

# AutoBooster™

- Increase capacity of a tank water heater
- 30 minute, single trade installation
- No new wiring required when installed on electric tank heater
- Vacation mode and Eco Mode
- Conserves energy and extends tank life by allowing tank setpoint to remain at 120° F vs. 140° F as with other mixing valve type tank booster products

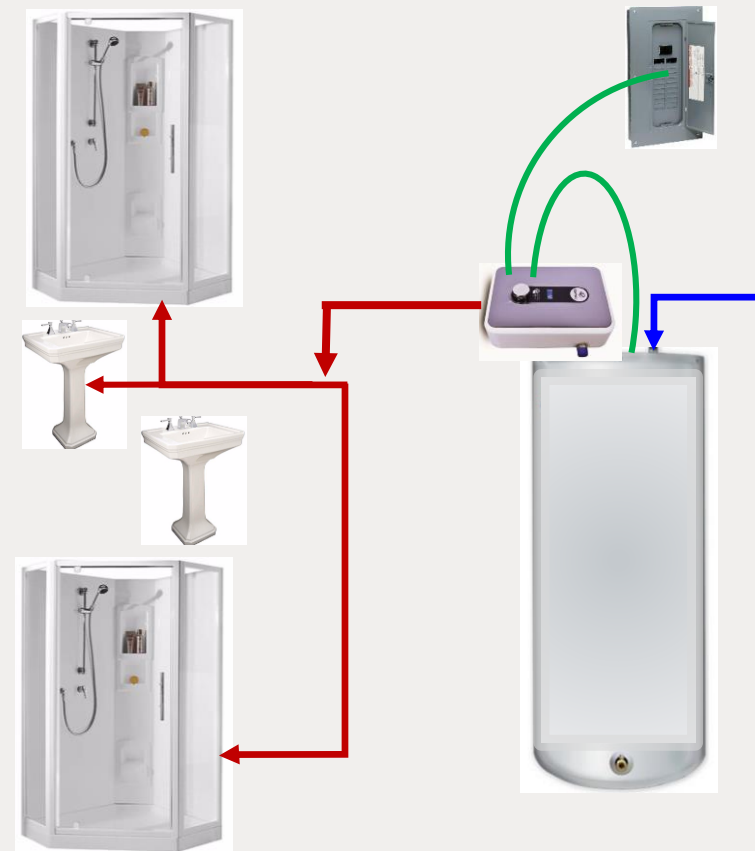


# AutoBooster™

## Electric Tank Water Heater + 7.2 kW Tankless

- Utilize **existing** 30 Amp electric feed
- Extends the output of any size tank  
*ex: a 40 Gal can be extended 40-70% depending on incoming temp*
- Allows smaller tank to be installed  
*ex: replace 80 Gal with 50 Gal hybrid*
- Booster has 7200 watt concentrated output vs 4500 watt element in tank
- Suitable for new or retrofit applications
- Conserves energy w/ smaller tank
- Conserves energy and extends tank life by allowing tank setpoint to remain at 120° F vs. 140° F as with other mixing valve type tank booster products
- 30 Minute installation directly on tank outlet

Tankless heater acts as the brain for the hot water system, engaging only when the tank outlet temperature drops below setpoint

