



### Residential Thermostatic Radiator Valves

**Features**

Temperature: 8° to 28°C

#### RAS-C2 Sensor

Description	Part No.	Price Each
Grey Socket, positive shut-off feature	013G60400	£11.31

Angled Bi-Directional Valve body Fittings included, reversible for two pipe systems.

#### RA-FS Valve

DN (mm)	Rp	Kvs (M <sup>2</sup> /h)	Part No.	Price Each
15	1/2"	0.55	013G628100	£10.39
8/10	1/2"	0.55	013G628300	£10.39

**Features**

Temperature: 8° to 28°C

#### RAS-C2 Sensor & Valve

Description	Part No.	Price Each
Sensor & RA-FS 15 mm Bi-Directional Angle Valve	013G605000	£11.49
Sensor & RA-FS 8/10 mm Bi-Directional Angle Valve	013G605500	£11.49
Sensor & RA-FS 10 mm Bi-Directional Angle Valve	013G606000	£14.06



**Features**

- All models have locking and limiting features

#### RA 2000 Sensors

Type	Temp.	Part No.	Price Each
Built-in Sensor connection with clamping ring/Allen screw	5° to 26°C	013G291000	£14.97
Remote Sensor connection with clamping ring/Allen screw	5° to 26°C	013G291200	£21.62
Frost protection, connection with clamping ring/Allen screw	5° to 22°C	013G291400	£14.97
Remote Sensor Frost protection, connection with clamping ring/Allen screw	5° to 22°C	013G291600	£21.62
Tamperproof with Allen screw	5° to 26°C	013G292000	£20.40
Frost protection, Tamperproof, with clamping ring/Allen screw	5° to 26°C	013G292200	£25.48
Remote Temperature adjuster	2m	013G506200	£46.58
	5m	013G506500	£50.95

#### Time Clocks & Programmers

Type	Clock Functions	Program Features	Contact	Type	Part No.	Price Each
Combined CH & HW	24 Hr	2 On/Off	6 (2) A	103	087N652300	£55.13
	24 Hr 5/2 Day	3 On/Off	3 (1) A	103-E5	087N653500	£63.21
	7 or 5/2 Day	3 On/Off	3 (1) A	103-E7	087N653800	£71.30
HW or CH & HW	24 Hr	2 On/Off	6 (2) A	102	087N652100	£62.01
	24 Hr 5/2 Day	3 On/Off	3 (1) A	102-E5	087N653400	£70.90
	7 or 5/2 Day	3 On/Off	3 (1) A	102-E7	087N653600	£77.92



103-E5

#### Time Clocks & Programmers

Clock Functions	Rating Amps	Channels	Switch	Part No.	Price Each
200 events Programmable over 7 Days	30	1	1 x SPST	811	£220.63
	10	1	1 x SPST	851	£208.11
		2	2 x SPDT	852	£244.18
	15	1	1 x SPST	841	£269.22
3	2	2 x SPDT	842	£318.51	



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#### Spring Return Motorised Valves c/w Auxiliary Switch

Description	Part No.	Price Each
22mm 2 Port Valve with Actuator	HP22	£57.11
28mm 2 Port Valve with Actuator	HP28	£72.16
22mm 3 Port Valve with Actuator	HS3	£83.77
Replacement Motor include Auxiliary Switch for 2 Port Valves	HPA-2	£37.67
Replacement Motor for Mid Position 3 Port Valves	HSA-3	£50.05



HS3

#### Room Thermostats

Type	Range	Type	Part No.	Price Each
Room	8 - 30°C	RMT 230	087N1100	£15.48
	5 - 30°C	RET 230	087N7004	£18.41
Frost	5 - 30°C	RET 230F	087N70102	£23.22

#### Pipe Thermostats

Type	Range	Type	Part No.	Price Each
SPDT 6A 230VAC	30 - 90°C 6 - 10°C	AT Pipe	041E00000	£33.63
	30 - 90°C 8 - 3°C	AT Cylinder	041E00100	£15.48

# Honeywell



## Space Thermostat

Wall mounted line voltage room thermostat.  
For frost protection of building fabric, contents, and exposed pipework.

Can be used in conjunction with L641B1004 pipe mounted thermostat to provide frost protection system for pipework. T4360A brings on heating in response to reduced temperatures, and L641B switches heating off when pipes have warmed up.

- Features**
- 230VAC
  - SPDT output

### T4360A Series

Tamperproof cover	Product literature language Type	Part No.	Each Price
yes	English	<b>T4360A1009</b>	£20.18

## Room Thermostat

Wall mounted line voltage room thermostat.  
For general purpose control of gas valves, zone valves, circulation pumps, ventilators, boilers etc. in heating or cooling systems.

