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
- **BACnet** version available



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



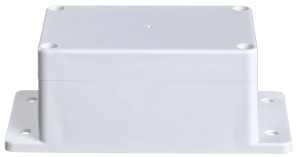
Smart Steam Control 289

- 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 **2× 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 **2× 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*

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