Heavy-Duty Commercial Gas Tankless Water Heaters

5-Year Limited Warranty on Heat Exchanger/5-Year Parts Warranty*

Designed specifically for heavy-duty commercial applications. Fully modulating, gas-fired, tankless, water heaters with sealed combustion (optional) and power vented flue. Can be installed either indoors or outdoors. Capable of supplying hot water for domestic hot water systems (directly or indirectly) using water storage tanks, recirculations systems, hydronic heating systems, radiant floor heating systems, and/or combined domestic & heating applications (local codes dictate proper compliance).

FEATURES

- **Primary Heat Exchanger is Constructed of HRS35 Commercial-Grade Copper** - Stronger than standard copper and more resilient against erosion
- **Continuous Maximum Flow Rates up to 14.5 GPM**
- **Easy-Link Up to 4 Units**
  - No additional parts or accessories needed
- **Combined Indoor/Outdoor Models**
- **Available in Natural Gas or Propane (LP)**
- **ASME Models Available**
- **Low NOx Emissions**
- **Complies with Lead Plumbing Law**
- **Safety Features:**
  - Built in Freeze Protection
  - Manual Reset Hi Limit (Set at 194°F)
  - Overheat Cutoff Fuse
  - Inlet, Outlet & Mixing Thermistors for Constant Temperature Monitoring
  - Air Fuel Ratio Rod
  - GFI, Fuse & Surge Absorber
  - Flame Sensor
- **Venting and Combustion**
  - 5” Category III Stainless Steel
  - Vertical or Horizontal Installation
  - 50’ Max Length, 5 elbows max (90° elbows = 5’ equivalent length)
  - Power Vent
  - Electronic Ignition - No Pilot Light
  - 5” Combustion Air Intake (with optional kit)
- **Optional Accessories**
  - Multi-Unit Controller
  - Remote Temperature Controller
  - Direct Vent Conversion Kit
  - Pipe Cover
  - Vent Cap
  - Backflow Preventor

*For complete warranty information consult the written warranty of American Water Heaters found at [www.americanwaterheater.com](http://www.americanwaterheater.com), or call (877) 737-2840.
## Heavy-Duty Commercial Gas Tankless Water Heaters

### Specification

Water heater(s) shall be Model_________________ as manufactured by American Water Heaters. The water heater(s) shall be a copper coil integral fin and tube construction with quick release brass or bronze waterways. Heater(s) will be factory assembled and tested. The heater shall be cased with 4" Stainless steel Category III vent pipe a distance not to exceed 50’ (equivalent) feet terminating vertically or horizontally as prescribed. Intake air with optional direct vent kit may be of such material as PVC not to exceed a total of 50’ (equivalent). The heater(s) shall be controlled by on board solid state printed circuit board monitoring incoming and outgoing temperatures with factory-installed thermistors, sensing and controlling flow rate to set point temperature with control both air and gas mixture inputs to maintain thermal combustion efficiency. Unit also consists of ground fault interrupter, inline fusing, spark ignition and sensor system, aluminized stainless steel burners, air-fuel ratio rod, Hi limit switch, modulating and proportional gas valves, freeze protection sensor and heating block and overhead cutoff fuses. The water heater(s) shall be CSA listed, exceeds the energy efficiency requirements of ASHRAE 90.1b-1992 and complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements for low NOx emissions.

### Flow Rate Vs. Temperature Rise

![Graph of Flow Rate Vs. Temperature Rise](image)

**Set temperature of 145°F or lower**  **Set temperature of 150°F or higher**

Above shown rate is based on single unit only.

### Pressure Loss

![Graph of Pressure Loss](image)

**Set temperature of 145°F or lower**  **Set temperature of 150°F or higher**

### Order Entry and Sales

500 Princeton Road (FEDEX, UPS)  
Johnson City, TN 37601-2030  
P.O. Box 4808 (Mailing)  
Johnson City, TN 37602-4808  
(800) 937-1037  
FAX (800) 581-7224

### Warranty and Service

500 Princeton Road (FEDEX, UPS)  
Johnson City, TN 37601-2030  
P.O. Box 1597 (Mailing)  
Johnson City, TN 37605-1597  
(877) 737-2840

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