- Features**
- 230VAC
  - SPDT output

### T6360B Series

Heat anticipator	Manual operation	functions Lamp	Temperature scale	Tamperproof cover	Part No.	Price Each
Yes	-	-	-	-	<b>T6360B1028</b>	£15.56
Yes	-	heating on	-	-	<b>T6360B1036</b>	£20.01
Yes	-	-	-	yes	<b>T6360B1069</b>	£23.23
Yes	-	-	1.5	-	<b>T6360B1085</b>	£17.16



## Water temperature control thermostat

Surface mounting thermostat for applications with hot water storage cylinders or water pipes.

For temperature control of hot water storage cylinders, high and low temperature limiting on water pipes, and automatic heat/cool changeover for 2-pipe fan-coil systems.

Thermostat delivered with mounting strap for cylinders (L641A) or mounting springs for pipes (L641B).

**Features**

- 230VAC
- SPDT output
- A manual setting knob is supplied with L641A.
- A tamperproof cover is supplied with L641B.



### L641 Series Thermostat

Suitable For	Temp. setpoint °C	Mounting Place	Tamperproof Cover	Part No.	Price Each
water temperature control	40 ... 80	on cylinder	-	<b>L641A1039</b>	£18.80
low limit or H/C changeover	2 ... 40	strap on pipe	supplied	<b>L641B1004</b>	£26.54
high limit	50 ... 95	strap on pipe	supplied	<b>L641B1012</b>	£26.54

# Sontay



## Space Thermostats

The ST-TY series of wall mounting thermostats are suitable for heating and/or cooling and frost protection applications.

- Features**
- Tamper proof option
  - Bi-metallic switch mechanism for reliability

### STY-TY Series

Thermostat Type	Range	Part No.	Price Each
Heating	5 to 35°C	<b>ST-TY90C1</b>	£9.25
Frost	-5 to 15°C	<b>ST-TY90C1F</b>	£10.50
Heating or cooling	5 to 35°C	<b>ST-TY90C3</b>	£12.50
(Tamper proof)	5 to 35°C	<b>ST-TY90C3T</b>	£10.50



### Motorised Spring Return Valves

230VAC 6W power consumption, Auxiliary microswitch 3A - 250VAC. Max amp temperature 60° media temperature 5 to 88°C

#### Zone Valves 2-Port

Description	Part No.	Price Each
22mm Compression	ZV22	£42.00
28mm Compression	ZV28	£46.00
3/4" BSP female	ZV3/4	£42.00
1" BSP female	ZV1	£46.00

#### Diverter Valves 3-Port

Description	Part No.	Price Each
22mm Compression	ZVD22	£44.00
28mm Compression	ZVD28	£48.00
3/4" BSP female	ZVD3/4	£44.00
1" BSP female	ZVD1	£48.00

#### Mid-Position Valves 3-Port

Description	Part No.	Price Each
22mm Compression	ZVM22	£44.00
28mm Compression	ZVM28	£48.00
3/4" BSP female	ZVM3/4	£44.00
1" BSP female	ZVM1	£48.00

### Accessories

#### Replacement Head

Fit Valve Types	Part No.	Price Each
2 - Port Zone Valves	HZV	£44.00
3 - Port Diverter valves	HZVD	£48.00
3 - Port mid-position Valve	HZVM	£44.00

#### Synchron Motor

Description	Part No.	Price Each
Standard Universal Motor	SM1	£10.00



### Digital Timers

Electronic 2 zone timers with digital display and linked heating and hot water time programmes, for hydronic central heating applications.

#### Features

- 230VAC
- SPDT output

ST699/799 time controls have built-up startup programme, temporary override facilities, and choice of AM/PM or 24-hour clock display. ST799 model has LCD backlighting. Clock functions Type

#### ST699/799 Series

Clock Function	Part No.	Price Each
1 day	ST699B1002	£79.78
7 day	ST799A1003	£85.12

### Digital Timers

Electronic 1 and 2 zone timers with digital display. For hydronic central heating and other time control applications. ST6000 time controls have built-up startup programme, temporary override facilities, and choice of AM/PM or 24-hour clock display.

#### Features

- 230VAC
- SPDT output

#### ST6000 Series

Modes of operations	Clock functions	Number of outputs for zones	Programmed on/off periods per day	Independent zone programmes	Hot Water or Heating + Hot Water switch	Part No.	Prices Each
Off, auto, once & continuous	1 day	1	3	-	-	ST6100A1001	£47.24
	7 day	1	2	-	-	ST6100C1009	£55.32
continuous	1 day	2	2	-	-	ST6300A1007	£66.80
	7 day	2	3	Yes	-	ST6400C1003	£72.18
off, HW, HW+CH	1 day	2	2	Yes	-	ST6400A1005	£66.78
	1 day	2	2	-	Yes	ST6200A1009	£51.26

