



Capillary Thermostats

These products are used to monitor the temperature of air or liquids. Applications include heating and air conditioning systems. The liquid filled sensor element enables a rapid response to temperature changes .

Features

- Thermostat easily calibrated
- Robust housing

EC-EMC Series

Type	IP Rating	Range	Part No.	Price Each	
1-Stage	IP43	-20 to +40°C	EC-2	£33.00	
		-20 to +40°C	EC-3	£33.00	
		-20 to +40°C	EC-4	£33.00	
		-20 to +40°C	EC-5	£33.00	
		0 to 100°C	EC-6	£33.00	
		0 to 200°C	EC-7	£33.00	
	IP43*	0 to 200°C	EC-8	£33.00	
		-15 to +45°C	EC-3D	£34.00	
		0 to 70°C	EC-6D	£34.00	
		30 to 65°C	EC-6DM	£36.00	
		60 to 95°C	EC-7DM	£36.00	
		-20 to +40°C	EC-3W	£35.00	
IP65	-20 to +40°C	EC-4W	£36.00		
	0 to 100°C	EC-6W	£36.00		
	0 to 200°C	EC-7W	£37.00		
	0 to 200°C	EC-8W	£39.00		
	-20 to +40°C	EMC-22A	£52.00		
	0 to 100°C	EMC-23A	£52.00		
	2-Stage	IP43	-20 to +40°C		
			0 to 100°C		

* Also available with IP65 weatherproof enclosure



Capillary Thermostats

This range of Capillary Thermostats can be used to control the temperature of liquids and gases in a variety of applications. Liquid filled sensing elements ensure rapid response and accurate switching differentials.

Features

- Setting indicator
- Easy adjustment of setpoint (CS01 & CS05)
- Robust housing

ST-CS Series

Description	Range	Part No.	Price Each
Manual Reset	-10 to +12°C	ST-CS01	£47.00
	50 to 140°C	ST-CS05	£26.75
Auto Reset	-35 to +35°C	ST-CS02	£33.00
	30 to 90°C	ST-CS03	£115.00
	50 to 140°C	ST-CS04	£115.00

Remote Bulb Capillary Thermostats

These Capillary Thermostats can be used to control the temperature of liquids and gases in a variety of applications. Liquid filled sensing elements ensure rapid response and accurate switching differentials.

Features

- IP65 Protection
- Robust housing

ST-CS..W Series

Description	Range	Part No.	Price Each
Manual Reset	50 to 120°C	ST-CS04W	£35.00
	-30 to +30°C	ST-CS02W	£40.50
Auto Reset	20 to 90°C	ST-CS03W	£35.00
	50 to 120°C	ST-CS04W	£35.00



Freeze Protection Thermostats

These products are used to prevent the freezing of liquids inside pipes or heating/cooling units.

Features

- Robust housing

EFP Series

Type	IP Rating	Range	Part No.	Price Each
IP43		-15 to +15°C	EFP-1	£35.00
		-15 to +15°C	EFP-2	£36.00
		-15 to +15°C	EFP-3	£39.00
		-15 to +15°C	EFP-4	£39.00
IP65		-15 to +15°C	EFP-1	£46.00
		-15 to +15°C	EFP-2	£48.00
		-15 to +15°C	EFP-3	£61.00
		-15 to +15°C	EFP-4	£62.00

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Capillary Frost Thermostats (Economy)

The ST-FRE range of thermostats provide a low cost switch output based on the average temperature detected along a six metre capillary sensor. The most common application is for frost protection on fresh air intakes or air-conditioning systems, to prevent the icing up of filters, fans and coils. The capillary is fixed in a matrix across the duct, in a position downstream of the pre-heater or frost coil.

Features

- Easy adjustment of setpoint
- Setting indicator

ST-FRE Series

Description	Part No.	Price Each
Auto Reset 6m capillary	ST-FRE1	£20.25
Manual Reset capillary	ST-FRE2	£20.25
Accessories		
Pack of six additional capillary fixing clips	ST-DFK	£5.50
Mounting Bracket for ST-FRE	BRK	£1.00



Strap-on Thermostats

Sontay's range of strap-on thermostats can be used to control the temperature of liquids and gases in a variety of applications where it is not possible to insert a pocket.

