

MMB-TEC-900 Thermoelectric cooler



a)



b)

Fig. 1. Front view – inside enclosure (a) and bottom view (b)

1. Features

- Do not require the use of chlorofluorocarbons - safe for the environment
- Meets NEMA 4 and IP68 (fan) specifications
- Ideal for medium to large-sized enclosures
- Reliable and virtually maintenance free
- All wiring is accessible from inside the enclosure
- Have ability to heat and cool by a simple reversal of current flow, which is useful for applications where both heating and cooling is necessary

2. Specifications

Maximum Cooling Power	900 W
Matched Power	45 V DC, 1500 W
Rated Voltage	45 V DC
Environments Served	NEMA 12 / IP 52 NEMA 4, 4X / IP 68 (Hot Side Fans)
Recommended for use with DCPS 1k5-48 DC Power Supply	

3. MMB-TEC-900 Performance Graph (removing heat from enclosure)

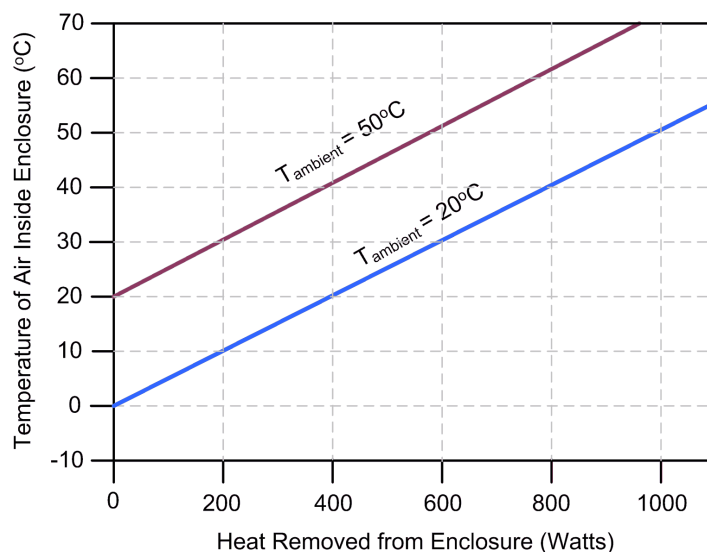


Fig. 2. MMB-TEC-900 performance lines

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How to read MMB-TEC-900 Performance Graph

The diagonal lines the cooling performance of MMB-TEC-900 Thermoelectric cooler at indicated ambient temperature (outside the enclosure). For different ambient temperatures between 20°C and 50°C new performance lines can be drawn. This can be drawn parallel to one of the existing lines, using the distance between the existing lines as a scale to properly locate the new line.

4. DIMENSIONS

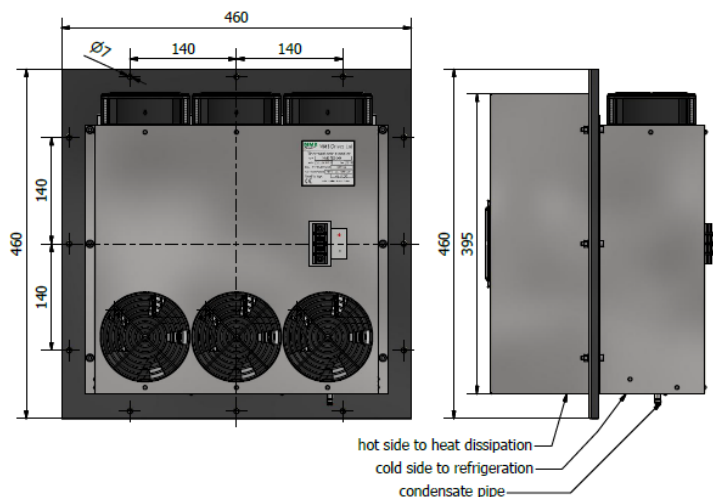


Fig. 3. MMB-TEC-900 dimensions in [mm]

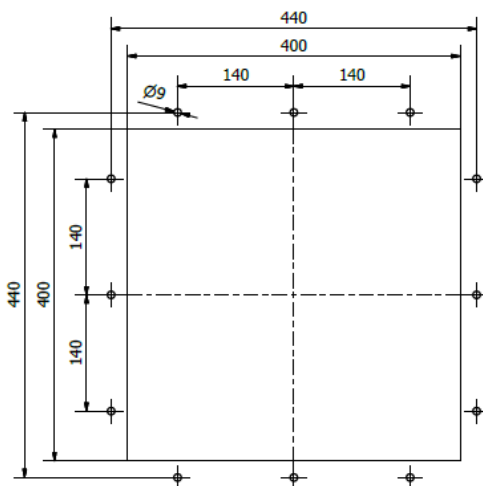


Fig. 4. Mounting hole dimensions in [mm]

Please contact MMB Control for 3D PDF and 3D models in .dwg or other CAD formats.