



## Universal™ low NOx is a family of commercial gas water heaters that are designed to fit into tight retrofit applications

### Features & Benefits

The tighter the commercial retrofit, the more you will appreciate how the Universal's compact size and multiple water connections simplify low NOx installations. Choose from 80% thermal efficiency models that range from 125,000-399,900 BTU/h and have maximum temperature setting of 180 degrees Fahrenheit.

### Space Saver Design

The short heights and narrow jacket diameters, plus the top, front and rear water inlets/outlets offer the ultimate in installation flexibility.

### System Sentinel™ LED Diagnostic System

Our exclusive diagnostic system, with glowing LED lights, verifies system operation sequence by sequence.



### Patented Technology

Universal's proprietary steel formulation, patented multi-flue design, combined with two coats of porcelain enamel, results in a superior heat exchanger design.

### Low NOx Burner

The power assist burner design incorporates stainless steel multi-port burner tubes for long term low NOx performance, less than 40 ng/J. A sight glass allows for burner observation. A blower guard provides protection against potential post-installation damage. The entire design is removable and it is highly resistant to the effects of negative air pressure common in modern commercial buildings.

### Low Profile Automatic Flue Damper

Low profile damper minimizes overall product height. Heavy duty vent hood supports are designed to withstand the rigors of installation.

### Full-port, Full-flow Drain Valve

Factory installed brass drain valve allows for faster draining and servicing.

### Direct Spark-to-Pilot Ignition System

Energy saving ignition that ignites pilot only when there is a call for heat.

### Altitude Certifications

Universal low NOx is certified up to 2,000 feet. High altitude certification for models GN76-200 and GN91-200 is 5,000 feet; and model GN100-200(A) is 8,000 feet.

### Patented Anode Rods

Anode design utilizes multiple magnesium rods to ensure corrosion resistance for a long tank life.

### Warranty

3-Year limited tank warranty

See Commercial Warranty Certificate for complete information.

**Efficiency** | All models tested according to ANSI test procedures, and meet or exceed the thermal efficiency and standby loss requirements of ASHRAE standard (EPact). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

**Safety and Construction** | Design certified by CSA: For operation at 180 degrees; meets all safety and construction requirement of ANSI Z21.10.3; as an automatic storage or instantaneous water heater; as an automatic circulating tank water heater; and for operation on combustible floors and in alcove installations. **Certified for 150 PSI maximum working pressure (160 PSI for ASME models).**

**Optional Construction** | ASME construction is available on designated models.



**Ruud  
Universal Low NOx**  
35 to 100-Gallon Capacities  
125,000-399,900 BTU/h  
Natural Gas  
Top-Front-Rear Inlet/Outlet  
Water Connections



(On Selected Models)

