



Underfloor Heating Thermostat Datasheet

24 models. Controls tuned for the slow response of a heated floor, with floor sensing options.

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Focused on thermostats since	2011
Compliance	RoHS, CE, UL, FCC, CSA, CCC, ISO 9001

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Why buyers specify this category

- Adjustable switching sensitivity to slow the cycle rate
- Models displaying room, set and floor temperature together
- Designed for almost all standard electric underfloor heating systems
- Universal back plate holes on the E3 range

Problems it solves

- Slabs overshooting because the cycle rate cannot be tuned
- Floor coverings damaged by excessive surface temperature
- No way to see floor temperature without a separate meter

Models

24V White Universal Touch LCD Screen Heat Pump Programmable Smart Air Conditioner Thermostat for AC

Air Conditioner Thermostats, Underfloor Heating Thermostat, HVAC Thermostat, Heat Pump Thermostat, Electric and Gas Thermostat, Programmable Thermostat

STN855 is the universal unit in the range. One part number covers up to 2 heat and 2 cool on conventional equipment and up to 3 heat and 2 cool on heat pumps, with auto changeover between modes. The interface is an LCD touch screen rather than a button keypad, and the switching side uses Omron relays rated 6 A with 2 A inductive load. For a contractor holding stock across mixed equipment, this is the model that replaces several.



Key benefits

- Universal staging removes the need to stock separate conventional and heat pump stats
- Auto changeover switches between heating and cooling without user intervention
- Omron relays rated 6 A, 2 A inductive, give a predictable contact life
- Touch screen keeps the front face clean, which matters in hotel and office fit-outs

Model	STN855
Programmability	5/1/1 programmable
Power Supply	24V power or battery
Switchable Current	6 A (2 A inductive load)
Temperature Range	32■-99■ (1■-40■) Power Consumption 2W
Display accuracy	±1°C (at 20°C)
Sensor	NTC
Relay	Omron
Screen	LCD Touch
Backlight	White/Blue/Green
Color	White/Customixed
Material	Anti-flammable PC +ABS
Dimension	120 x 98 x 28 mm
Installation	Mounts on wall or junction box
Consumption	2W
Type	Floor Heating Parts

230V NTC Digital Weekly Programmable Popular Heating Gas Boiler HVAC Thermostat

Gas Boiler Thermostat, Underfloor Heating Thermostat, Programmable Thermostat

C7 is a battery powered programmable room thermostat aimed at heating systems that need real setback rather than a single setpoint. It offers 7 day, 5/2 day and 24 hour schedules, a holiday mode for long absences and a manual override for one-off changes. Switching covers 24 V AC/DC up to 250 V AC at 50 Hz, 6 A with 2 A inductive load, so it suits both boiler relays and underfloor actuator circuits.

Key benefits

- Three schedule modes let the same stat serve homes, offices and rental property
- Holiday mode drops the building to a holding temperature without losing the programme
- Keypad lockout stops unauthorised changes in shared and public spaces
- Factory pre-set programme means the unit works sensibly straight out of the box



Model	C7
Programmability	7 Day, 5/2 Day and 24 hourProgrammable
Power Supply	battery
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Temperature Range	5°C-35°C in 0.5°C
Setpoint Range	10°C-30°C in 0.5°C
Display accuracy	±1°C (at 20°C)
Backlight	EL
Color	White
Material	Anti-flammable PC +ABS
Dimension	130 x80 x35 mm
Application	Villa/indoor/household/hotel/room
Type	Floor Heating Parts
Certification	RoHS CE CCC ISO
Warranty	1 Year

230V Large Digital Adjustable Button Gas Boiler Non-programmable Thermostat for Underfloor Heating

Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

ST2603 answers a specific complaint: digital stats that older occupants find hard to use. It keeps a digital LCD and an NTC sensor for accuracy, but the setpoint is changed with one large dial instead of a menu. HEAT, COOL and OFF are selectable, with frost protection on OFF, and the measuring range runs 0 C to 40 C in 0.1 C steps.

