spirax sarco

Universal Control Panel incorporating SIMS™ Technology

Description

The universal control panel incorporating SIMS™ technology has been designed for installation to a variety of packaged heat exchanger systems. Due to the versatility in pre-programmed controls logic it can operate with a range of different heat exchanger models and configurations.

SIMS™ technology sets the standards in monitoring, diagnostics and communications for packaged systems. Delivering meaningful system performance data from enabling it to intelligently control and optimise a system.

Features and Benefits:

Different selectable heat exchanger options
Single panel to provide flexibility for packages

Touch screen interface
Easy to view and navigate

Live trending / diagnostics
Instant visibility of package performance

Communications
Compatible with most customer interfaces

Pre-configured controls logic
Multiple array of configurations to suit package design

Approvals and Compliance:

- UL Approval
- CUL Approval
- CE Approval
- EN12828 Compliant
- EN14597 Compliant
- BS EN 61439

Available options:

- R1 - SMS or text alert
- R2 - Remote access
- Communications protocols
- Independent alarm

Dimensions and weights (approximate)

Height	Width	Depth	Weight
900 mm	450 mm	200 mm	43 kg

Electrical specifications

Electrical supply: Refer to the name-plate on the unit

Control panel supply voltage	110 Vac/60 Hz
	240 Vac/50 Hz
Control panel load requirements	Internally fused at 5 amps
Electrical control actuator	24 Vac
	4 - 20 mA control
Pneumatic control actuator	-
	4 - 20 mA control
High Limit isolation valve (optional)	24 Vac
Steam flowmeter TVA (optional)	4 - 20 mA control
PT100 temperature sensors	3 wire

Note: Power supply 10 - 16 A

Electrical supply

All electrical wiring and connections should be carried out in accordance with National Regulations.

A lockable isolator / switch disconnect should be fitted adjacent to the unit.

Mains supply is directly connected to the primary side of the incoming control panel isolator.

Compatible with hundreds of configurable variations

The Universal Control Panel with SIMS™ technology, offers increased monitoring and control capabilities to a huge range of technologies - A few of which are shown below:

View your system status from anywhere in the world

Alarms sent directly to your smart phone

Hardwired or wireless communication options available

Universal control for multiple technologies

Plate & frame	Shell & plate	Turflow	'U' tube	Shell & coil

Steam side heating

Steam side domestic hot water

EN 12828

Bypass steam control

Bypass condensate control

Condensate control

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