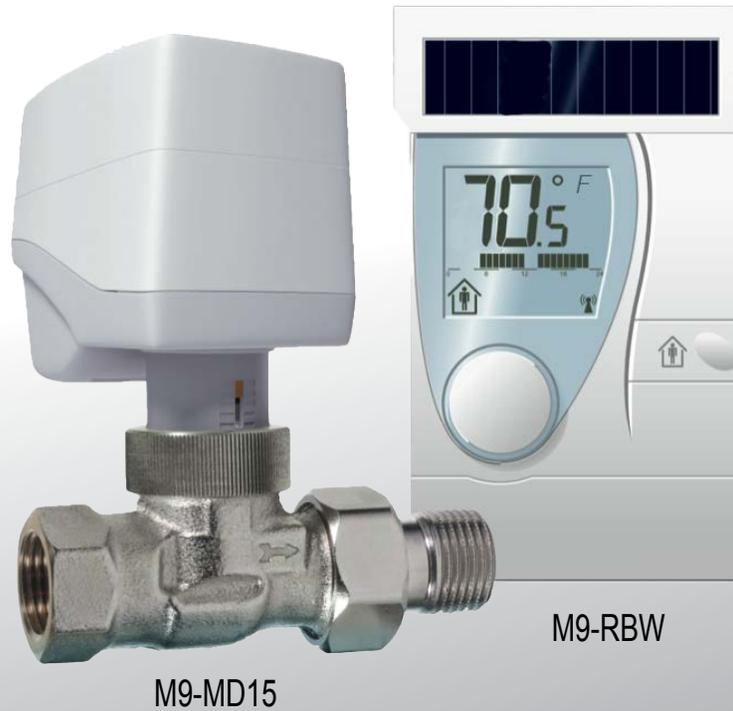


# Wireless Thermostat / Radiator Controller

M9-MD15 / M9-RBW

Self Powered Control Module



## The Perfect Pair

### Retrofitting Radiators for Improved Comfort and Enhanced Energy Efficiency

Magnum First's Perfect Pair technology offers a unique and innovative way to control hot water and steam heating systems in commercial office and residential environments. A wireless valve actuator paired with a wireless thermostat that residents can use to digitally display the temperature in the space and the ability to adjust their comfort set point.

- ☎ Solar Radio device with high usability.
- ☎ Stylish design.
- ☎ Extensive functionality.
- ☎ Multiple Radiators to one Thermostat
- ☎ Integrated weekly time scheduling program.
- ☎ Dual self-sufficient energy supply
- ☎ First wireless EnOcean actuator.
- ☎ Simple, fast installation.
- ☎ Reliable wireless communication.
- ☎ High control accuracy.
- ☎ Effective energy saving functions.

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## M9-MD15 Information

The wireless **M9-MD15** actuator combines a measuring transducer, controller and actuator in one device. It is thus multi-functionally applicable.

Applications range from self-sufficient room temperature controls, in which the M9-MD15 covers the function of the room controller, right up to integration into comprehensive building automation systems. The M9-MD15 works with high control accuracy, an important prerequisite for energy-efficient room temperature control.

## M9-RBW Information

Solar-powered, self-learning **M9-RBW** room sensor with LCD and smart communication management for measuring room temperature, independent generation of utilization time profiles and their continuous dynamic adjustment/ optimization and for wireless transmission of measured values. Occupancy button for manually changing the comfort mode or economy mode status. Temperature range can be preset for energy savings.

The M9-RBW can also be used within additional building automation systems via appropriate gateway - M9-EBox for BACnet IP or our MQTT M-Box.

## Application

Magnum First's wireless valve actuator is designed to provide individual temperature control on steam and hot water heating systems in an entire building or individual rooms. The solar powered control module features intelligent transmission management for measuring room temperature, occupancy, set points and weekly schedules. These paired devices can be integrated into complex automation systems or serve as an autonomous room controller.

The Perfect Pair is ideal for retrofits because they do not require traditional wiring.

## BacNet Compatible

When integrated with Magnum's EBox, the Perfect Pair is BacNet controllable.

## Benefits of Conversion Kits

-  Ability to retrofit older, potentially failing hand valves
-  Provide individual control to each piece of heating equipment
-  Dramatically reduce labor costs (no cutting pipe) and mitigates disruption to occupants
-  Provide enhanced level of comfort by implementing Perfect Pair thermostat solution