Key benefits

- One large dial replaces menu navigation, which cuts support calls in elderly housing
- Digital NTC measurement with a 0.1 C resolution behind a simple interface
- Frost protection stays active in the OFF position
- Adjustable switching sensitivity tunes cycle rate to a slow underfloor slab



Model	ST2603
Programmability	Non-Programmable
Power Supply	DC 2 x AAA 1.5V Alkaline batteries
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Temperature Range	0°C-40°C in 0.1°C
Setpoint Range	5°C-35°C in 0.5°C
Display accuracy	±1°C (at 20°C)
Sensor	NTC
Relay	Omron
Backlight	White/Customized
Color	White
Material	Anti-flammable PC +ABS

Dimension	130 x86 x30 mm
Installation	Wall Mounted
Application	Hotel/Office House Indoor

230V Electronic Weekly Programmable Gas Boiler Room Thermostat for Underfloor Heating Control

Wired Thermostat, 230V Wired Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Water Heating Thermostats, Electric and Gas Thermostat, Programmable Thermostat

ST27 is a wired room thermostat with an LCD and push buttons, designed for electric, underfloor and water heating systems. It carries 7 day, 5/2 day and 24 hour programmes with straightforward daily on and off settings, and switches up to 8(2)A at 230 VAC. It is used for bedrooms, hotel rooms and kitchens where the heating should follow an occupancy pattern rather than run continuously.



Key benefits

- 8(2)A 230 VAC maximum load drives electric heating circuits as well as boiler relays
- Three programme modes cover domestic, hotel and commercial occupancy patterns
- Heat / Cool / Off system switch makes it usable on year round installations
- 0.5 C setpoint resolution across 5 C to 35 C for fine comfort control

Model	ST27
Programmability	7 Day, 5/2 Day and 24 hour Programmable
System Switch	Heat/Cool/Off
Power Supply	2*AAA size battery
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Maximum Load	8(2)A 230 VAC Max
Temperature Range	0°C-40°C in 0.5°C
Setpoint Range	5°C-35°C in 0.5°C Power Consumption 2W
Display accuracy	±1°C (at 20°C)
Sensor	NTC
Backlight	White/Customized
Material	Anti-flammable PC +ABS
Dimension	119 x 80 x 26 mm
Installation	Mounts on wall or junction box
Consumption	2W

230V Color LCD Screen Non-programmable Wireless Room RF Smart Gas Boiler Thermostat for Floor Heating NTC

Wireless Thermostat, 230V Wireless Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

E3RF-L is a wireless RF room thermostat and receiver pair for gas boiler and floor heating systems where running a cable to the boiler is not practical. The transmitter sits in the room and the receiver wires at the appliance, communicating on 868.35 MHz over a range of up to 100 m. Frost protection cuts in at +7 C, and the receiver contact is rated 6(2)A at 230V.

Key benefits

- No control cable between the room and the boiler, which saves chasing walls in a retrofit
- 868.35 MHz band is less congested than 2.4 GHz, so the link is not affected by WiFi traffic
- +7 C defrost temperature protects pipework when the system is switched off
- Colour LCD with white, blue or orange backlight options



Model	E3RF-L
Programmability	Non-programmable
Power Supply	230VAC, 50HZ
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Maximum Load	6(2)A, 230V Defrosting Temperature +7°C
Temperature Range	5°C-35°C in 0.5°C
Setpoint Range	10°C-30°C in 0.5°C Power Consumption 6W Operating
Display accuracy	±1°C (at 20°C)
Sensor	NTC
Screen	Digital LCD
Backlight	>> HEAT(Heating)/COOL(Cooling)/OFF(Frost Protection) >> Wall mounted >>
Material	Anti-flammable PC +ABS
Operating Frequency	868.35MHZ
Transmission Distance	approx. 100m in open terrain
Consumption	6W

LCD WIFI RF Programmable Gas Boiler thermostat

WiFi Smart Thermostat, 24V WiFi Smart Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Programmable Thermostat

STN855W is the WiFi version of our universal platform. It keeps the same staging as the wired STN855, up to 2 heat and 2 cool on conventional systems and up to 3 heat and 2 cool on heat pumps, and adds app control over WiFi. Programming runs 7 day or 5/1/1 with auto changeover, and the unit takes either 24V power or AAA batteries.

