

# thermo Sphere

## CONTROL | TOUCH | DUAL

Dual relay thermostat for electric underfloor heating and an extra appliance.



Control your underfloor heating and appliance (towel rail or mirror demister) from the same thermostat



Smart adaptive start learns how long your floor takes to heat up and uses as little energy as possible



Open window sensor monitors the room temperature and switches off automatically if a door or window is opened



Flexible schedule options allow you to program 7 days separately, all 7 days the same or separate weekends



Built in ambient and external floor temperature sensors. Compatible with a wide range of popular floor sensor probes



SDC-W-01

### Technical data

Supply voltage	230/240V 50/60Hz
Maximum load	16A (20A combined)
UFH relay	16A (3600W)
Appliance relay	5A (1125W)
Temperature range	5 ~ 35°C
Ambient	0 ~ 50°C
Compatible sensors	6.8kΩ, 10kΩ, 12kΩ, 15kΩ, 33kΩ (@ 25°C)
Accuracy	±0.5°C
Warranty	3 years
IP rating	IP30
Size	W129 x H88 x D48mm (31mm in wall)
Heating schedule options	7 days same, 7 days separate, 6 + 1, 5 + 2, Off
Adaptive start	On / Off (Starts at 60 minute preheat)
Open window detection	On / Off (Detection time adjustable from 2 - 30 mins)
Open window - Temperature drop limit	2, 3 or 4 °C
Open window - Heating on again after	10 - 60 minutes

### Box contents

1 x ThermoSphere Dual Control
1 x Installation guide
1 x 3m floor temperature sensor probe
1 x 2m sensor conduit
2 x Fixing screws

### Dimensions (mm)

