

MB 50 unit housing

Best thermal properties according DIN EN 1886



menerga
a systemair company

MB 50 unit housing

used for all units in the Menerga Air range



Relates to the Menerga Air design.
Check the validity of the certificate:
www.eurovent-certification.com or
www.certiflash.com

Measured values according to DIN EN 1886

Casing stability	D1 (M)
Air tightness -400 Pa	L1 (M)
Air tightness +700 Pa	L1 (M)
Filter bypass leakage	F7 (M), optional F9 (M)
Heat transfer	T2
Thermal bridge factor	TB1

Eurovent 2014

Use of the MB 50 housing	Unit standard	Menerga Air
ThermoCond 19	-	●
ThermoCond 23	-	●
ThermoCond 29	-	●
ThermoCond 38	●	●
ThermoCond 39	●	●
Drysolair 11	-	●
Adcoolair 75	-	●
Trisolair 52/59	-	●
Dosolair 54	●	●
Adsolair 56/58	●	●
Resolair 62/66		●
Resolair 64/68	●	●
Sorpsolair 72/73		●
Adconair 76	●	●



Thermal insulation shell

The PUR thermal insulation shell reduces heat losses and hence energy expenditure. This means the best possible avoidance of thermal bridges, and virtually no condensation on the outside of the unit.

➡ Thermal bridge factor TB1

Unit cover

Unit cover as a dual-shell sandwich element with a frame profile around the edge. Panel thickness 50 mm. Inside and outside sheet panels galvanised with a polyester coating. Corrosion category III. Colour RAL 2004 or RAL 7035. Sheet thickness 0.75 mm, optionally 1.5 mm. Inspection glasses as required. All unit covers that can be opened have integrated, replaceable seals. Above a clear unit height of 1.3 m, this is designed as a door.

➡ Maximum leakproofness, Heat transfer T2

Hinges/fasteners

In areas requiring maintenance on the operating side, 180° 2D hinges with door fasteners are used. Door fastener with handle, in areas of overpressure with additional pressure relief and safety restraint to prevent bursting open. The door fasteners on doors with dangerous components can be locked (box spanner).

➡ Simple to use, highest safety level

Cover locks

In areas not requiring maintenance on the operating side, covers are secured with plastic clamp fasteners, which are applied to the exterior of the unit and do not penetrate the unit casing. Additional handles make handling easier.

➡ Lower leakage, simple to use

Profile design

Housing profile design made from galvanised steel, guaranteeing the highest stability.

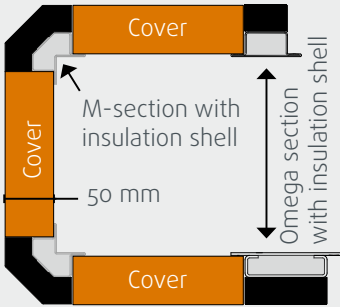
➡ Robust, durable design

Base

Circumferential base frame made from galvanised steel, standard height 120 mm. Other sizes also available. In the weatherproof design, welded base in a single piece or a few sections.

➡ Extremely durable

Design of the housing, view from above:



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