BRADFORD WHITE
WATER HEATERS

Induced Draft (D-Series)
Commercial Gas Water Heater



Photo is of D-65T-625-3NA

Features

- **Bradford White ICON HD®**—Intelligent proven design combines temperature control, diagnostic codes, and system ignition functions with a digital LCD display.
- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that minimizes temperature build-up in tank.

Additional Details

- **Electronic Ignition**—High voltage, low current electricity is sent to the pilot electrode initiating a spark to ignite the pilot gas. Saves pilot gas during standby periods; the pilot flame only operates when there's a call for heat.
- **Insulation System**—Non-CFC foam covers the sides of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
- **Water Connections**—1½" (38mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Hand Hole Cleanout**—Allows inspection of tank interior and facilitates the removal of sediment deposits.
- **E.C.O.**—An automatic reset Energy Cut Out (E.C.O.) shuts off all gas in event of an overheat condition. This automatically resets when operation conditions are back to normal.
- **Protective Anode Rods**—Provide added protection against corrosion for long-term, trouble-free service.
- **Sanitizing Capability**—Temperature setting up to 180°F (82°C).
- **T&P Relief Valve**—Installed.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **ASME Construction Available on All Models.**
- **NSF 5 Kits Available.**
- **Low NOx Natural Gas Construction Available.**
- **Design certified by CSA International.**

ICON HD COMMERCIAL CONTROL SYSTEM
VITRAGLAS + MICROBAN
Hydrojet

AHRI CERTIFIED
NSF
ASME HLW
CSA LLC - Low Lead Content

3 or 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada, and Puerto Rico. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

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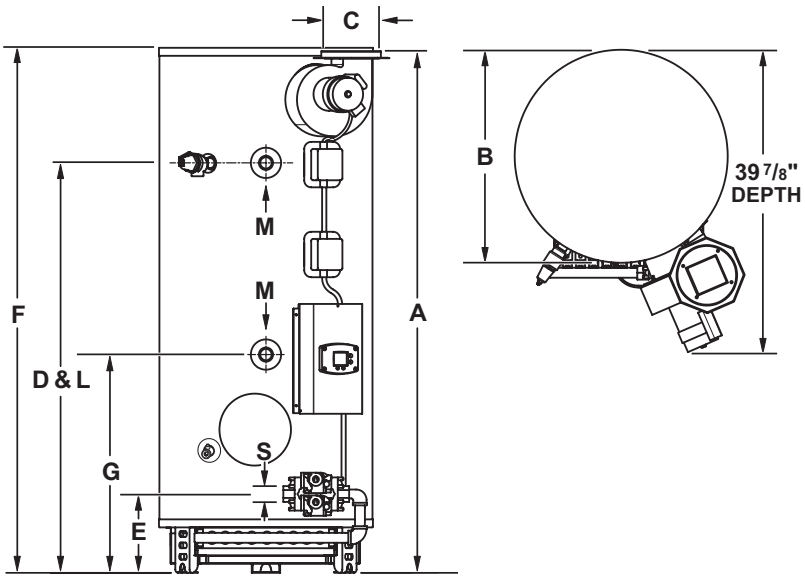
SPECIFICATIONS
NATURAL AND LIQUID PROPANE GAS

These water heaters meet or exceed all or portions of (where applicable) the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition). C.E.C. Listed. Recovery efficiency ranging up to 80%.

Model Number	Rated Nominal Volume U.S. Gal.	Rated Nominal Volume Imp. Gal.	BTU/Hr. Input	LP BTU/Hr. Input	GPH Recovery* at Degree Rise 40°F	100°F	140°F	A Floor to Vent Conn. in.	B Jacket Dia. in.	C Vent Size in.	D Floor to T&P Conn. in.	E Floor to Gas Conn. in.	F Floor to Top of Heater in.	G Floor to Cold Water Conn. in.	L Floor to Hot Water Conn. in.	M Water Conn. NPT in.	S Gas Conn. Size in.	Approx. Shipping Weight lbs. Std.	ASME
D-65T-625-3N(A)	65	54	625,000	625,000	1515	606	433	68 15/16	28 1/4	8	54 3/16	10 1/16	69 7/16	28 15/16	56 3/16	1 1/2	1†	720	775
D-80T-725-3N(A)	80	66	725,000	725,000	1757	703	502	79 15/16	28 1/4	8	64 5/16	10 1/16	79 15/16	28 15/16	64 5/16	1 1/2	1†	800	880

Model Number	Rated Nominal Volume Liters	kW Input	LP kW Input	LPH Recovery* at Degree Rise 22°C	56°C	78°C	A Floor to Vent Conn. mm.	B Jacket Dia. mm.	C Vent Size mm.	D Floor to T&P Conn. mm.	E Floor to Gas Conn. mm.	F Floor to Top of Heater mm.	G Floor to Cold Water Conn. mm.	L Floor to Hot Water Conn. mm.	M Water Conn. NPT mm.	S Gas Conn. Size mm.	Approx. Shipping Weight kg. Std.	ASME
D-65T-625-3N(A)	246	183	183	5734	2294	1638	1751	718	203	1376	256	1764	735	1427	38	25†	326	352
D-80T-725-3N(A)	303	212.3	212.3	6652	2661	1901	2030	718	203	1634	256	2030	735	1634	38	25†	363	399

* Recoveries are based on Natural Gas input and 80% Thermal Efficiency.
For Propane (LP) Gas Models change suffix "N" to "X".
† LP Gas Connection 3/4" (76 mm).
(A)=ASME Construction Available.
For 5 year models, change suffix "3" to "5".



Sample Specification

The water heater shall be a Bradford White model with a rated storage capacity of not less than_____gallons (_____liters), a minimum gas input of _____BTU/Hr. (_____ kW), a minimum recovery of _____GPH (_____ LPH). The tank shall be Vitraglas® lined with Microban® and have a bolted hand hole cleanout. A digital LCD display shall be integrated into the front control box, and the control shall be an adjustable electronic thermostat to any temperature up to 180°F (85°C) must have an automatic re-set Energy Cut-off (E.C.O), which shuts off all gas in an event of a overheat condition. The tank shall have _____anode rods installed in separate tank head couplings. The heater shall have Non-CFC foam insulation, electronic ignition, and come equipped with an ASME rated T&P relief valve, a cold water inlet Hydrojet® Sediment Reduction System, and a automatic flue damper (115V AC required). It shall be design certified by CSA International for 180°F (82°C) application, either with or without a separate storage tank, and comply with state and local codes and ordinances.

GENERAL:

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All models are design certified by CSA International, ANSI standard Z-21.10.3, for up to 180° (82°C) application as an Automatic Storage Heater, and an Automatic Circulating Tank Heater. As an Automatic Storage Heater, all models are complete, self-contained water heating systems. It needs no separate storage tank, pump, wiring or elaborate piping network. When equipped with a mixing valve, all models can be stored at a sanitizing temperature of 180°F (82°C) and supply lower temperature general purpose hot water simultaneously.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

BRADFORD WHITE® WATER HEATERS
Built to be the Best®

Sales: 800-523-2931
24/7 Technical Support: 800-334-3393 • Email: TechServ@bradfordwhite.com

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— BRADFORD WHITE IS —
AMERICAN STRONG