Key benefits

- App control lets landlords and facility teams adjust rooms they are not standing in
- Universal staging means one connected model covers conventional and heat pump equipment
- Auto changeover removes the seasonal mode switch from the occupant's list of jobs
- Runs on 24V or AAA batteries, so it retrofits into wiring without a common conductor



Model	STN855W
Power Supply	24V or AAA BATTERIES
Backlight	Blue
Color	White
Material	Anti-flammable PC +ABS

Application	Room Underfloor Heating Thermostat/Indoor
Function	Floor Heating System Package Carton packing
Feature	Save Energy
Certification	CE RoHS

1 to 4 Wireless Heating and Cooling Remotely Control Room Gas Boiler RF Thermostat

Wireless Thermostat, 230V Wireless Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Programmable Thermostat

C7RF is built for multi-zone heating where each room needs its own pattern but the plant room has one appliance. A single control handles up to four zones, independently or together, over an 868.35 MHz RF link with a range of up to 200 m. Programming runs 7 day with six time and six temperature settings per day, which is enough resolution for a hotel floor or a house with very different room uses.



Key benefits

- Up to 4 zones from one control, so the plant room stays simple
- Six time and six temperature steps per day handle irregular occupancy
- Zones run independently or together, depending on how the building is used
- 200 m RF range covers a hotel floor or a large house without repeaters

Model	C7RF 1 to 4
Programmability	7 Day Programmable, 6 Time & 6 Temp per day
Power Supply	230VAC, 50HZ
Switchable Voltage	24 V AC / DC, ...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Maximum Load	6(2)A, 230V
Temperature Range	5°C-35°C in 0.5°C
Setpoint Range	10°C-30°C in 0.5°C Power Consumption 6W Operating
Display accuracy	±1°C (at 20°C)
Color	White
Material	Anti-flammable PC +ABS
Dimension	130 x 80 x 35 mm
Operating Frequency	868.35MHZ
Transmission Distance	approx. 200m in open terrain
Consumption	6W
Application	Hotel

220V Non-Programmable Digital Heating Wired Gas Boiler Thermostat with Battery Supply

Wired Thermostat, 230V Wired Thermostat, Air Conditioner Thermostats, Gas Boiler Thermostat, Underfloor Heating Thermostat, Water Heating Thermostats, Electric and Gas Thermostat, Non-Programmable Thermostat

ST23 is a compact wired 230VAC room thermostat for heating and cooling, used on boilers, water and electric heating, fan coil units and building ventilation. It is non-programmable: the occupant sets a temperature and the stat holds it, with defrost protection at +7 C when the system is off. At 118 x 80 x 26 mm it fits the footprint most replacements need to cover.



Key benefits

- Single product covers boilers, fan coil units and ventilation control
- 118 x 80 x 26 mm footprint covers the marks left by most older stats
- +7 C defrost temperature protects systems left switched off
- 0.1 C measuring resolution with +/-1 C display accuracy at 20 C

Model	ST23
Programmability	Non-Programmable
Power Supply	230VAC
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Temperature Range	0°C-40°C in 0.1°C
Setpoint Range	5°C-35°C in 0.5°C Defrosting Temperature +7°C
Display accuracy	±1°C (at 20°C)
Color	White
Material	Anti-flammable PC +ABS
Dimension	118 x 80 x 26 mm
Application	Hotel/Household
Function	Heating and Cooling Package Carton Box
Feature	Heat Resistant
Certification	CE
Warranty	1 Year

OEM Room Digital Gas Boiler Heating Thermostat For Home

Gas Boiler Thermostat, Underfloor Heating Thermostat, Programmable Thermostat

S2302 is our OEM workhorse for domestic gas boiler and underfloor heating control. It runs a 7 day programme, locks the keypad when required, and lets the installer tune switching sensitivity so a heated slab does not overshoot. Because it is built for private label work, the programme is preset at the factory to whatever the buyer specifies, and the unit ships under ISO9001 and CE documentation.



Key benefits

- Factory preset programme means the unit is useful straight out of the carton
- Adjustable switching sensitivity suits both radiators and slow underfloor slabs
- Keypad lockout protects the setting in rental and shared property
- ISO9001 and CE documentation supports import compliance

Model	S2302
Programmability	7 Day Programmable
System Switch	HEAT/COOL MODE Switch
Power Supply	2 x AAA 1.5V Lithium Batteries
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)

Temperature Range	0°C-40°C in 0.1°C
Setpoint Range	5°C-35°C in 0.5°C
Display accuracy	±1°C (at 20°C)
Screen	LCD
Material	Anti-flammable PC +ABS
Dimension	119 x 80 x 26 mm
Storage Temperature	-10°C to +60°C
Type	Floor Heating Parts
Function	Control temperature
Feature	Keypad Lockout

230V Dial Button Wired Non-programmable Gas Boilers Room Thermostat for Heating

Wired Thermostat, 230V Wired Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

E3-H is a classically styled wired 230V room thermostat with a large dial and only two modes: HEAT and OFF with frost protection. It is aimed at house and underfloor heating installations where the specification is deliberately simple. Switching sensitivity is adjustable so the installer can slow the cycle rate on a heated floor, and a battery low indicator warns before control is lost.



