
- AGA-rated temperature and pressure relief valve(s)
- 2,500,000 Btu/h FM controls package. Adds electronic low-water cutoff, manual-reset high limit, single-try firing control and high-low gas pressure switch. (not required for FM compliance below 2,500,000 Btu/h) (available only on 540,000 and 650,000 Btu/h)
- CSD-1 / IRI compliant components include manual reset electronic low water cut off, manual reset temperature limiting device and Hi-Lo gas pressure switch (as required)
- Electronic combustion sequencer and flame safeguard with pre- and post-purge
- Electronic low-water cutoff
- Manual-reset, temperature limiting device
- DUO-SET™ controls for dual-temperature applications
- Dial temperature and pressure gauges
- Tridicator
- Alarm bell with silencing switch
- Seven-day time clock
- Digital seven-day time clock with battery backup
- Air intake assembly for remote combustion air (requires field connection to ductwork supplied by others)

Consult factory for other codes

① See complete warranty and/or service policy for details

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