ELECRO ENGINEERING

Unit 3, G-Park, North Road, Stevenage,
Hertfordshire SG1 4GY
Sales@elecro.co.uk | +44 (0) 1438 749474
www.elecro.co.uk

MADE IN ENGLAND

HEATSMART & KOOLSMART PLUS

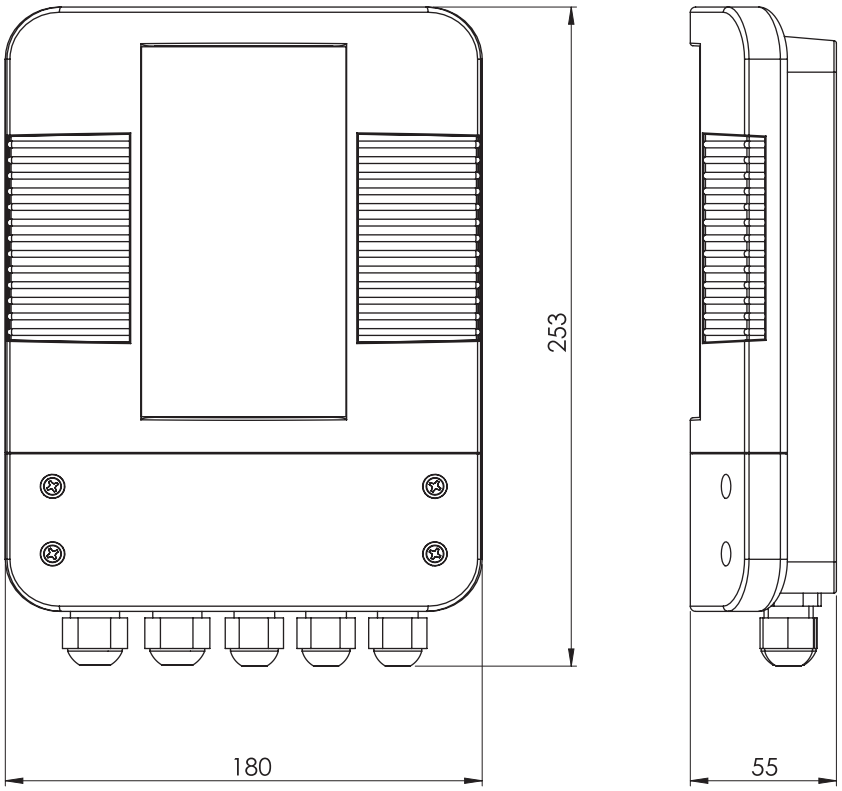
The perfect addition for all Elecro heat exchangers - A touchscreen heating or cooling controller with built in flow switch and temperature sensor for safe operation. Both products are available with or without a Grundfos booster pump.

For connectivity, please refer to your device manual.

FEATURES

- Smart touchscreen display
- BMS (Building Management System) Integration Ready
- Multi-lingual interface
- Programmable 24-hour time clock (4 time zones)
- Smartphone connection via Wi-Fi, 4G or Cloud
- Flow switch and temperature sensor ports
- Accurate control to 0.5°C
- Diagnostic display
- 1m long flow switch
- 1m long temperature sensor

TECHNICAL DRAWINGS



ACCESSORIES (Included)

FLOW SWITCH

TEMPERATURE SENSOR

GRUNDFOS BOOSTER PUMP

(PSPC-HE-GP and KSPC-HE-GP only)

SPECIFICATIONS

POWER SUPPLY	Single phase 100-277V
AVAILABLE MODELS	Heating only Cooling only
CONTROL THERMOSTAT	Digital: 0 > 45°C (0.5°C differential)
TEMPERATURE SENSOR	1 metre long (thermistor 103AT-2, R25=10K B=3435K)
FLOW SWITCH	Rhodium tipped reed switch with titanium fulcrum pin
INTERNATIONAL PROTECTION MARKING	IP44
FREQUENCY	50/60Hz
MOUNTING	Wall mounting
OPTIONAL ACCESSORIES	Grundfos Booster Pump

MODELS

PRODUCT CODES	DESCRIPTION	OUTPUTS	ACCESSORIES	NET WEIGHT	GROSS WEIGHT	VOLUME
				kg	kg	m^3
PSPC-HE	Controller	Volt free heating output, volt free filtration pump output and 220-240V booster pump output	1 metre long flow switch 1 metre long temperature sensor	0.82	1.45	0.009
PSPC-HE-GP	Controller with Grundfos booster pump	Volt free heating output, volt free filtration pump output and 220-240V booster pump output	1 metre long flow switch 1 metre long temperature sensor and 1" BSP female/female brass adapter	2.58	3.4	0.017
KSPC-HE	Controller	Volt free cooling output, volt free alarm* output and 220-240V booster pump output	1 metre long flow switch 1 metre long temperature sensor	0.82	1.45	0.009
KSPC-HE-GP	Controller with Grundfos booster pump	Volt free cooling output, volt free alarm* output, and 220-240V booster pump output	1 metre long flow switch 1 metre long temperature sensor and 1" BSP female/female brass adapter	2.58	3.4	0.017

*Alarm activated when in aquatic mode