Features

- Install in any position
- Easy adjustment of setpoint
- Setting indicator

ST-SS Series

Type	Protection	Range	Part No.	Price Each
Manual Reset	IP43	0 to 60°C	ST-SS05	£35.00
	IP40	0 to 90°C	ST-SS01	£12.00
Auto Reset	IP65	-30 to +30°C	ST-SS02	£35.00
		0 to 60°C	ST-SS03	£35.00
		20 to 90°C	ST-SS04	£35.00



Immersion Thermostats

EBS Series

These products are used to monitor liquid temperatures in pipes, boilers tanks etc. The liquid filled sensing enables a rapid response to temperature changes. The E10- is a single function thermostat and the EBD dual function has two separate thermostats inside the enclosure.

Features

- IP43 Protection
- Robust housing

Single & Dual Function

Type	Range		Part No.	Price Each	
	Control	Limit			
Manual Reset Single Function	0 to 35°C	-	EBS-1	£33.00	
	0 to 80°C	-	EBS-2	£33.00	
	35 to 95°C	-	EBS-3	£33.00	
	50 to 30°C	-	EBS-4	£33.00	
	-	30 to 95°C	EBS-7	£33.00	
	-	60 to 95°C	EBS-8	£33.00	
	-	95 to 130°C	EBS-9	£33.00	
	Manual Reset Dual Function	0 to 80°C	0 to 80°C	EBD-1	£49.00
		35 to 95°C	35 to 95°C	EBD-2	£48.00
35 to 95°C		60 to 95°C	EBD-8	£52.00	



Duct Thermostats

These duct thermostats can be used to control the temperature in duct work systems. Liquid filled sensing elements ensure rapid response and accurate switching differentials.

Available in two types:

Safety thermostats (manual reset) - with an adjustable setpoint, fixed differential and manual reset, which provides high limit cut-out on boilers etc.

Control thermostats (auto reset) - with an adjustable setpoint, adjustable differential and auto reset, which provides a switched output to a heater, cooler or controller.

Features

- Robust housing

ST-DS Series

Type	Protection	Range	Part No.	Price Each
Manual Reset	IP43	0 to 60°C	ST-DS03	£36.75
		20 to 90°C	ST-DS04	£36.75
		-35 to +35°C	ST-DS01	£26.75
Auto Reset	IP54	0 to 60°C	ST-DS02	£26.75
		-15 to +30°C	ST-DS05	£46.00
	IP65	20 to 90°C	ST-DS06	£46.00
		50 to 120°C	ST-DS07	£46.00

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Contact your local sales office for other products in this range and for confirmation of price. Prices correct at time of printing but may vary subject to changes in manufacturers list prices. E. & O. E. All prices are exclusive of V.A.T.



BRC



EOF-01



EOF-21



TA2



PTR01-0...



EG-3000



EG-2000



EG-1000

Strap-On Thermostat

These products are used to monitor the temperature of liquids in pipes and cylinders.

BRC Series

Type	Rating	Range	Part No.	Price Each
Manual Reset	IP30	20 to 90°C	BRC	£13.00

Outside Frost Thermostats

Single & Dual Function

These products are used to monitor the temperature outside buildings and switch heating/cooling or other units in the event of high/low temperatures.

Features

- Robust housing

EOF Series

Type	Rating	Range	Part No.	Price Each
Single Function	IP65	-20 to +30°C	EOF-01	£29.00
Dual Function	IP65	-20 to +30°C/ -20 to +30°C	EOF-21	£47.00

Room Thermostats

These products are used to monitor the temperature Inside buildings and switch heating/cooling or other units. These units are tamper proof.

TA-2 Features

- Adjustable limit stops under the cover
- Main Adjustment via knob
- Backplate for 1 gang box included

PTR01... Features

- Knob adjustment only
- Range and limit stops provided
- Order Backplate Separately
- Enclosure Flammability

TA2 & PTR01 Series

Type	Rating	Range	Part No.	Price Each
Single function	IP20	5 to 30°C	TA2	£12.00
	IP30	-20 to +30°C	PTR01-045	£13.00
		5 to 30°C	PTR01-010	£13.00

Accessory

Backplate for PTR01... (will fit square or round outlet boxes)	EE-BP2	£4.00
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Thermostat Guards

A range of transparent, high impact, polycarbonate thermostat guards for use with a variety of thermostats/sensors etc. The guards screw fix to wall over the existing thermostat.