Key benefits

- Two modes only, which removes almost every source of user error
- Adjustable switching sensitivity tunes cycle rate to floor or radiator
- Battery low indicator gives warning before the room loses control
- Frost protection built into the OFF position at +7 C

Model	E3-H
Programmability	Non-programmable
Power Supply	230V
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Temperature Range	5°C-35°C in 0.5°C
Setpoint Range	10°C-30°C in 0.5°C Defrosting Temperature +7°C
Display accuracy	±1°C (at 20°C)
Screen	LCD Display
Color	White
Material	Anti-flammable PC +ABS
Application	House Home Floor Underfloor Heating
Type	Floor Heating Parts
Function	Control Temperature
Certification	CE ISO RoHS
MOQ	500pcs

RF Remotely Control Non-Programmable Wireless Heating Air Conditioner Room Thermostat 230V

Wireless Thermostat, 230V Wireless Thermostat, Air Conditioner Thermostats, Underfloor Heating Thermostat, Non-Programmable Thermostat

ST2601RF is a wireless dial thermostat for heating, air conditioning and underfloor heating where the appliance is out of reach of a cable. The link carries up to 200 m and the receiver switches 6(2)A at 230V. Like the wired ST2601 it uses a large dial adjustable button, with HEAT, COOL and OFF frost protection and an adjustable switching sensitivity for slow responding systems.



Key benefits

- 200 m wireless range covers large properties without repeaters
- Large dial keeps operation to a single action
- Adjustable switching sensitivity suits underfloor heating
- Calibration of -3 to +3 C fixes a poor mounting position

Model	ST2601RF
Programmability	Non-Programmable
Power Supply	DC 2 x AAA 1.5V Alkaline batteries
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz
Switchable Current	6 A (2 A inductive load)
Maximum Load	6(2)A, 230V
Temperature Range	0°C-40°C in 0.1°C
Setpoint Range	5°C-35°C in 0.5°C Power Consumption 6W Operating
Display accuracy	±1°C (at 20°C)
Screen	Digital LCD
Backlight	Blue/White
Color	White
Material	Anti-flammable PC +ABS
Dimension	130 x86 x30 mm
Operating Frequency	868.35MHZ
Transmission Distance	approx. 200m in open terrain

Programmable room thermostat for HVAC System air conditioner thermostat

Air Conditioner Thermostats, Underfloor Heating Thermostat, Programmable Thermostat

This is the HVAC configuration of S2302, set up for hotel heating and cooling rather than boiler-only duty. It carries a 7 day programme with six time and six temperature steps per day, a manual override for one-off changes and a lock key function for guest rooms. The system switch covers heating and cooling, and the unit runs from 2 x AAA lithium batteries.



Key benefits

- Six steps per day follow real hotel occupancy rather than a two-period pattern
- Lock key function keeps guests from rewriting the programme
- Manual override changes today without touching the stored schedule
- Heating and cooling switch keeps one product in use year round

Model	S2302
Programmability	7 Day Programmable
System Switch	Heating/Cooling
Power Supply	2 x AAA 1.5V Lithium batteries
Switchable Voltage	24 V AC / DC,...250 V AC; 50 Hz

Switchable Current	6 A (2 A inductive load)
Temperature Range	0°C-40°C in 0.1°C
Setpoint Range	5°C-35°C in 0.5°C
Display accuracy	±1°C (at 20°C)
Backlight	Orange / Blue
Color	White
Material	ABS+PC
Dimension	119 x 80 x 26 mm
Installation	Flat Wall mount
Storage Temperature	-10°C to +60°C
Application	Hotel

230V Central Temperature Control FCU Non-programmable Air Conditioner Thermostat for Fan Control

Air Conditioner Thermostats, Underfloor Heating Thermostat, FCU Fan Coil Unit Thermostat, Non-Programmable Thermostat

OCTK301AC is a 230VAC central air conditioner controller for fan coil units, where the room control has to switch the fan as well as the coil. It is non-programmable with a straightforward HEAT and COOL mode switch, senses from 0 C to 40 C and controls between 5 C and 35 C. A remote control function can be added as an option on project orders.

