

## ENWV / ENTV

*Self Powered Control Module.*



ENWV

ENTV

### The Perfect Pair











The ENWV small actuator is the wireless technology version of the proven and award-winning Entuit ENWV small actuator. The ENWV is the first wireless actuator that supports the open EnOcean standard. The center piece is “Dolphin“, the latest EnOcean processor generation.

Its energy supply is guaranteed by long-life batteries, located in a mechanically secured battery compartment. During normal service they merely have to be replaced every few years, so that its maintenance requirement is low.

### High control accuracy

The wireless ENWV small actuator combines a measuring transducer, controller and actuator in one device. It is thus multifunctionally applicable.

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

-  Solar Radio device with high usability.
-  Stylish design.
-  Extensive functionality.
-  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.

## Communication between the ENWV and ENTW

An innovative process provides for the communication between the wireless partners, the ENWV small actuator and the ENTW module. This ensures the wireless room temperature control within the framework of realizable wireless ranges. The communication system also ensures that after a temporary interruption in the wireless communication it is automatically resumed.

## Application





Entuit'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.

## Retrofitting Radiators for Improved Comfort and Enhanced Energy Efficiency

Entuit'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.

## 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