Features

- Supplied with lock and Key
- Ideal for use in public areas, sports halls etc.
- Self locking snap-lock cover, unlock with key.

EG Series

For Type	Part No.	Price Each
MTR 10...	EG-1000	£26.00
TA-2, PTR01..., ER..., EH..., EHR...,	EG-2000	£26.00
Various (not suitable for EMR...)	EG-3000	£26.00

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Temperature Controllers

These products can monitor the temperature inside buildings, rooms, ducts (return air), tanks, pipes etc and give 0-10VDC output signal linear across the desired proportional band. Suitable for control damper motors, valve actuators, step controls, relay modules and thyristors etc. The duct unit should be mounted in the return air, if multi-stages of heating and cooling are required.

ETC Series

Mounting Type	Range	Function	Part No.	Price Each
Room	0 to +50°C	Heating or Cooling	ETC-R50	£45.00
		Heating & Cooling	ETC-R52	£52.00
	15 to 30°C	Heating or Cooling	ETC-R30V	£45.00
		Heating & Cooling	ETC-R32V	£52.00
Duct	-10 to +50°C	Heating or Cooling	ETC-D50	£60.00
		Heating & Cooling	ETC-D52	£65.00
	25 to 95°C	Heating or Cooling	ETC-D95	£65.00
		Heating & Cooling	ETC-D95	£65.00
Immersion	-10 to +50°C	Heating or Cooling	ETC-150	£65.00
	25 to 95°C	Heating or Cooling	ETC-195	£65.00
Accessories				
		½" BSP x 120mm Brass pocket for ETC-I....	EE-2B	£8.00
		½" BSP x 120mm Stainless Steel pocket for ETC-I....	EE-STK	£14.00

Temperature Controllers

These products are used to monitor liquid temperatures in pipes, boilers tanks etc. The liquid filled sensing enables a rapid response to temperature changes. The EBS is a single function thermostat and the EBD dual function has two separate thermostats inside the enclosure.

Features

- DIN rail mounting

E13-PO Series

Output Signals	Range	Function	Part No.	Price Each
1	-10 to +50°C	Heating or Cooling	E13-PO1	£60.00
		Heating or Cooling	E13-PO2	£65.00
2	-10 to +50°C	Heating & Cooling, (2 heating or 2 cooling)	E13-PO3	£102.00
3	-10 to +50°C	Heating & Cooling & Cooling	E13-PO4	£70.00
Accessory				
		Wall mounting enclosure IP65	EE-M2T	£16.00



E13-PO



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Sensors, Adjusters & Displays

E10 Series

These products are used to monitor liquid temperatures in pipes, boilers tanks etc. The liquid filled sensing enables a rapid response to temperature changes.

Features

- IP43 Protection
- Robust housing

Sensors, adjusters, & Displays

Type	Description	Part No.	Price Each
Bead Sensor	with 2 way terminal strip	E10-B	£4.00
Cable Sensor	with 2m cable	E10-C	£7.00
Duct Sensor	Probe length 160mm	E10-D	£13.00
Duct Averaging	Probe length 160mm (use 2xE10-DA for averaging)	E10-DA	£21.00
Thimble sensor	Stainless Brushed Satin with 200mm cable, Drill hole 12 dia.	E10-GS	£32.00
	Brass with 200mm cable, Drill hole 12 dia.	E10-GB	£21.00
	White with 200mm cable, Drill hole 12 dia.	E10-GW	£12.00
Black bulb sensor	For radiant tube heaters	E10-H	£14.00
Immersion Sensor	Probe Length 120mm "Order Pocket Separately"	E10-I	£15.00
Fan Coil Sensor	With duct flange & 2m cable	E10-K	£9.00
Room Sensor	Can be mounted on square or round outlet box	E10-R	£8.00
Strap-On Sensor	As E10-R (use 2 x E10-RA for averaging)	E10-RA	£13.00
	Includes fixing strap for up to 6" dia. Pipe. 2m cable	E10-S	£14.00
Room Sensor + Knob	with knob adj. ±4°C above & below main set point knob setting	E10-V	£16.00
Outside Sensor	Weatherproof	E10-X	£11.00
	-10 to +50°C Front Panel Mounting	E10-P50	£19.00
Setpoint Adjuster	25 to 95°C Front Panel Mounting	E10-P95	£19.00
	±4°C Front Panel Mounting	E10-P4	£19.00
	For minor adjustment of main set point knob setting		
Digital Display	Selectable -10 to +50°C or 25 to 95°C 230VAC supply	E10-T	£65.00
	Front panel mounting 48H x 96W x 104D		
	Panel cut-out 44H x 48W		
Accessories			
	½" BSP x 120mm Brass pocket for E10-I	EE-2B	£8.00
	½" BSP x 120mm Stainless Steel pocket for E10-I	EE-STK	£14.00