Key benefits

- Built specifically for FCU fan control rather than adapted from a boiler stat
- Mains 230VAC supply removes the need for a separate control transformer
- Optional remote control function for ceiling mounted units out of reach
- Blue or custom backlight to match a building's control scheme



Model	OCTK301AC
Power Supply	230VAC
Temperature Range	0°C-40°C >>
Control temp range	5°C-35°C >> Option to add remote control function available
Screen	LCD display
Backlight	Blue/Customizd
Color	White
Material	Anti-flammable PC +ABS
Type	Floor Heating Parts
Feature	Saving energy
Certification	CE,R&TTE,;FCC

24V LCD Heat Pump Electronic Programmable Heating Air Conditioner Room Thermostat

Air Conditioner Thermostats, Underfloor Heating Thermostat, HVAC Thermostat, Heat Pump Thermostat, Electric and Gas Thermostat, Programmable Thermostat

STN725 is a 24V programmable room thermostat for heat pump and air conditioning systems, controlling 2 heat and 1 cool. It uses an Omron relay on the switching side and an NTC sensor for room measurement, and runs from batteries or 24V hardwired power at 18 to 30 VAC, 50/60 Hz. Load rating is 1 amp per terminal with 1.5 amp maximum across all terminals combined.

Key benefits

- 2 heat and 1 cool staging covers heat pumps with auxiliary heat
- Omron relay gives a known contact specification rather than an unnamed part
- Battery or 24V power keeps the unit usable in retrofits without a C wire
- Rated for indoor and bathroom locations



Model	STN725
Power Supply	Battery or 24V power
Switchable Voltage	18 to 30 VAC, NEC Class I, 50/60 Hz for hardwire (common wire)
Load rating	1 amp per terminal, 1.5 amp maximum all terminals combined
Temperature Range	41°F to 95°F (5°C to 35°C)
Display accuracy	±1°F
Sensor	NTC
Relay	Omron
Screen	Digital LCD
Material	Anti-flammable PC +ABS
Operating Humidity	90% non-condensing maximum
Application	Indoors/Bathroom
Type	Floor Heating Parts
Function	Temperature Control
Feature	Saving energy
Certification	CE

24V Non Programmable Thermostat parts air conditioner controller duct flow thermostat

Air Conditioner Thermostats, Underfloor Heating Thermostat, HVAC Thermostat, Electric and Gas Thermostat, Non-Programmable Thermostat

N701 is a non-programmable 24V single stage thermostat built around a 4 square inch backlit LCD, which is noticeably larger than the display on most stats in this class. It controls 1 heat and 1 cool, keeps the separate B and O terminals for heat pump reversing valves, and offers separate heating and cooling swing adjustments plus a selectable 5 minute compressor delay.

Key benefits

- 4 square inch display is readable from across a room, which matters in care and hospitality settings
- Separate B and O terminals cover both reversing valve conventions
- Separate heating and cooling swing adjustment tunes cycle rate per mode
- 5 minute compressor delay protection is selectable



Model	N701
Programmability	Non-programmable
Stages	Single Stage (Heat/Cool)
Power Supply	Battery Or 24V
Color	White

Material	Anti-flammable PC +ABS
Dimension	120*106*26MM Dispaly 4 Sq. Inch Display
Application	Indoor
Type	Floor Heating Systems
Feature	Large LCD Display + Back Lighting
Certification	CE RoHS

Wall Home Digital Programmable Air Conditioner Thermostat

Air Conditioner Thermostats, Underfloor Heating Thermostat, Heat Pump Thermostat, Electric and Gas Thermostat, Programmable Thermostat

S725 is a 24VAC wall thermostat in heat pump style, controlling 2 heat and 1 cool on a 5-1-1 programme. The terminal set is RH, RC, G, Y, C, O, B, E and W, which covers dual transformer systems, emergency heat and either reversing valve convention. The display is a 4 square inch LCD with green backlighting. It does not work with electric baseboard heat at 120 to 240 V.

