



### Applications

- Designed to install at cooling chamber (chiller, refrigerator, freezer, etc) to maintain the internal temperature in the case of power failure
- The system injects CO<sub>2</sub> gas into the chamber automatically when the temperature increases above the preset value

### Features

- Applicable to most of the cooling and freezing chamber
- High Temperature Alarm and limit can be set according to user's requirement
- Power Failure Alarm
- Microprocessor control and Digital display to 0.1°C
- Back-up memory system protects the preset temperature value during power failure
- Internal Offset function available for adjustment purpose and to align with the chamber's temperature
- Integrated with backup battery to operate continuously up to 48hours in the case of power failure
- With built-in Remote Alarm Terminal

### Specification

Model	QRCO2
Controller	PID controller
Sensor type	PT 100
Sensor's temperature withstand range	-100°C to 100°C
Temperature Setting Range	-86°C to 20°C
Alarm Condition	High-Alarm Low-Alarm Power Failure Alarm
Setting and display	Digital, display to 0.1°C
Power consumption	50W
Backup Battery	12V
Dimensions (mm)	310mm(W) X 320mm(D) X 130mm(H)
Voltage	240 VAC, 50Hz
Weight	5 kg
Outputs	Ancillary Output Remote Alarm Terminal
Excluded	CO <sub>2</sub> gas tank
Optional	GSM Auto-Dialer System