

Built in Controller & Fans

Controller

Parameter	Specification
Control temperature range	-50°C ~ 90°C (adjustable)
Control temperature difference	0.3°C ~ 10°C (adjustable), resolution 0.1°C
Temperature measuring range	-50°C ~ 90°C
Accuracy	± 1°C (-50°C ~ 70°C)
Compressor delay protection	1 ~ 10 minutes (adjustable)
Operating temperature	0°C ~ 60°C
Storage temperature	-30°C ~ 75°C
Operating relative humidity	20 ~ 85% (no condensation)
Alarm output	Buzzer
Power supply	12V DC
Power consumption	3W

Fans

Parameter	Specification
Dimensions	80mm x 80mm x 25mm
Voltage	12V
Cooling method	Air
Airflow design	Flow Acceleration Channels and Advanced Acoustic Optimisation frame for superior quiet cooling
Noise level	17.7 dB
Speed range	450 - 2200 RPM
Max rotational speed	2200 RPM
Air flow capacity	55.5 m³/hour

All technical specifications are subject to change without prior notice. © Multibrackets 2026.