

# Lower Operating Costs Up to 20%

## Hydronic Smart Boiler Controls with Wireless Mesh Sensors



### Upgrade with Ease

Integrates seamlessly with any age or brand of hydronic or steam boiler



### Improve Heating Efficiency

Mesh sensors monitor temperature and adjust heating based on real-time need



### Real-Time System Insight

Remote boiler monitoring and control with **FREE** access to Nexa™ — no BMS required



Save Up to 20%  
on Your Energy Bills

**tekmar**®  
A WATTS Brand



## Smart Boiler Control 294

- Operate up to **4 boilers**, expandable to **16**
- Supports **central** and **DHW** heating modes
- Works with **condensing/ non-condensing**, modulating or 1 to 4 stage boilers
- **Hybrid plant** capable
- **Nexa** remote monitoring, adjustments and alerts
- **5" touchscreen** with Setup Wizard



## Smart Boiler Expansion 294EXP

- Expansion for **4** additional boilers, up to **16** on one controller
- Boiler configuration selected by **DIP switches**
- **LED status indicators** for power, communication, boilers and pump/valve
- **3-wire** communication



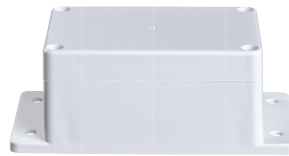
## Smart Steam Control 289

- Operate up to **2 boilers** (one- and two-pipe systems)
- Supports applications with **tankless DHW coils**
- **4-event, 7-day** programmable schedule
- **Nexa** remote monitoring, adjustments, and alerts
- **Hybrid efficiency features:** Outdoor Reset, Indoor Temperature Feedback\*, Warm Weather Shutdown
- **5" touchscreen** with Setup Wizard



## Wireless Mesh Indoor Sensor 042

- Indoor **temperature-humidity** sensor
- **Wireless mesh** compatible with Controls **294** and **289\***
- Powered by **2x AA alkaline batteries**
- **NEMA 1** rated
- Operating range: **32°F to 122°F (0°C to 50°C), ≤90% RH**



## Wireless Mesh Outdoor Sensor 043

- Outdoor **temperature** sensor
- **Wireless mesh** compatible with Controls **294** and **289\***
- Powered by **2x AA lithium batteries**
- **NEMA 4X** rated
- Operating range: **-40°F to 140°F (-40°C to 60°C), ≤90% RH**



## Mesh Network Extender 041

- Extends **tekmar wireless mesh** networks
- Supports Indoor Sensor 042 and Outdoor Sensor 043
- Compatible with Controls **294** and **289\***
- Improves indoor feedback reliability
- **120 VAC, 5 W, NEMA 1**

\*March 2026 and later

**tekmar**<sup>®</sup>

A WATTS Brand

Tel: 1-800-438-3903 • F: (250) 984-0815  
tekmarControls.com