

Resource
Data Management

SmaRt Coldroom

Economical cold room temperature control

SmaRt Coldroom (PR0946) is self-contained and low-cost; it's perfect for economical installations where affordable temperature control is the primary function and networking is not necessarily a requirement.

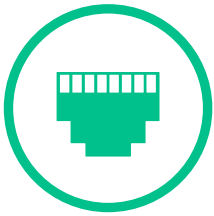
Features

- Two temperature probe inputs
- A door switch input
- Person trap alarm input
- Four fused relay outputs
- A built-in temperature and configuration display with notification LEDs, keypad, and alarm sounder
- Optional 40amp isolator switch
- Three selectable built-in configuration modes

Benefits

- Highly economical pricing
- Clear and concise user interface
- Can be mass configured with an RDM SmaRt Caesium Key (sold separately)
- Energy saving features built in
- Quick and easy set up
- Can be connected to a DMTouch (with add on products)





Accessories to Match your Requirements

For those who need their SmaRt controller to do a little more, we provide a group of functionality enhancing accessories including the Mercury Switch, Caesium Programming Key and Networking Modules.



Safe and Energy Efficient

SmaRt Coldroom is available with or without a mains isolation switch as well as with built in circuit fusing. The panel also comes with a host of energy saving features including configurable lighting, built-in alarm buzzer, defrost skip, and fan pulse.

Ordering Information

Description	Part Number
SmaRt Coldroom Controller (excluding isolator)	PR0946 N
SmaRt Coldroom Controller (including isolator)	PR0946 S

Description	Part Number
SmaRt Communication Cable	PR0949
Display Cable 0.75m*	PR0129-0.75M
Display Cable 1m*	PR0129-1M
Display Cable 5m*	PR0129-5M
Mercury Switch	PR0018
SmaRt RS485 Communication Module DIN mount	PR0945
SmaRt IP Communication Module DIN mount	PR0944

Note: Display cable supplied with the SmaRt Coldroom is 0.4m. For remote mounting capability, please purchase an extended length cable from the accessories table above.

Technical Specifications

Feature	Specification
Inputs	2 NTC2K temperature probe inputs.
Relay Outputs	4 fused relay outputs. Maximum relay current: 12.5 Amp resistive load. 8 Amp inductive load. COS =0.4 Switched output voltage: Same as supply voltage Relay terminals: 2.5mm CSA
Power	100-240Vac +/-10%, 50-60hz
Environmental	Operating Temperature: 5°C to 50°C (41°F to 122°F) Storage Temperature: -20°C to +65°C (-4°F to 149°F) Operating Humidity: 10% to 80% (non-condensing)
Dimensions	(H x W x D) 300 x 240 x 140mm (11.82 x 9.45 x 5.51in)
Weight	1.6kg (5.52lb)
Warranty	2 year limited warranty