Key benefitis

- Full RH RC G Y C O B E W terminal set covers dual transformer and emergency heat wiring
- 4 square inch green backlit display is easy to read in low light
- Fan switch with ON and AUTO gives continuous circulation when needed
- Easy access battery compartment and low battery indicator



Model	S725
Programmability	5-1-1 Day Programmable
Stages	2 Heat, 1 Cool
Power Supply	24VAC
Temperature Range	41°F to 95°F
Setpoint Range	44°F to 90°F Dispaly 4 sq. inch large LCD display with green
Screen	LCD
Backlight	Terminal Designations RH,RC, G, Y, C, O, B, E, W
Material	Anti-flammable PC +ABS
Terminal Designations	RH,RC, G, Y, C, O, B, E, W
Application	Electric Systems
Type	Floor Heating Parts
Function	Temparature Control
Feature	Heat Pump style
Certification	ISO9001

Non Programmable Thermostat / Air Conditioner With Thermostat In AC

Air Conditioner Thermostats, Underfloor Heating Thermostat, FCU Fan Coil Unit Thermostat, Non-Programmable Thermostat

OCTK305AC is a 230 VAC non-programmable thermostat for fan coil units and room air conditioning, with a display accuracy of +/-0.5 C. That is tighter than the +/-1 C typical of this class, which matters where a specification sets a narrow comfort band. The switching side uses an Omron relay and the housing is flame retardant ABS, weighing 150 g.

Key benefits

- +/-0.5 C display accuracy, tighter than most FCU room controls
- Omron relay on the switching side for a documented contact life
- 230 VAC supply removes the need for a control transformer
- 0.5 C setpoint steps between 5 C and 35 C



Model	OCTK305AC
Programmability	Non-programmable
System Switch	HEAT/COOL mode switch
Power Supply	230 VAC
Temperature Range	0°C~40°C in 1°C
Setpoint Range	5°C~35°C in 0.5°C
Display accuracy	±0.5■
Sensor	NTC
Relay	Omron
Screen	Digital LCD
Backlight	Blue,white
Color	White
Material	Flame Retardance ABS
Dimension	86mm*86mm*32mm Product Description >> Non-programmable >> Easy to operate push buttons >> Blue / White
Weight	150g
Application	Apartment,Hotel,indoor,room

24V White Universal Touch LCD Screen Heat Pump Programmable Smart Air Conditioner Thermostat for AC

Air Conditioner Thermostats, Underfloor Heating Thermostat, HVAC Thermostat, Heat Pump Thermostat, Electric and Gas Thermostat, Programmable Thermostat

This is the STN855 supplied for hotel projects, where one control has to cover fan coil units, boilers, radiators, floor heating and ventilation in the same building. The touch LCD replaces a button keypad on the guest-facing surface, the schedule runs 5/1/1, and the Omron relay switches 6 A with 2 A inductive load. Housing colour can be customised alongside the white, blue and green backlight options.

Key benefits

- One control specified across FCU, boiler, radiator, floor heating and ventilation duties
- Touch LCD with no mechanical keys to wear in guest rooms
- Omron relay rated 6 A with 2 A inductive load
- Customised housing colour available as well as three backlight colours



Model	STN855
Programmability	5/1/1 programmable
Power Supply	24V power or battery
Switchable Current	6 A (2 A inductive load)

Temperature Range	32■-99■ (1■-40■) Shell
Display accuracy	±1°C (at 20°C)
Sensor	NTC
Relay	Omron
Screen	LCD Touch
Backlight	White/Blue/Green
Color	White/Customixed
Material	Anti-flammable PC +ABS
Shell Material	PC+ABS (Fireproof)
Dimension	120 x 98 x 28 mm
Installation	Mounts on wall or junction box
Consumption	2W

Hot Selling 230V Non-programmable Wired Underfloor Heating Gas boiler Thermostat HVAC

Wired Thermostat, 230V Wired Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

This is ST2305 in its underfloor heating configuration, a wired 230V non-programmable thermostat showing room and set temperature on one LCD. A button battery backup keeps the settings through a power failure, and the unit is designed to work with almost all standard electric underfloor heating systems. Sensing is by NTC, and operation is a simple HEAT / OFF / COOL switch with a manual setpoint.



Key benefits

- Button battery backup keeps settings through a power failure
- Designed for almost all standard electric underfloor heating systems
- Room and set temperature shown together, so users can see both
- NTC sensing rather than a bimetal element

Model	ST2305
Backlight	Blue
Material	ABS+
Weight	400g
Package Included	1Wired Thermostat 1Instruction

LCD 230V Non-programmable Heating Room Thermostat for Gas Boilers

Wired Thermostat, 230V Wired Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

This configuration of ST23 is the one specified for electric underfloor heating, because the LCD shows floor temperature alongside room and set temperature. Very few room stats in this class display all three. It is non-programmable, with heating, cooling and frost protection modes, room temperature calibration and a low battery indicator.



