

Wireless Digital Thermostat

AS20WRF / AS20BRF



The SALUS Wireless Programmable Thermostat delivers an easy to install solution to heating or hot water control when network connected to a valve actuator, relay controller or remote contact

- Place anywhere capability, not just where the wires can reach
- Configure and control either locally through the intuitive touch panel or remotely using a smartphone, tablet or PC
- Multiple modes (standalone thermostat, master or slave thermostat, or timer) allow any situation to be addressed
- Save installation time and wiring costs

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SALUS®

Description and Features

The SALUS Wireless Programmable Thermostat works with a valve actuator, relay control or remote contact to provide smart heating or hot water control from anywhere with the following features:

- Wireless installation using ZigBee protocol
- Clear and intuitive LCD display
- Fully programmable with both temperature and scheduling control
- Pre-programmed pre-set modes including vacation, boost and manual override
- Battery operated for quick and trouble-free wireless installation
- Can be controlled from anywhere using a smartphone, tablet or PC.
- Integrates with other compatible Salus devices to allow full smart home functionality
- Full local control
- Stylish contemporary design

System Overview



Order Details / Contact

Model Name: Wireless Programmable Thermostat

Model	Single Unit UPC	Carton GTIN
AS20WRF	817852020168	10817852020165 (40 pcs)
AS20BRF	817852020144	10817852020141 (40 pcs)

Specifications

Controls

Increase / Decrease touch buttons

Mode Selection touch button

Enter / Settings touch button

Indicators

Thermostat Modes: Sunny, Cloudy, Night, Party, Vacation, Defrost

Day of Week & Time

Heat and Cool Icons

Temperature

Program Icons: Auto, Program Numbers

Connection Icons: Network, Internet

Group Icons: Master 1, Master 2

Hot Water Timer Icons

Manual Override Icon

Low Battery Icon

Floor Sensor Icon

Settings Icon

Key Lock Icon

Terminals

S1: Sense out for 10 kΩ NTC sensor

S2: Sense in for 10 kΩ NTC sensor

Mechanical

Weight: 0.33 lbs, 150 g

Dimensions: 3.4" x 3.4" x 1", 8.6 x 8.6 x 2.6 cm

Power

4 X AAA alkaline batteries

Battery life: 12 months under normal usage

Radio

802.15.4 (2.4 GHz), ZigBee HA1.2 based protocol

Environmental Conditions

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

Compatible Devices

ARV10RFM-3 – ZigBee Battery Radiator Actuator

AVA10M30RF – Wireless Valve Actuator

AKL0-PRF – 1/4/6 Zone Wireless Pump Relay Controller

AKL08RF – 8 Zone Wireless Relay Controller

AX10RF – ZigBee Receiver (remote contact)

AC10RF – ZigBee Coordinator

SG888ZB – Basic Gateway

