

B R A D F O R D W H I T E

Commercial Product Selection Guide



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COMMERCIAL GAS WATER HEATERS



Light Duty Atmospheric Vent High Input

These models are atmospherically vented and offer larger gallon capacities and higher recovery rates. They offer an increased amount of hot water available at a usable temperature in less time than normal input models. Perfect for applications that demand larger volumes of water, such as small apartment buildings or small motels.

- Up to 0.60 Energy Factor
- Natural Gas or Propane
- 48, 55, 75, & 100 gallon capacities
- Up to 85,000 BTU/Hr.
- Also available in Ultra Low NOx



eF Series® Light Duty High Efficiency Power Vent Model

This high efficiency, power vent water heater has a thermal efficiency of over 90% and a high recovery to deliver an impressive amount of usable hot water. It also features a dual-pass heat exchanger.

- Over 90% Thermal Efficiency
- Vertical, dual-pass heat exchanger system
- Natural Gas or Propane
- 50 gallon capacity
- 76,000 BTU/Hr.



Light Duty Power Vent

The Power Vent units are perfect for applications where installation flexibility is as important as meeting hot water demands. Power vented for positive exhaust, these units can be vented horizontally and vertically up to 180 feet. These extremely long vent lengths solve difficult ventilation challenges.

- Up to 0.70 Energy Factor
- Natural Gas or Propane
- 48, 55, & 75 gallon capacities
- Up to 78,000 BTU/Hr.
- Also available in Ultra Low NOx versions



Light Duty Direct Vent

These models utilize a closed combustion and co-axial concentric direct venting system, making them perfect for installations that lack sufficient air for combustion. They require no electrical power yet still offer sidewall venting. Venting options include a solid telescoping extension that can accommodate up to eight feet vertically and eight feet horizontally.

- Up to 0.60 Energy Factor
- Natural Gas or Propane
- 48 gallon capacity
- 50,000 BTU/Hr.
- Also available in Ultra Low NOx versions



Light Duty Power Direct Vent

Power Vent units are perfect for applications where installation flexibility is as important as meeting hot water demands. Power vented for positive exhaust, these units can be vented horizontally and vertically up to 180 feet. These extremely long vent lengths solve difficult ventilation challenges.

- Up to 0.70 Energy Factor
- Natural Gas or Propane
- 48, 55, & 75 gallon capacities
- Up to 78,000 BTU/Hr.
- Also available in Ultra Low NOx versions

COMMERCIAL ELECTRIC WATER HEATERS



ElectriFLEX™ LD Series

Our space-saving ElectriFLEX™ LD (Light Duty) Commercial Electric Water Heaters offer superior flexibility with multiple conversion options. With Upright, Utility, Lowboy, and Wall Hung models, you'll find a configuration to fit just about anywhere.

- Convertible from Three Phase to Single Phase – No Kit Required
- Convertible from Non-Simultaneous to Simultaneous Operation – No Kit Required
- 6 to 119 gallon capacities
- All factory set voltages are convertible to or from 120V, 208V, 240V, 277V, & 480V
- 16 Different Wattages Available (1.5-12kW)
- Direct Heat Transfer with Immersed Elements



ElectriFLEX™ MD Series

The ElectriFLEX™ MD (Medium Duty) Commercial Electric Water Heaters provide maximum application flexibility with easy conversions of voltage, phase, and kW input. The models are a great choice for beauty salons, small restaurants, office buildings, and other mid-range applications.

- On-site convertibility
- 18 Conversion Kits, Three Tank Sizes, and Two Phases generate 108 Model Configurations
- 50, 80, & 119 gallon capacities
- 6-18kW Inputs
- Incoloy Elements Standard
- Direct Heat Transfer with Immersed Elements

(Formerly known as Triflex™)



ElectriFLEX™ HD Series

The ElectriFLEX™ HD (Heavy Duty) Commercial Electric Water Heaters are available in an assortment of capacities and inputs so professionals have the solutions to any challenge. Available as Immersion Thermostat models, they offer unprecedented standard features to ensure long-lasting, top performance.

- Fully Automatic Controls
- Single or Three Phase
- 208V, 240V, 277V, 380V, 480V, and 600V
- Hydrojet® Sediment Reduction System
- Vitraglas® Lining
- ASME or Non-ASME with Immersion Thermostats
- 6-54kW Inputs
- 50, 80, & 119 gallon capacities



ASME Immersion Thermostats with Contactors

These commercial electric ASME models are constructed to the ASME Code Section IV. They are intended for supplying potable hot water to commercial and industrial type applications such as schools or government installations.

