

# HEATSMART & KOOLSMART PLUS

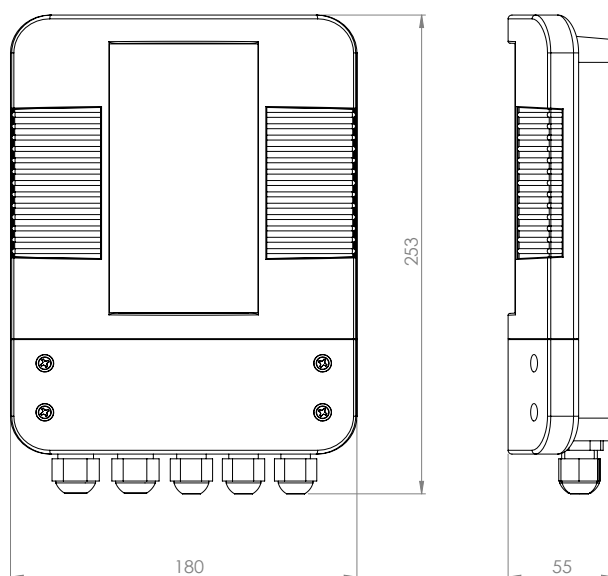
Touchscreen Heating or Cooling Controller for heat exchanger, comes with flow switch and temperature sensor and as an option with booster pump.



## FEATURES

- Smart touchscreen display
- BMS (Building Management System) Integration Ready
- Multi-lingual interface
- Programmable 24-hour time clock (4 time zones)
- Flow and temperature sensor ports
- Accurate control to 0.5°C
- Diagnostic display

## TECHNICAL DRAWINGS



# AVAILABLE AS POOL HEATING OR HEAT EXCHANGER CONTROLLER WITH

## FLOW SWITCH AND TEMPERATURE SENSOR



## GRUNDFOS BUSTER PUMP



## SPECIFICATIONS

<b>POWER SUPPLY</b>	Single phase 100-240V
<b>AVAILABLE MODELS</b>	Heating only Cooling only
<b>CONTROL THERMOSTAT</b>	Digital: 0 > 45°C (0.5°C differential)
<b>TEMPERATURE SENSOR</b>	1 metre long (thermistor 103AT-2, R25=10K B=3435K)
<b>FLOW SWITCH</b>	Gold tipped reed switch with titanium fulcrum pin
<b>INGRESS PROTECTION RATING</b>	IP44
<b>FREQUENCY</b>	50/60Hz
<b>MOUNTING</b>	Wall mounting
<b>OPTIONAL ACCESSORIES</b>	Grundfos Booster Pump

## MODELS

PRODUCT CODES	DESCRIPTION	OUTPUTS	ACCESSORIES	NET WEIGHT	GROSS WEIGHT	VOLUME
				kg	kg	m <sup>3</sup>
PSPC-HE	Heat Exchanger Controller	Volt free heating output Volt free filtration pump output 220-240V Booster Pump output	1 metre long flow switch 1 metre long temperature sensor	1.0	1.6	0.013
PSPC-HE-GP	Heat Exchanger Controller	Volt free heating output Volt free filtration pump output 220-240V Booster Pump output	Grundfos Booster Pump 1 metre long flow switch 1 metre long temperature sensor	2.7	3.5	0.021
KSPC-HE	Heat Exchanger Controller	Volt free heating output Volt free alarm pump output	1 metre long flow switch 1 metre long temperature sensor	1.0	1.6	0.013
KSPC-HE-GP	Heat Exchanger Controller	Volt free heating output Volt free alarm pump output	Grundfos Booster Pump 1 metre long flow switch 1 metre long temperature sensor	2.7	3.5	0.021