Electronic Thermostats

These products monitor the temperature of air/liquid & control multiple heating/cooling or other units in response to temperature changes according to the model used. The set-point is adjustable via the dial on the pcb. All units can be used with a wide range of remote accessories.

For Use with E10 Series of Sensors.

ETE Series

Type	Range	Part No.	Price Each
1-Stage Function	-10 to +50°C	ETE-150	£33.00
	25 to +95°C	ETE-195	£33.00
2-Stage Function	-10 to +50°C	ETE-250	£59.00
	25 to 95°C	ETE-295	£59.00
4-Stage Function	-10 to +50°C	ETE-450	£87.00
	25 to 95°C	ETE-495	£87.00

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Room Sensors

TP Series
Duct Sensors

Temperature Sensors

Specifications

Range: - 50 to +150°C
Accuracy: + 0.2°C @ 70°C

TP... Series

Thermostat Type	Part No.	Price Each
Flying Lead 2 metre	TPVAV/S	£5.00
Outside Sensor IP65 enclosure (encapsulated element)	TPOS	£9.50
Clamp On Sensor	TPCS	£12.00
Room Sensor White	TPRS	£5.00
Room Sensor Black Bulb	TPRS/BB	£15.00
Ceiling Mounted Air Temperature Sensor 65mm probe	TPCM65	£24.00
Window Surface Temperature Sensor 2 metre of cable	TPWIN	£25.00
White Nylon Button Air Temperature Sensor Thermistor	TPWBS	£10.80
Brass Button Air Temperature Sensor Thermistor	TPBBS	£10.80
Immersion Sensor With Brass Pocket	TPIS	£20.00
Duct Sensor 150 mm probe	TPDS/S	£11.50
Duct Sensor 300 mm probe	TPDS/L	£14.00
Duct Sensor Averaging 2.5 metre probe	TPDS/AV2.5	£75.00
Duct Sensor Mounting Flange for use with DS/S and DS/L	TPDMF	£3.85

Accessories

Description	Part No.	Price Each
Brass Pocket 125mm (Fits all standard immersion sensors)	TPBP125	£6.50
Stainless Steel Pocket 125mm (Fits all standard immersion sensors)	TPSP125	£12.00
Duct Mounting Flange for all DS/S and DS/L temperature sensors	TPDMF	£3.85
Solar Guard for outside sensors	TPSOLG	£7.50

Fan Coil Room Temperature Controllers

Heating /Cooling PI controller with digital display for temperature, setpoint & fan speed

RTC Series

Description	Part No.	Price Each
2 x 0-10V with digital display	Flush/standard finish	RTC2/A/F/Std W £84.00
	Flush/decorative finish (prices from)	RTC2/A/F/DEC £125.00
Triac control with digital display	Flush/standard finish	RTC2/T/F/Std W £84.00
	Flush/decorative finish (prices from)	RTC2/T/F/Dec £125.00

Accessories

BACnet Communications for all RTC controllers ADD the cost to the above prices	BACnet com's	£6.00
Fan Coil temperature controller with BACnet communications DIN Rail Mount	FCU-3	£85.00
Room Display Unit flush wall mounted for operation with the FCU-3 Fan coil Controller	RDU/F/W	£65.00
Inter-connecting cable with RJ11 plugs each end for FCU to RDU standard 10 metre	RJ11/10m	£8.00

For additional lead lengths call your local sales office

Room Temperature Controllers

Auto tuning PI control in room enclosure (range 10-30°C) Single or Two stage controller outputs with ON/OFF, ECO or Frost settings and optional Low Limit reset

STC Series

Description	Part No.	Price Each
1 x 0-10V for heating or cooling control with concealed adjustment	STC/C/130	£40.00
1 x 0-10V for heating or cooling control with concealed adjustment & Low Limit reset	STC/C/130L	£48.00

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