

550 ECS

MAIN FEATURES

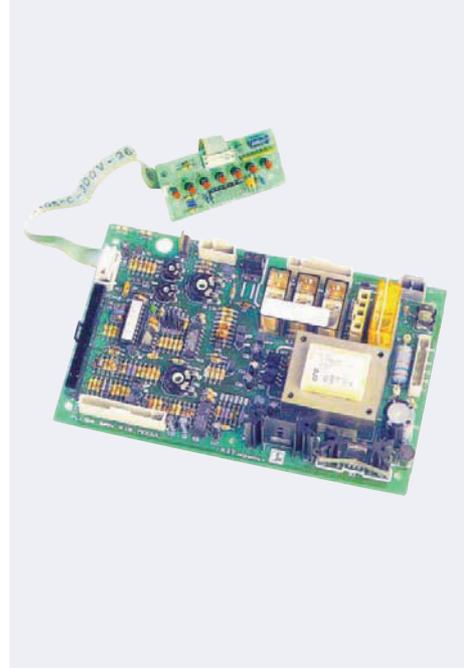
SIT 550 ECS range of SIT Electronic Control System units are specifically designed to those applications which require a precise temperature control.

These units are particularly suitable for controlling the operation of domestic gas boilers that produce hot water for sanitary and central heating purposes.

The ECS units are capable of controlling the water pump, motorized three way valve and all the other electrical functions of the boiler including the gas supply valve or the Electronic Flame Devices, as applicable.

The use of a highly reliable microcontroller and different software routines allows the quick writing of the boiler's programme which is simple to test and modify.

The advanced hardware and software design of the boards assure a high immunity against electro magnetic interference.



CODES

Codes	Working temperature [°C]	Supply voltage	Application (*)	Dimensions [mm]	Modulating coil supply (max)
0550001	0 - 60	230V-50Hz	A	187x118x41	16V 310 mA
0550002	0 - 60	230V-50/60Hz	B	187x118x46	16V 310 mA
0550003	0 - 60	230V-50/60Hz	B	130x60x35	/
0550004	0 - 80	230V-50Hz	B	187x110x46	16V 310 mA
0550005	0 - 80	230V-50Hz	B	187x110x46	16V 310 mA
0550010	0 - 60	230V-50Hz	A	/	16V 310 mA
0550011	0 - 60	230V-50/60Hz	A	/	16V 310 mA
0550012	0 - 60	230V-50Hz	B	/	16V 310 mA
0550013	0 - 60	230V-50Hz	A	/	16V 310 mA
0550014	0 - 60	230V-50/60Hz	A	/	16V 310 mA
0550017	0 - 60	230V-50/60Hz	A	/	/
0550024	0 - 60	230V-50Hz	A	190x152	16V 310 mA
0550025	0 - 60	120V-50/60Hz	B	190x152	16V 310 mA
0550026	0 - 60	230V-50/60Hz	B	187x118x50	/
0550027	0 - 60	230V-50/60Hz	B	187x118x46	17V 165 mA
0550029	0 - 75	230V-50Hz	B	162x152x50	16V 310 mA
0550030	0 - 75	230V-50Hz	B	/	270mA +20mA
0550032	0 - 60	230V-50Hz	B	188x118x53	28V 165 mA
0550035	0 - 60	230V-50/60Hz	B	135x94x35	16V 165mA

(*) A: Wall hung boiler with thermoelectric or electronic ignition

B: Wall hung boiler with electronic ignition