- Specifically constructed to the ASME standard and offers inputs of up to 81kW
- 6, 12, 20 30, 40, 50, 80, & 119 gallon capacities
- 3-81kW Inputs
- Many optional features such as Lower Water Cut-off, Safety Door Interlock, High and Low Pressure Limit Switches, Alarm Horn, Temperature and Pressure Gauge, and Time Delay Set-up Sequences



KwickShot® Tankless

KwickShot® Instantaneous models are compact enough to be located at the point-of-use in office buildings, shops, garages, and strip malls. These tankless water heaters are available in a variety of configurations and output levels. They supply continuous hot water wherever and whenever you need it.

- Continuous hot water supply
- Flow switch activates heater only on demand (no standby heat loss)
- Easy installation – mounts on wall – no sweat connections
- From 3-38kW inputs available



ASME & Non-ASME Electronic Ignition

ASME and Non-ASME Electronic Ignition models, featuring the ICON HD™ Commercial Control System, provide solutions to various applications. With capacities ranging from 38 - 100 gallons and with inputs from 125,000 - 505,000 BTU/Hr., there's a model that will meet various requirements. Power Vent kits are available for all models.

- Automatic Flue Damper
- Natural Gas or Propane
- 38, 65, 75, 80, 98, & 100 gallon capacities
- Up to 505,000 BTU/Hr.
- Low NOx models are available



ASME & Non-ASME Millivolt Commercial Water Heaters

ASME & Non-ASME models with Millivolt technology provide high-powered performance while making installations easier and less complicated. Using self-generated power from the pilot and thermopile assembly to operate the flue damper, there's no need to hardwire one for electricity or to locate it near an outlet. The continuous pilot ignition system eliminates "lockout" situations and utilizes a simplified control system for easier operation.

- Automatic Flue Damper
- Natural Gas or Propane
- 38, 65, 75, 80, 98, & 100 gallon capacities
- Up to 270,000 BTU/Hr.



Commander Series™ Ultra Low NOx Atmospheric Vent

The Commander Series™ is a line of high efficiency, Ultra Low NOx, commercial gas water heaters featuring a unique down-fired pre-mix power burner that automatically regulates for optimum combustion and efficiency. Together with a two pass, multiple tube system, the Commander Series achieves excellent thermal efficiencies and meets the most stringent air quality standards for allowable NOx emissions.

- Features ICON HD™ Commercial Control System
- Non-condensing 82% Thermal Efficiency
- Natural Gas or Propane
- 80, 98, & 100 gallon capacities
- Up to 399,999 BTU/Hr.



eF Series® ASME & Non-ASME Ultra High Efficiency

The eF Series® utilizes exclusive designs and technologies for unsurpassed efficiency, installation flexibility, and quiet operation. With ultra high thermal efficiencies, these units are the most efficient of their kind in the industry and now with several models qualifying for ENERGY STAR®. It is extremely quiet, a feature building owners, managers, and occupants will appreciate.

- Features ICON HD™ Commercial Control System
- Ultra high Thermal Efficiency
- Natural Gas or Propane
- 60 & 100 gallon capacities
- Up to 399,999 BTU/Hr.



ASME & Non-ASME Electronic Ignition Induced Draft

The Electronic Ignition Induced Draft models were developed in order to provide incredible output and a great volume of hot water from a relatively small commercial water heater. They feature a smaller vent diameter for ease of installation and an automatic flue damper to reduce standby loss and improve overall efficiency.

- Features ICON HD™ Commercial Control System
- Natural Gas or Propane
- 65 & 80 gallon capacities
- Up to 725,000 BTU/Hr.

INDIRECTS AND COMMERCIAL STORAGE TANKS



PowerStor Series® Indirect

These models provide class leading performance and large amounts of hot water. They incorporate a super-efficient heat exchanger coil. Made of 1 1/2" O.D. diameter carbon steel tubing and coated with Vitraglas®, they have a total heat surface area of 27.2 feet resulting in exceptional first hour delivery and vast hot water reserves. These models are the perfect addition to a boiler system.