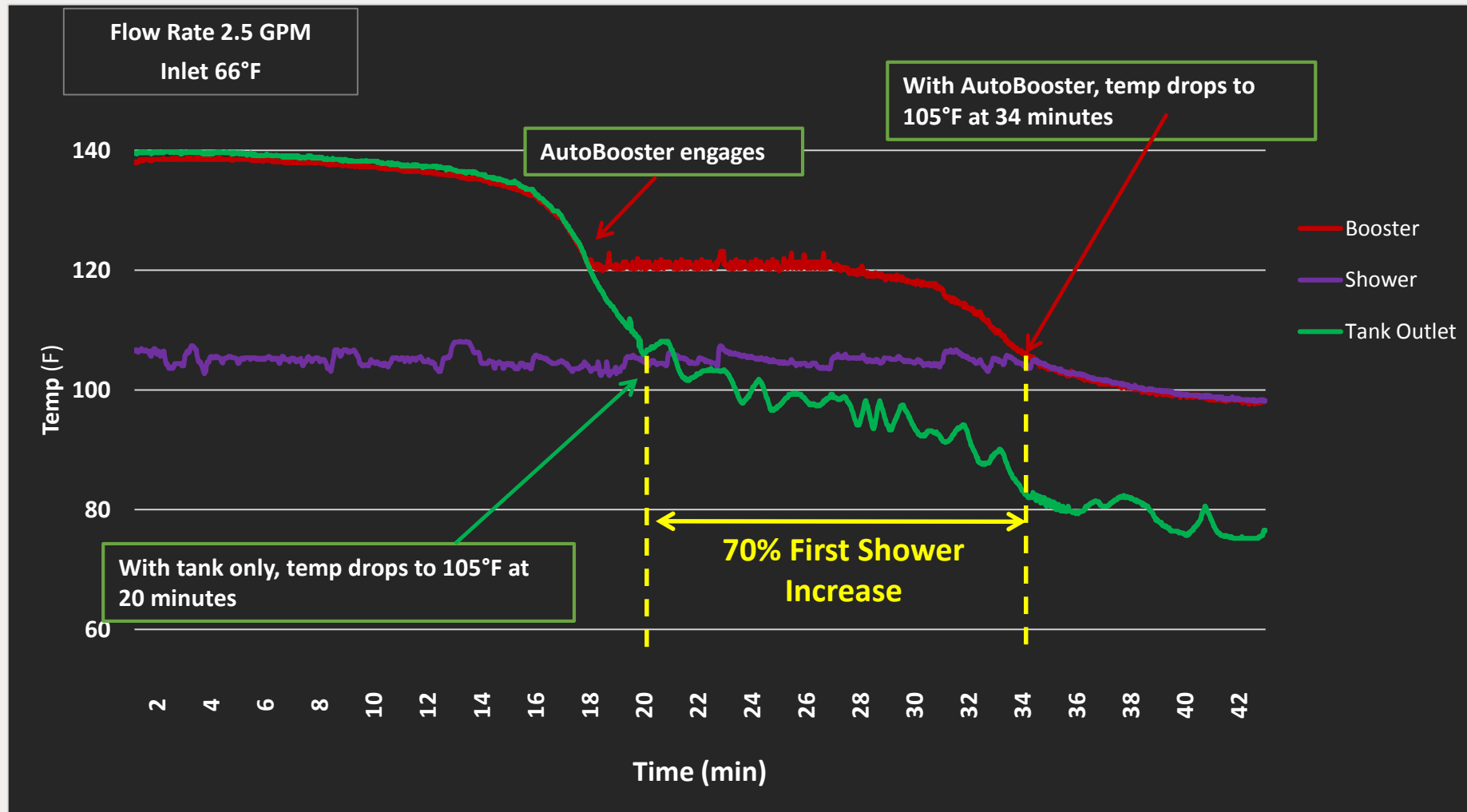


# AutoBooster

Shower Example

40 Gallon Elec Tank Water Heater

+  
7.2 kW AutoBooster



# SAFE ADVANTAGE +Phd

**90°F Max Output**



# SPEC ADVANTAGE +Phd

**180°F Max Output**



Built for  
continuous duty  
industrial  
applications

144 kW (491,000 BTU<sub>h</sub>)



**SAFE**  
ADVANTAGE  
**+ Phd**

&

**SPEC**  
ADVANTAGE  
**+ Phd**

**Eye/Face Wash & Emergency Drench Showers**

**High Volume Potable Water**

**Process Water**

**Batch Heating**

**In-line Boosting for Precise Temperature Control**

**Hydronic (Glycol) Heating**

**Commercial Kitchen**

**Backup for Gas Fired Boilers or Steam Systems**

**180°F Sanitizing Washdown**



# 170° Hospital Laundry



(2) 72 kW Electric Tankless

+

(2) 80 Gal Storage Tanks

Hybrid system to utilize  
available power

- Tank = High dump capacity
- Tankless = Fast refill rate
- Small Footprint
- Backup redundancy
- High temp output
- Precise temp output



