

AUTOBOOSTER™ DELIVERS HOT WATER SOLUTION FOR RESORT COMMUNITY HOMES

Eemax® provided a solution with AutoBooster that increased deliverable hot water with more cost-efficient, space-saving equipment.

REGION:
Branson, MO.

MARKET:
Resort Community

COMPANY:
Wyndham Branson at the Meadows



It is my responsibility to ensure our guests and owners experience exceptional service and comfort during their stay. Eemax has definitely made meeting this objective possible. My experience with AutoBooster has been very gratifying. Our guest satisfaction and comfort ratings continue to excel.

John Willis
Project Coordinator &
Assistant Engineering Manager

THE CHALLENGE

Wyndham Branson at the Meadows Resort needed to replace outdated water heating equipment with a solution that ensured guest satisfaction, as excellence in customer service is a cornerstone of the resort's operations.

Limitations in available space, varied layouts, and narrow closet doors presented the greatest challenge as new, 80-gallon tank-type units would no longer be an option. The resort needed to find a way to produce the same amount of hot water with a different technology.

The resort tested a heat pump water heater; but high cost, size, and installing louvers to closet doors were unreasonable. A mixing valve type booster was tested; but limited hot water output and shorter tank lifespan due to higher set point (140°F) was not acceptable.

Overall, cost effectiveness and scalability became the key factors influencing decision making when selecting a product that could be paired with both new, and existing, electric or gas, water heating tank-type systems.

THE SOLUTION

Eemax was able to offer a solution with AutoBooster. When paired with a 50-gallon electric tank, the system now delivers hot water equivalent to an 80-gallon capacity output. Cost fit within expectations and installation was easily handled by one team.

105 AutoBoosters have been in operation for over a year—with zero callbacks. Outcomes from the first phase of this project being so favorable, plans were initiated to further expand the installation of AutoBoosters. In addition, Wyndham Branson established a long term goal for the next 3 to 5 years to supplement any unit repair or maintenance with AutoBooster.

Eemax is committed to providing innovative water heating solutions and was able to collaborate on-site with principle stake holders, and to help facilitate product education and installation training.

AUTOBOOSTER: LOADED WITH ADVANTAGES

Eemax AutoBooster helps your customers save money, space, and energy on water heating—all leading to the ultimate reward—more hot water. Low cost and one-trade installation make this product a perfect solution to boost hot water delivery.

KEY FEATURES

- Increase deliverable hot water up to 45%.
- Compact design.
- Set temperature in increments of 1°F.
- External controls for adjustable settings.
- Digital user interface.
- Easy installation on new or existing gas and electric tanks.
- No need for additional electrical infrastructure when used with an existing electric water heater.
- Field replaceable element.
- ETL certified for USA and Canada.
- Freeze Protect, Vacation, and Eco modes for versatile use.
- 3/4" FNPT swivel fitting for direct mounting to tank outlet fitting.
- 36" wire included for connecting to electric tank water heater.

SPECS

GPM Turn On	0.3 GPM
Optimum Flow Rate*	0.3 - 2.5 GPM
Max Outlet Temp	140°F
Max Operating Pressure	150 psi
Power	7.2kW
Volts	240 VAC
Phase	Single
Amperage	30
Required Wire	10 Gauge Copper Wire
Required Breaker	1 x 30 Double Pole
Height	8 inches
Width	11.5 inches
Length	3.75 inches
Weight	5.8 lbs

*when tank is depleted



BENEFIT TO

Installer | A clean and practical design allows for straightforward installations on new or existing tank water heaters.

User | External controls make it easier for users to adjust temperature settings and increase the deliverable hot water needed. AutoBooster extends the output capacity of a tank.

Owner | Loaded with features that improve efficiencies, AutoBooster owners benefit from reduced downtime and fewer wasted resources with Freeze Protect, Vacation, and Eco modes.