Key benefits

- Displays floor temperature as well as room and set temperature
- Frost protection mode alongside heating and cooling
- Designed for almost all standard electric underfloor heating systems
- Three backlight colours: blue, white or orange

Model	ST23
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Backlight	Blue/White/
Material	Anti-flammable PC+ABS
Weight	400g
Package Included	1Wired Thermostat 1Instruction

Household 230V Digital Wired Non-programmable Heating Thermostat for Gas Boiler

Wired Thermostat, 230V Wired Thermostat, Air Conditioner Thermostats, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

ST2401 is the wired household version of the ST2400 family, combining a large dial adjustable button with a button battery backup that preserves settings through a power failure. The LCD shows room temperature and set temperature together, and the unit is designed to work with almost all standard electric underfloor heating systems as well as gas boilers and radiators.

Key benefits

- Large dial plus settings backup, a combination most simple stats do not offer
- Room and set temperature shown together on the display
- Works with almost all standard electric underfloor heating systems
- Blue, white or orange backlight options



Model	ST2401
Backlight	Blue/White/
Material	Flame Retardance ABS
Weight	400g
Type	Air Conditioning / Heating / HVAC Systems / Radiator / Ventilation / Other /
Package Included	1Wired Thermostat 1Instruction

230V New Production Wireless Gas Boiler Home Usage Digital Heating Non-programmable RF Thermostat

Wireless Thermostat, 230V Wireless Thermostat, Air Conditioner Thermostats, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

This configuration of ST2403RF is the wireless underfloor variant: the LCD shows room temperature, set temperature and floor temperature together, over an 868 MHz link chosen for more stable communication. It is non-programmable with a HEAT / OFF / COOL mode switch, and is designed to work with almost all standard electric underfloor heating systems as well as gas boilers and radiators.

Key benefits

- Floor temperature displayed on a wireless room unit, which is uncommon
- 868 MHz link for more stable communication in buildings
- Designed for almost all standard electric underfloor heating systems
- Covers air conditioning, heating, HVAC, radiator and ventilation duties



Model	ST2403
Backlight	White/
Material	Flame Retardance ABS+
Weight	400g
Type	Air Conditioning/Heating/HVAC Systems/ Radiator / Ventilation /
Package Included	1Wireless Thermostat 1Instruction

230V Wired Non-programmable Thermostat E3-H

Premier Thermostat, 230V Premier Thermostat, Gas Boiler Thermostat, Underfloor Heating Thermostat, Non-Programmable Thermostat

This is E3-H in the Premier range specification, a wired 230V non-programmable thermostat for floor heating. Two details set it apart from a standard dial stat: universal back plate holes that match mounting standards in different countries, and an integrated pulley in the dial mechanism. It is built with fireproof materials and imported chips and relays, in blue, white, green or orange backlight.



Key benefits

- Universal back plate holes match mounting standards in various countries
- Integrated pulley gives a smooth, consistent dial action
- Built with high quality fireproof materials and imported chips and relays
- Four backlight colours: blue, white, green or orange

Model	E3-
Backlight	Blue/White/Green/
Material	Anti-flammable PC+
Weight	400g
Type	Floor Heating Parts/Floor
Package Included	1 Wired Thermostat 1Instruction

High Sales Volume Auto WIFI Control Underfloor Heating Programmable Home Thermostat

WiFi Smart Thermostat, 230V WiFi Smart Thermostat, Underfloor Heating Thermostat, Programmable Thermostat

E3RF-H is the connected version of the E3 platform, built for underfloor heating system temperature control. It is universal WiFi with a 7 day programme and an AUTO/MANUAL switch, and keeps the two details that make the E3 range practical for export: universal back plate holes that suit mounting standards in different countries, and an integrated pulley in the dial mechanism.



Key benefits

- Universal back plate holes suit back box standards in different countries
- Integrated pulley gives a smooth, consistent dial action
- AUTO/MANUAL switch overrides without losing the programme
- 7 day programme with simple, clearly labelled buttons

Model	E3
Backlight	White
Material	Anti-flammable PC+
Weight	400g
Package Included	1WiFi Thermostat 1