

“Blizzard Series” Convection Heater User Instructions

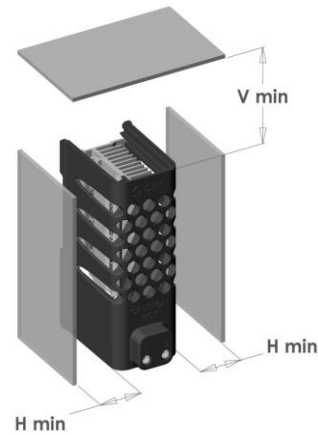
Product Description

DBK Blizzard heater series are a range of convection heaters incorporating self limiting heater technology for energy efficient and accurate climate control inside equipment enclosures.

All products in this range are IP20.
 All products in this range are protection class II
 Operating voltage is 100 - 240 V
 All powers measured at 10°C ambient temperature

Application

- For use inside equipment enclosures to prevent condensation and provide climatic control.
- For use inside Industrial cabinets to prevent condensation and provide climatic control.



Installation

- Installation by trained personnel only
- Mount the heater by attached DIN rail clip
- This is a high performance heater. Please leave horizontal and vertical clearance $H / V = 20 / 50\text{mm}$ for heater type “L”, and $H / V = 20 / 500\text{mm}$ for heater type “H” for optimized natural convection and avoid placing directly below heat sensitive components.
- Check the labelling of the heater before connecting to the power supply and take care to satisfy laws and regulations
- Do not allow electrical wires to come into contact with the body of the heater or directly in front of the hot air outlet.
- Do not mount the heater near any flammable materials.
- A means for disconnection must be provided in the fixed wiring of the system. This must have a contact separation of at least 3mm in all poles, and shall be incorporated in accordance with wiring regulations.
- This equipment should be protected by a Time delay “T” fuse to avoid false tripping due to cold starting.

Operation

Connect Europa terminal block to live and neutral.

Heater Type	Power (measured at 10°C)	Suggested fuse rating (time delay) 110 V / 240 V
Blizzard 50L 20W	20 W	2 A
Blizzard 200L 30W	30 W	4 A
Blizzard 50H 40W	40 W	4 A
Blizzard 200 H 65W	65 W	6 A

Power at U<140V is ~10% reduced.

Maintenance

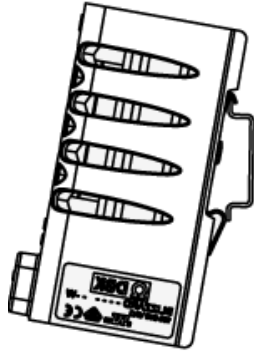
There are no user serviceable parts inside this unit. Disassembly should not be attempted.

Warnings

- Never work on live equipment.
- Do not touch the heater during operation, as it will be HOT.
- The heater will remain hot for several minutes after switch-off; let the heater cool down before removing or touching.
- Do not remove any attached adhesive labels.

DIN Mounting

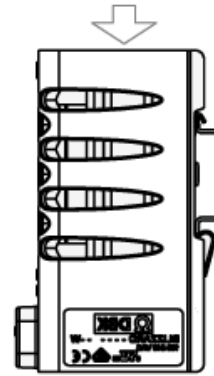
1. Hang up at the top



2. Lock into place at the bottom

DIN Demounting

1. Pull downwards



2. Demount in a slanted manner

Approvals