- Low Restriction Heat Exchanger minimizes pressure drop
- Incredible First Hour Deliveries
- Front Boiler Connections for ease of installation
- Immersed Aquastat for automatic temperature control
- 58, 73, & 114 gallon capacities
- All Certified by AHRI
- Three Protective Aluminum Anode Rods



M-3 Jacketed Storage Tanks

Designed for moderate, commercial peak demands, jacketed storage tanks are available in 80, 120, and 200 gallon capacities. They meet a variety of hot water requirements in smaller commercial applications where a large dump volume is required in a short period of time.

- Designed for use with boilers, hot water circulation systems, and large dump volume applications
- 80, 120, & 200 gallon capacities
- Optional ASME construction available (M-3-ST200R5A comes standard with ASME construction)



Large Volume Top Coat Tanks

Available in both horizontal and vertical configurations, these storage tanks feature a sprayed-on rigid acrylic topcoat of high density polyurethane foam. Formulated to withstand extreme conditions.

- Sprayed-on rigid insulation topcoat that is formulated to withstand extreme weather and a full range of conditions
- 175 to 5695 gallon capacities
- Vertical or horizontal construction
- Glass-lined, double-glass, epoxy-lined, and stainless steel tank options available
- All tanks are ASME constructed and certified
- Tank options available – hand hole, manway, extra tappings, flanged connections, 150 psi working pressure, and Hydrojet HC®



Large Volume Jacketed and Insulated Tanks

Available in 34", 40", 46", 52", and 64" standard diameters, these large volume, insulated and jacketed tanks offer capacities ranging from 175 to 1530 gallons.

- Sturdy heavy gauge steel jacket
- 175 to 1530 gallon capacities
- 2" high density foam insulation reduces heat loss
- Vertical or horizontal construction
- Glass-lined, double-glass, epoxy-lined, and stainless steel tank options available
- All tanks are ASME constructed and certified
- Tank options available – hand hole, manway, extra tappings, flanged connections, 150 psi working pressure, and Hydrojet HC®



Large Volume Unjacketed and Uninsulated Storage Tanks

Available in diameters ranging from 30" to 84", these large volume, bare tanks offer capacities ranging from 175 to 5695 gallons. Horizontal and vertical configurations as well as custom sizes are available.

- Heavy gauge steel primed with a red oxide color
- 175 to 5695 gallon capacities
- Vertical or horizontal construction
- Glass-lined, double-glass, epoxy-lined, and stainless steel tank options available
- All tanks are ASME constructed and certified
- Tank options available – hand hole, manway, extra tappings, flanged connections, 150 psi working pressure, and Hydrojet HC®

A Complete Commercial Line Up That Offers Solutions To All Product Installation Needs.

Bradford White's MAGNUM Series® is an extensive line of commercial water heaters that are used by specifiers, architects, engineers, mechanical contractors, and building owners for practically every type of commercial installation.

This all-inclusive line provides solutions to the multitude of challenges faced when specifying, buying, and installing commercial water heating products.

Most importantly, these water heaters incorporate features and design characteristics that result in greater durability, more reliable and energy efficient performance, exceptional installation flexibility, and cost savings.

Hotels, motels, restaurants, medical centers, schools, universities, public buildings, apartments, health clubs, stadiums, prisons, office buildings, shopping centers, laundromats, and more - no matter what the call for hot water, there's a MAGNUM Series® solution.

For more information about our commercial water heating products, please visit www.bradfordwhite.com

MORE FROM BRADFORD WHITE

**Commercial
Hydrojet® Sediment
Reduction System**



**ICON HD™
Commercial
Control System**



**RightSpec® Sizing
Program – It's Easy To
Find The Right Water
Heater For The Job**



**24/7 Technical Support
Center – You're Never
On Your Own With
Bradford White**



Bradford White MAGNUM Series® commercial water heaters stand ready for your toughest, most challenging applications. From light-duty models to heavy-duty giants, this extensive line-up will help you meet the demand of any commercial job. Our ruggedly built, durable water heaters have you covered with high output, high efficiency, and proven technology. The Bradford White MAGNUM Series® - Built to satisfy your toughest hot water requirements.



**Bradford White is the
official water heater of
the PHCC.**



*Scan here for full details on
our commercial water heaters.*

Committed to American Manufacturing, Wholesale Distribution, and Professional Installation.

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