



Brigade®

Gas Condensing Dynamic Water Heater

A breakthrough in smart design, PVI's Brigade commercial water heater delivers reliable hot water for demanding commercial applications. Brigade's high efficiency, durability and compact footprint will help facility managers ensure their buildings have a long-lasting domestic water heater that saves on space and operating costs.

Longer Service Life

Brigade is constructed from PVI's AquaPLEX® duplex stainless steel alloy, which is inherently resistant to corrosion and requires no tank lining or anodes. While glass-lined tanks are prone to erosion and pre-mature failure, Brigade's AquaPLEX construction eliminates the typical three to four-year replacement cycle common for water heaters in demanding commercial applications.

Ultra-Compact Footprint

Brigade easily fits through a standard doorway and takes up only three square feet, making it ideal for both retrofit and new construction projects. A 25-gallon buffer help absorb demand spikes while maintaining outlet temperatures, and 7:1 burner turndown precisely matches BTU input to flow rates. Installation of the Brigade is simple with all connections conveniently located at the top of the unit.



Lower Operational Costs

Brigade's burner modulation and condensing design allow a thermal efficiency range of 95% to 99% with low standby losses. Touch screen electronic control with user friendly status and diagnostics help to ensure smooth operation.

Key Features and Specs

- 199 MBH
- Up to 99% thermal efficiency
- 7:1 Turn Down Ratio with spark ignition
- 15" wide x 26" deep x 76" tall
- 25 gallons buffer
- 233 gallons per hour from 40°F to 140°F
- 185°F maximum water temperature setpoint
- Constructed of AquaPLEX duplex stainless steel
- 6-year full vessel warranty

Contact your PVI sales representative to discuss how Brigade could fit into your next project.



WATERHEATING
DIRECT