



ELECTRONICS COOLING

THERMOSIPHON HEAT EXCHANGE



DC 150

Controller

- Built-in digital controller – Dantherm CC1 controller, temperature sensor placed on control board
- Energy saving control strategy. Fans are controlled with unique, stable RPM independent of supply voltage fluctuations
- Configuration parameters stored in on-board, non-volatile memory. Configurable digital in/outputs
- Regulates internal and external fans to achieve optimum inside temperature at minimum power consumption

Applications

- Radio base stations
- Telecom shelters
- Electronics enclosures and power supply rooms
- Network and computer rooms
- Drive stations
- Automation control cabinets and Telecom cabinets
- Hybrid Telecom sites



Features

- Closed loop cooling
- Corrosion-proof components

Operation modes

- Main cooling mode with dynamic, step-less fan speed control
- Power save, boost, emergency cooling, self-test

Communication, alarms and surveillance

- Two galvanically insulated alarm outputs – high and low temperature, fans, temperature sensor function

Built-in safety

- Leakage, voltage and function test from factory
- Reverse polarity protection
- Inrush current limiter

Easy installation

- Installation cable provided
- No need for cooling technician
- No soldering or refrigerant filling on site

Specifications	Units	DC 150
Operational temperature range	°C	-33 - +55
Storage temperature @ 95% RH	°C	-40 - +70
Sound level @ 2m	dB(A)	64
Refrigerant		R134a
Cooling capacity W/K	W/K	150
Cooling capacity at Δt of 10°C e.g. 40°C internal and 30°C ambient	W	1500
Internal air flow	m ³ /h	1000
External air flow	m ³ /h	1100
Max. power consumption	W	200
Input voltage range	VDC	36-57
Product size (h x w x d)	mm	790 x 540 x 318
Weight	kg	35

Get In Touch

- Call: 0845 6880112
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH