SALUS
CONTROLS

4 in 1 Digital Thermostat RF
Models: AS20WRF and AS20BRF

INSTALLER / USER MANUAL

Product Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

⚠ Safety Information
Use in accordance with the regulations. Indoor use only. Keep your device completely dry.
Disconnect your device before cleaning it with a dry cloth.

⚠ **Always isolate the AC Mains supply before installing or working on any components that require 120 VAC 60Hz supply.**

Introduction

Thank you for purchasing the 4 in 1 room thermostat. It must be used with the Universal Gateway SG888ZBWH (purchased separately) when having an Internet connection or with the AKL08RF for the underfloor system without Internet connection. The Universal Gateway allows communication with other devices in the Wyse.ly system range. Other Zigbee devices include wiring centre, system receiver & ARV. You can download your SALUS Wyse.ly system App from the Google Play and App Store.

Installation – AS20

Mount the back case of the thermostat on the wall. After that please insert the batteries and add the front case. Make sure to sure to use 4AAA Alkaline batteries.

Installation – Receiver AX10RF (optional)

Note: Please install the AX10RF Receiver for your radiator system. This will ensure the communication between the thermostat and the boiler, giving you the possibility to switch the boiler on and off. The AX10RF receiver is optional and needs to be purchased separately.

*Configured as RX1(boiler receiver)   *Configured as RX1 (stand alone receiver)

Installation – First Power Up

The following screens show examples only

| * Please note that 88.8 and 8.8 are a reference to the software version. | MCU software version will be shown | ZIGBEE software version will be shown |

Please make sure that your Universal Gateway is installed. You can use it with both internet and non internet connection. The LED will be blue when connected to the internet and red when it's not connected.

With Internet

Without Internet

If you are installing an underfloor system without an Internet connection, you can use the coordinator from the AKL08RF instead of the Universal Gateway.

Installation – Power Up your devices

Please follow the installation procedure for all equipment. After installation, your devices should look like this:

Pairing for radiator system with Internet connection

1 2 3

4 Ungrouped Equipment
Add new Equipment ➕ Gateway

5 Scan for equipment
Tap Scan for equipment when you want to start adding equipment to the App. The gateway will start flashing red.

6 7

8 9

Wait until the LED is solid red. Press the Open/Close button once. When the initialization process is complete, the LED will go off.

Press and hold the for 10 seconds until the ARV starts flashing red.

10 11

12 13

14

Please follow the on screen instruction in order to complete the pairing process.

Pairing for underfloor with Internet connection

1 2 3

4 Ungrouped Equipment
Add new Equipment ➕ Gateway

5 Scan for equipment
Tap Scan for equipment when you want to start adding equipment to the App. The gateway will start flashing red.

6 7

8 9

10 11

On step 6 please select your zone number by using the UP or DOWN arrows.

12

Please follow the on screen instruction in order to complete the pairing process.

Pairing for radiator system without Internet connection

5 sec

Wait until the LED is solid red. Press the Open/Close button once. When the initialization process is complete, the LED will go off.

Press and hold the ((•)) for 10 seconds until the ARV starts flashing red.

1 USE UF H
2 USE r Ad
3 USE r Ad
4 Join
5 PA i r
6 Ot ru
7 Ot ru
8 It ru
9 21.0 8:00AM 1234567

Once all ARV's have paired press ✓

If you use the maximum number of ARVs it will automatically take you to the Mainscreen.

The pre fix number on the ARV will change as the ARV(s) pair.

5 sec

Pairing for underfloor system without Internet connection

5 sec

OR

5 sec

1 USE UF H
2 Join
3 PA i r
4 uu 1 gr 1
5 uu 1 gr 1
6 uu 1 gr 1

On step 6 please select your zone number by using the UP or DOWN arrows.

7 23.0 12:50PM 1234567

5 sec

OR

5 sec

Installation – System Parameters

If the pre-configured program is not suitable for your application, hold down the bottom three keys for a short time, until the display shows SEL PROG. Do these settings before adding the thermostat to the universal gateway.

USE UF H → SEL Pr og

Selecting unit type

SEL Pr og

Pr og Programmable Thermostat

d i gt Digital Thermostat

uu tr Hot water timer

Use ⌃ or ⌄ to select the type of unit.
After selection has been made, press ✓ to confirm.

Setting the time (for systems without internet only)

21.0 03:04 1234567 → Pr og → hr

-3 Sec

hr 12-24 → 03:50 → 03:50

03:50 → 03:50

Set the program / schedule (for systems without internet only)

21.0 8:00AM 1234567 → Pr og

1 2 3 4 5 · 6 7   5/2

1 2 3 4 5 6 7   7 Days

1 2 3 4 5 6 7   Individual

Use right and left to select the day of the programs.

Use right and left to select the day of the programs.

Installation – Check the paired devices

If you want to see what devices are connected to your Universal Gateway you can know exactly by using the Identify procedure.

Bedroom 24° → Tap the tile from the Dashboard. → Bedroom 1 17° 23.5°

Bedroom 17° 23.5° → Tap the name of your device. → 17° 29° Thermostat Unlocked

17° 29° Thermostat Unlocked → Tap the Identify button. Your device will start flashing → 10 id

17° 27° Thermostat Unlocked → Tap the button again after identifying your device. → 23.0 12:50PM 1234567

Factory reset

If you have made an error or need to change your system parameters please follow steps below. This should only be done by your installer.

23.0 12:50PM 1234567   Press all three buttons simultaneously → 00 PS uu

00 PS uu → 47 PS uu

47 PS uu → dE L

dE L → AE s s

AE s s → 0.7 bo dt

USE UF H

Now you are ready to set up your system as desired.