Energy Saving Innovative Controls Limited

ESCTDE

Electronic Dual Cylinder Thermostat

- Energy saving product
- Accurate temperature control
- Clear and informative LCD display
- Red LED indicates calling for heat
- Weekly one hour "boost" kills legionella bacteria
- Pre-set limit/safety thermostat prevents overheating
- Concealed manual over temperature reset
- Wide user defined temperature range
- Large clear adjustable dial
- Double insulated
- Simple to use and quick to install

Electronic Dual Cylinder Thermostat

The ESi Controls Electronic Dual Cylinder Thermostat* is a revolutionary new energy saving product, developed exclusively by ESi Controls.

The Hot Water can be stored at any desired temperature between 25°C and 65°C, with the confidence that the weekly automatic one hour 'boost' to above 60°C kills any legionella bacteria, resulting in substantial energy saving.

The LCD display shows the current water temperature and the user defined water temperature, whilst the red LED indicates that the unit is calling for heat. The sensitive electronic sensors operate at a far greater accuracy than conventional oil filled mechanical dual thermostats, and do not need physical contact unlike traditional dual cylinder thermostats.

The large dial makes it easy to set the required controller temperature (between 25°C and 65°C), whilst the second (limit) thermostat is pre-set to 80°C with a concealed manual reset, to comply with building regulations.

The unit is double insulated and easy to install and is an economical replacement for traditional mechanical dual cylinder thermostats, with real safety and energy saving benefits.

* Patent Pending

Technical Data

Electronic Dual Cylinder Thermostat	ESCTDE
Power Supply	230VAC 50-60Hz
Switch Action	SPDT (control), SPST (limit)
Temperature Setting Range	25°C to 65°C
Automated "Boost"	Once per week, > 60°C for one hour
Limit Thermostat	80°C with concealed manual reset
Tolerance	< 1°C
Switching Differential	2°C
Dimensions	L108mm x H90mm x W54mm
Complies With:	EMC (89/336 & 92/32 EEC) BS EN 60730-1:2000, BS EN 60730-2:9: 2002.
	LVD (73/23/EEC) (93/68/EEC) (93/68/EEC) BS EN 60730-1: 2000,
	BS EN 60730-2-9:2002

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