

# Temperature control



## MidiTemp

A compact unit for digital setting and view of temperature for operation and control of heating products, both in already existing or new installations. Control panel with on/off mode and programmable set value 5 - 45°C.

The controller has an input for external flow switch and/or overheating limit control. 230V output for operating a wide range of heating applications; heat exchangers, solar panels, electric heaters etc.

The controller will give a more precise temperature regulation compared to an analogue thermostat. Built-in safety features for overheat protection, flow switch for low pool circulation and alarm for temperatures above 45°C. Provides a safe operation for both users and pool components.

### Item no.

128470 MidiTemp

### Electronic digital control panel

- Built-in safety features for overheat protection for temperatures above 45°C
- Energy efficient
- Easy to set desired temperature
- Clear digits shows the pool temperature and the temperature set
- Indicates when heater is operating

### Technical data

|                      |                                       |
|----------------------|---------------------------------------|
| Power connection     | 220-240VAC 1~N 50Hz                   |
| Max effect           | 230W                                  |
| Sealing class        | IP44                                  |
| Dimensions L x W x H | 170 x 50 x 160 mm                     |
| Connection cable     | 3 x 0,75 mm <sup>2</sup> , 1.5 m long |

Switch on at 0.5°C under set temperature

Switch off 0.5°C above set temperature

### Connections

|                     |                             |
|---------------------|-----------------------------|
| Control voltage     | 230 VAC 50Hz max 1A         |
| Protection switches | Potential free/dry contacts |

### Features

- Electronic control panel with LED
- Remote view and control
- Precise temperature setting
- Controller output gives 230V (max 1A) to control a variety of heating applications; e.g. pumps, contactors, valves etc.
- Length of sensor cable 1400 mm
- Built-in protection and alarm against excessive temperature or sensor failures
- Flow switch input with time-delayed output - heating aborted with alarm when reached low pool circulation



Sensor well/Saddle clamp



Flow switch

### Accessories

#### Item no.

|          |                                       |
|----------|---------------------------------------|
| 14009100 | Sensor well R1/2" L=70 mm             |
| 128604   | Saddle clamp 63 x 1/2" PN10 PP        |
| 12870    | Flow switch, external connection 1/2" |

## Thermostat

For setting and automatic control of water temperature.

| Item no. | Temperature range | Connection |
|----------|-------------------|------------|
| 12840    | 0-40°C            | R1/2"      |

Equipped with probe 160 mm.

