



The new degree of comfort.™



Commercial Gas
Induced Draft Water Heaters

Universal™ Induced Draft commercial gas water heaters are designed for easy installation in applications requiring large quantities of hot water

Features & Benefits

The tighter the commercial retrofit, the more you will appreciate how the Universal's compact size and multiple water connections simplify installations. Choose from 80% thermal efficiency models that range from 250,000-360,000 Btu/h and have maximum temperature setting of 180 degrees Fahrenheit.

Space Saver Design

The short height and narrow jacket diameter, 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.

Stainless Steel Burners

Precision burners, raised port design, are formed from high chromium stainless steel. Each burner assembly slides out like a drawer for quick inspection and maintenance.

Factory Installed Draft Inducer

Provides an induced draft allowing higher Btu's to be vented through a 6" vent.

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

Up to 5,200 feet for natural gas and 2,000 feet for LP.

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. UL Sanitation (NSF5) compliant models are available when equipped with optional seal kit (Part No. AM35450).



Rheem Induced Draft

100-Gallon Capacity
250,000-360,000 Btu/h
Natural and LP Gas



(On Selected Models)



(With Optional Leg Kit)



INTEGRATED AIR & WATER



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Commercial Gas Induced Draft Water Heaters

RECOVERY CAPACITIES Recovery in U.S. Gallons/Hr. (GPH) and Liters/Hr. (LPH) at Various Temperature Rises.

Table with 16 columns: MODEL NUMBER, INPUT BTU/H NATURAL & L.P., THERMAL EFFICIENCY, UNITS, and temperature rises from 40°F to 140°F. Rows include models GD100-250(A) through GD100-360(A).

Recovery ratings are based on thermal efficiencies obtained in a CSA certified laboratory. Recovery rate shown on the rating plate (75%) thermal efficiency in accordance with ANSI Z21.10.3 labeling requirements. (A) indicates available ASME model.

MAXIMUM DELIVERY In U.S. Gallons and Liters. (Includes useable storage and recovery for indicated times.)

Table with 15 columns: MODEL NUMBER, TANK CAPACITY (GALS., LITERS), INPUT BTU/H NAT. & L.P., TEMP. RISE, UNITS, and delivery times from 5 to 180 minutes. Rows include models GD100-250(A) through GD100-360(A).

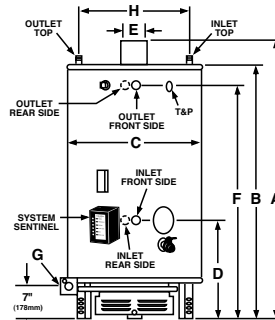
DIMENSIONAL INFORMATION All Dimensions Shown in English and Metric.

Table with 16 columns: MODEL NUMBER, UNITS, dimensions A-H, WATER CONNECTIONS (TOP IN/OUT, FRONT SIDE, REAR SIDE), and APPROXIMATE SHIPPING WEIGHT (STD., ASME). Rows include models GD100-250(A) through GD100-360(A).

All models require a 120V /3 amp power source. (A) suffix indicates ASME tank construction available.

Recommended Specifications (for trade reference only)

Water heater(s) shall be Induced Draft model _____, manufactured by Rheem, having gas input of _____ Btu/h and a recovery rate of _____ GPH at a 100°F temperature rise when tested and certified at _____ thermal efficiency. Water heater(s) shall have a storage capacity of _____ gallons. Water heater(s) shall have the CSA seal of certification and supplied with a factory installed CSA/ASME rated temperature and pressure relief valve. Tank(s) shall be furnished with a tube bundle having a double coating of high temperature porcelain enamel and furnished with magnesium anode rods rigidly supported. Water heater(s) shall meet or exceed the thermal efficiency and standby loss requirements of ASHRAE. Tanks shall have a working pressure rating of 150 psi, and shall be completely factory assembled, including a pressure regulator properly adjusted for operation on _____ gas with stainless steel burners. Controls will be arranged for safety shutoff in event of pilot failure. Water heater(s) with inputs less than 360,000 Btu/h shall have top, front and rear side inlet/outlet water connections. Water heater(s) shall be covered by a three year limited warranty against tank leaks.



CLEARANCES TO COMBUSTIBLES

Table with 5 columns: MODEL NUMBER, UNITS, SIDE, REAR, TOP. Rows include models GD100-250(A) through GD100-360(A).

Allow a minimum of 18" (457mm) front clearance for servicing.

When ordering ASME construction, place (A) after the model number (for trade reference only)

Water heater(s) shall be constructed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, Section IV Part HLW.

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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