

TECHNICAL SPECIFICATION

■ Cylinder Thermostat

Voltage	230V 50Hz
Switch type	Single pole double throw (SPDT)
Switch rating	5 (1) A
Differential	9°C Approx. (Non-adjustable)
Temperature setting range	40°C to 90°C
Temperature sensing element	Bimetal
Dimensions	W 95.0 x D 32.7 x D 42.0
Cable length	1.5 m

■ Auto By-Pass Valve SBV 33

Working Pressure	16 Bar Max
Working Temperature	100°C
Connections	22mm compression
Range	0.05 Bar to 0.5 Bar Differential Pressure

■ 2 Port Motorised Valve

Motor rating	230 V 50Hz
Max ambient Temperature	52°C
Switched Live Output	230V 3(1.3) Amps
Max Water Temperature(cont.)	93°C
Min Water Temperature	2°C
Max Internal Pressure	10.5 Bar
Min Differential Pressure	1.06 Bar
Flow Rate 22mm: Port A or Port B	8.9Kv

■ 3 Port Motorised Valve

Motor rating	230 V 50Hz
Max ambient Temperature	52°C
Switched Live Output	230V 3(1.3) Amps
Control Medium	Low Pressure
Max Water Temperature(cont.)	93°C
Min Water Temperature	2°C
Max Internal Pressure	10.6 Bar
Min Differential Pressure	0.7 Bar
Flow Rate 22mm: Port A or Port B	8.7Kv
Mid Position	10.9Kv

■ Wiring Centre SWC 2202

10 way terminal block	230V 10 amp
Material	Fame retardant ABS white
Dimensions	W 155 X D 40 x D 85
Temperature	40 deg c
Suitable for fixed wiring	
Top, bottom left/right and rear cable entry	

■ Pump

Voltage	230V AC , 50 Hz
IP rating	44
Thread	1½"
Motor Class	F
Speed	1450 to 2200
Capacitance	2.6uF
VDB	400
Approvals	BS EN60335-1 BS EN60335-2-51

■ Cable

Conductors:	24/02mm plain annealed copper
Insulation:	Heat Resisting PVC, 0.6mm nominal thickness
Construction:	Cores twisted together
Sheath:	Heat resisting PVC, 0.9mm nominal thickness
Rated voltage:	300/500
Operating Temp:	90 Deg. C continuous
	BS 6141 table 15. (AFAA)
	All components designed to EN 60730

■ Connector

Voltage	600V AC
Current	9A
Connector Mating	1.55lb
Connector Unmating	4.88lb
Durability	50 Cycles on/off
Material	Nylon UL94V - 0

TLX4101



Select207XL



TLX9201



OTHER PRODUCTS

Sunvic are renowned for their full range of central heating controls; room thermostats; programmers; motorised valves and accessories. Contact us for a copy of our latest catalogue or visit our website for further information: www.sunvic.co.uk



THE REVOLUTIONARY NEW PLUMBING SYSTEM

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The Company reserve the right to change the specification without prior notice - Document Reference C 1 1006



The Plug-it pack from Sunvic Controls has been designed with the installer firmly in mind. The truly unique time saving product minimises the need to hard wire component parts of the domestic central heating system by pre-wiring key items such as the motorised valve, cylinder thermostat and circulating pump.



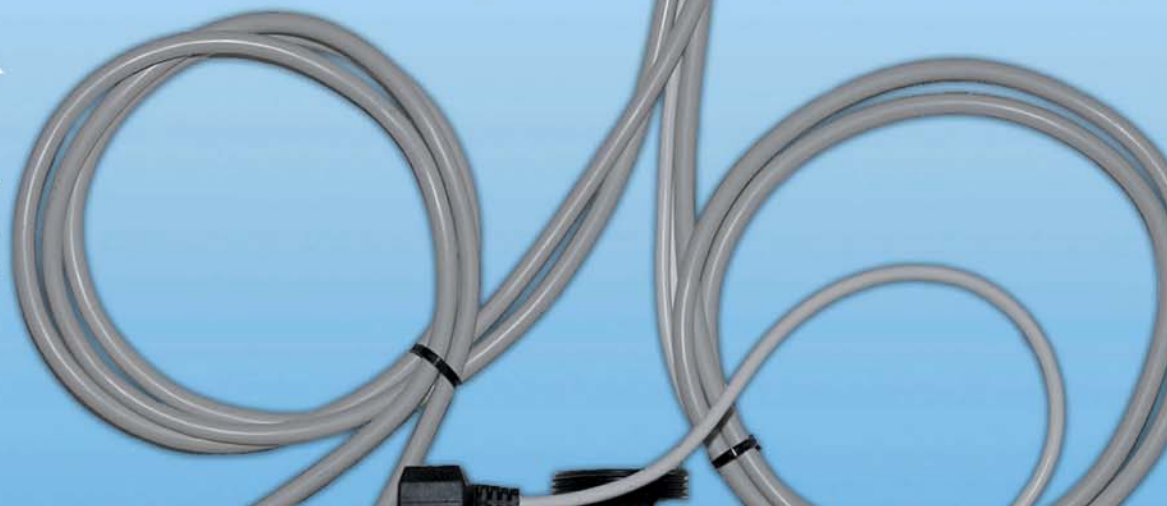
MOTORIZED VALVES

Sunvic Motorised valves are available in Motor on/Motor Off energy saving technology or standard spring return models. They are designed and manufactured in Scotland to the highest standard and provide long lasting reliability and outstanding performance. All actuators are replaceable without draining down the system.



WIRING CENTRE

The Sunvic 10 way wiring centre is moulded in an attractive white high quality flame retardant ABS finish and pre-wired to include cable lengths terminated with colour coded connectors.



CYLINDER THERMOSTAT

The surface mount cylinder thermostat comprises of a single pole double throw micro gap switch, suitable for loads up to 5A 250V.



PUMP

High quality Wilo domestic circulator pump. 130mm port to port with 1/2" BSPM connection and 6 metre head.



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- Fast and easy to fit
- Reduces installation costs
- Standard UK Mains Voltage
- Unique Colour Coded Plug Connectors

Sunvic offers the flexibility to choose your own pack type by defining which items are included. Choose the valve type [motorised or energy saving/S or Y plan], choose a thermostat type and choose a pump option.

TYPICAL STANDARD PACK CONTENTS:

Contents	Twin Unival Energy Saving Plug-it Pack	Twin Unival SR Plug-it pack	Unishare Energy Saving Plug-it Pack	Unishare SR Plug-it Pack
2 Port Energy Saving Motorised Valves	■ x 2			
2 Port Spring Return Valves		■ x 2		
3 Port Energy Saving Motorised Valve			■	
3 Port Spring Return Valve SBV33 Auto				■
By-pass Valve Room Thermostat TLX4101 (2 Wire Volt Free Option) Or TLX9201 (3 Wire Option)	■	■	■	■
Select207XL Programmer	■	■	■	■
Wiring Centre	■	■	■	■
Cylinder Thermostat	■	■	■	■
Circulator Pump	■	■	■	■

Contact Sunvic Controls to find a Plug-it time saver suitable for your needs.