

BRADFORD WHITE

# COMBI™ SERIES WATER HEATERS FOR SPACE HEATING AND DOMESTIC HOT WATER

The Combi™ Series models are specifically designed to provide both potable hot water and space heating from a single appliance. Building on the success of the Combi2™ Double Wall heat exchanger models, the addition of our new Combi™ models provides the option of a single wall heat exchanger in situations where double wall protection is not required.



#### QUICK SPECS

- 2 Atmospheric Vent Capacities (50 & 75 gallons)
- 2 Power Vent Capacities (50 & 75 gallons)
- Input Ranges: 60,000 - 76,000 BTU/hr
- Heating Output up to 55,000 BTU/hr\*

#### INTEGRATED HEAT EXCHANGER

The secret of the dual performance capabilities of the Combi™ lies in the large diameter, glass (Vitrilas®) coated carbon steel heat exchanger positioned in the tank for maximum heat transfer performance.



#### ENHANCED HEATING CAPABILITIES

Because of its single wall heat exchanger design, the Combi™ provides improved heat transfer and additional heating capability.

#### LOW HEAD LOSS

Because of the large diameter, smooth surface heat exchanger design, the Combi™ operates with a low pressure drop across the coil (less than 2.3 ft. of head loss at 8 gpm). This minimal head loss allows for a less costly circulator pump to be installed resulting in decreased operation costs.



#### INTEGRATED MIXING DEVICE

- Allows water in the tank to be stored at higher temperatures (up to 180°F) while controlling the hot water outlet temperature to a safe and comfortable level.
- Stainless steel flexible connector for quick and easy installation.
- Integrated connections for optional recirculation system return, high temperature hot water outlet (for dishwasher connection, laundry, etc) and cold water outlet (ice maker hookup).
- Supplied adhesive Thermo-Strip provides approximate mixed hot water outlet temperature.

#### EASE OF INSTALLATION

Available in atmospheric vent or power vent for increased installation flexibility. Because of its unique design, the Combi™ does not require sophisticated control systems on either the potable or space heating side of the system.

#### APPLICATIONS

These models are perfect in applications that require supplemental heating for basements, kitchens and bathrooms, as well as installations that utilize fan coils, space heaters and radiant panels.

#### ACCESSORY PACKAGES COMPATIBLE

Works with Performance, Protection, and Inlet Shut-off Valve packages.

  
**BRADFORD WHITE**  
WATER HEATERS

Built to be the Best™

[www.bradfordwhite.com](http://www.bradfordwhite.com) | Ambler, PA | 800 523 2931

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\* Thermostat set at 180°F, 120°F supply temperature, 100°F return temperature and a flow rate through the heat exchanger of 5.6 GPM.