# Parts Washer in Manufacturing Facility



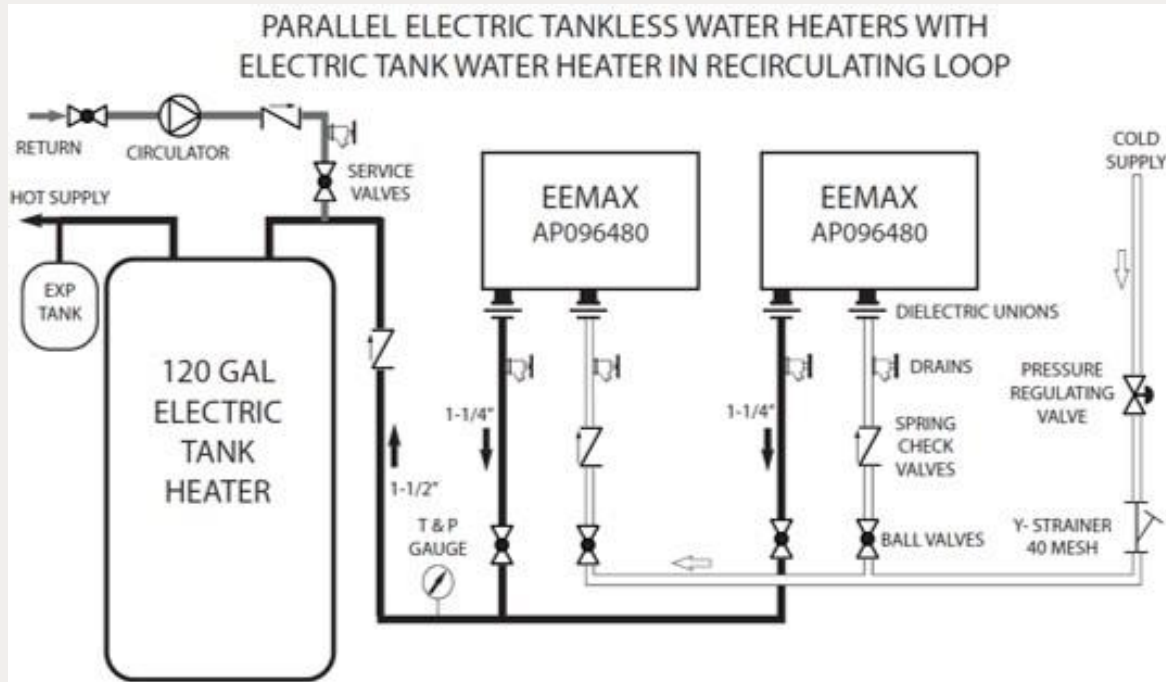
## **(2) 144 kW Elec Tankless Heaters in Series**

- Preheat water entering mixing tank
- *Tank uses immersion elements to maintain temp*
- Reduces tank size from 500 Gal to 100 Gal
- Reduced fill time from 3 hours to 30 minutes
- Labor Savings = Definitive \$\$ Payback



# 8 Showers, 8 Lavs, Kitchen

Delta Sky Club – Atlanta International Airport



## **(2) 96 kW Tankless Heaters with (1) 120 Gal Tank Heater**

- Tank handles low flow and recirculation, Tankless heaters fulfill high flow heating
- Gain usable floor space vs. tank system
- Saves \$1500 annually in storage losses vs traditional tank system
- Simple piping system – Schematic by Eemax
- Low installation cost vs gas or similar power electric tank heater





# 8 Showers, 8 Lavs, Kitchen

Delta Sky Club – Atlanta International Airport



# Skidded Systems – Tank / Tankless Indirect



**72 kW Electric Tankless  
20 Gal Storage Tank  
circulator, aquastat, valves, etc.**

- Accommodates low flow rates
- Tank adds dump capacity
- Reduces cycling of tankless heater
- Ideal for recirculation
- High power / compact size
- Extremely energy efficient

