Zigbee Battery Radiator Actuator
ARV10RFM-3

The SALUS ARV10RFM-3 Zigbee Battery Radiator Actuator allows you to precisely control your radiator room heating to the exact temperature and from anywhere.
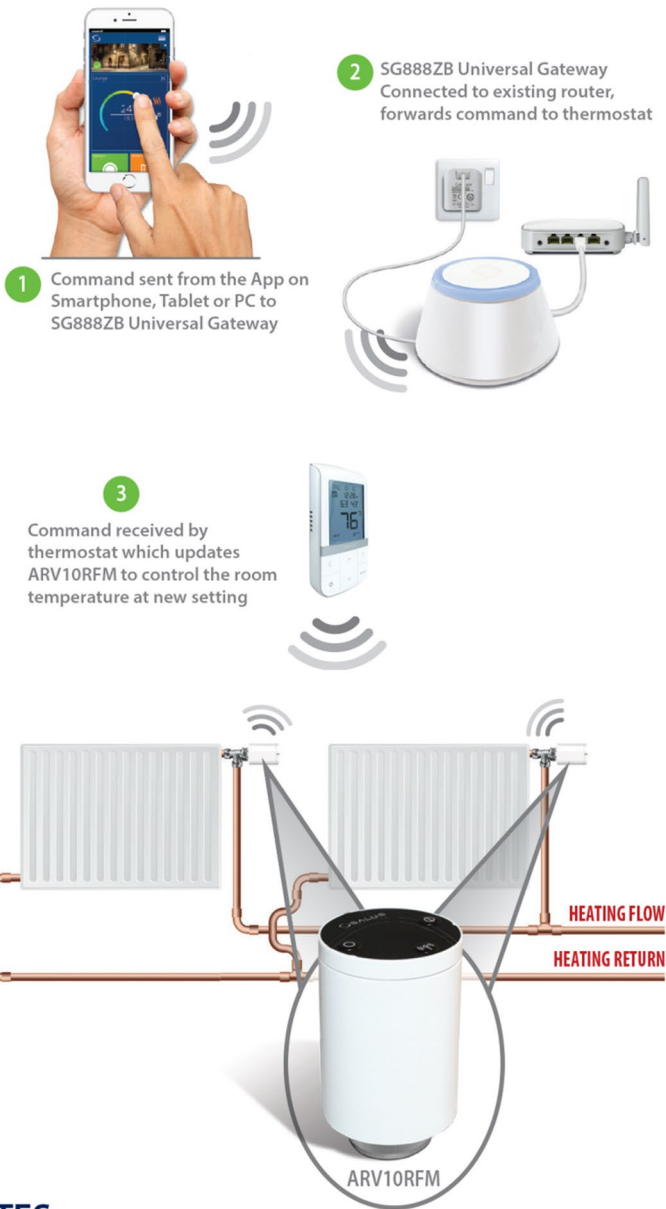
The ARV10RFM-3 Zigbee Battery Radiator Actuator replaces the traditional wax element TRV actuator with a smart electrical device to open and close the radiator valve, and is controlled by an AWRT10RF thermostat. The thermostat wirelessly controls the operation and is remote from the radiator so it monitors the actual ambient room temperature to ensure optimum heating accuracy. A single thermostat can even control several ARV10RFM-3s in the same room or zone to maintain the desired room temperature and increase energy efficiency.

Features & Benefits

- Temperature is monitored by the room thermostat, not the valve, for optimum accuracy, efficiency and comfort
- Control individual radiators or zones from anywhere using a Smartphone, Tablet or PC via the SALUS Smart Home app
- Works with other SALUS Smart Home products including underfloor heating controls for fully integrated heating systems
- Modulates independently to find correct temperature and maintain efficiency using one of three control modes: On/Off, Auto or Learning
- Fits most standard radiator valves with supplied adapter
- Quick and simple to install
- Manual override function

SALUS NORTH AMERICA, INC.
850 Main Street
Redwood City, CA   94063
(888) 387-2587 | sales@salusinc.com | www.salusinc.com

System Overview

1. Command sent from the App on Smartphone, Tablet or PC to SG888ZB Universal Gateway

2. SG888ZB Universal Gateway Connected to existing router, forwards command to thermostat

3. Command received by thermostat which updates ARV10RFM to control the room temperature at new setting

HEATING FLOW
HEATING RETURN

ARV10RFM

NOTES:

For steam applications, please use the Valve Actuator, AVA10M30RF

Specifications

Controls
Open button
Close button
Pairing button

Indicators
Red/Green Status LED

Mechanical
M30 x 1.5 radiator valve thread, RA valve adapter included
Weight without batteries: 4.5 oz., 128 g
Dimensions: 3.5" x Ø2.0", 88.6 x Ø51.0 mm

Power
2x AA alkaline batteries
Battery life: 14 months (low battery indication)

Radio
802.15.4 radio (2.54 GHz), Zigbee HA1.2 based protocol

Environmental
Operating: 32 -122 °F, 0 - 50 °C, 5 - 95% RH, non-condensing
Storage: -4 - 140 °F, -20 - 60 °C, 5 - 95% RH, non-condensing

Agency Compliance
FCC, Industry Canada

Warranty
5 years limited warranty

Compatible Devices
AWRT10RF Wireless Radiant Thermostat
SG888ZB Universal Gateway

Note: Specifications are subject to change without notice

Order Details

Model Name: Zigbee Battery Radiator Actuator		
Model	Single Unit UPC	Carton GTIN
ARV10RFM-3	817852020137	10817852020134 (40 pcs)

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