

CAREL ELECTRONIC CONTROLLERS

PHASE SEQUENCE CONTROLLERS

RSF Phase Sequence Controller

Airefrig Part Number	RSF077D000
Power Supply	220 Vac
Changeover contact output relay	240 Vac - 8A
Response Time	80 ms
Consumption	0.8 VA
Dimensions	2 DIN modules (87 x 60 x 36 mm)
Index of protection	IP40
Mounting	DIN rail

This electronic device measures the correct sequence and presence of phases L1, L2, L3 at input. It is fitted with an output relay with changeover contacts.



Controller pricing

Airefrig Part Number	RSF077D000
List Price - Ex GST	\$142.83

ANTI SWEAT HEATER CONTROL

ACC is a microprocessor controller that is used to prevent the formation of condensate on cold surfaces, such as display case windows, measuring the dewpoint and consequently heating the cold surface so as to maintain the temperature above the dewpoint. Heating is performed by controlling the voltage applied to door heaters, using phase control integrated into the device.

ACC Anti-sweat Heater Control

Airefrig Part Number	ACC0082100
Power Supply	230 Vac
Analogue Outputs	1 ph control, 0 to 230Vac single-ph, 8A
Analogue Inputs	1 x 0 to 10V, 2 x NTC
Digital Inputs	1
Serial Outputs	1 standard RS485
Dimensions	140 x 135 x 90 mm
Index of protection	IP43

The controller has the following characteristics:

- Dewpoint calculation
- Manual offset setting
- Programmable digital input (alarm or enabling signal)
- Master / Slave function
- Serial interface for connection to supervisory systems or local network



Controller Pricing

Airefrig Part Number	ACC0082100
List Price - Ex GST	\$565.41

Accessories for ACC

Airefrig Part Number	Description	List Price Ex GST
NTC060WG00	Glass temperature probe -50 to +105 °C	\$76.68
DPWC115000	Wall mount temperature and humidity probe 0 to 50°C (NTC) & 10 to 90 %rH (0-10V) (replaces ASWC115000)	\$334.74

FLOOD DETECTION MODULE

The FLOS* flood detector is an electronic device complete with sensor probe designed to detect the presence of water and consequently signal the alarm. The device is typically installed inside the electrical panel, while the probe should be located in the zone being controlled.

FLO Flood Detection Devices

Airefrig Part Number	Description	List Price Ex GST
FLOE000010	Flood controller 24V DIN rail mount	\$288.81
FLOR000000	Flood sensor tape (Roll of 25m)	\$703.05
FLOS000000	Flood sensor	\$71.01

