



Minimagic MMC

Benefits

- Slim silhouette for efficient use of cold room space
- Low air velocity and low noise for comfortable working conditions
- Energy efficiency:
+42% compared to market benchmark
- Reduce refrigerant charger:
-50% compared to market benchmark
- Casing in satinized aluminium
- Two-year product guarantee
- Easy access to on-line product information

General information & application

Minimagic is a commercial air cooler series for general application in small sized cooling and freezing rooms. All Minimagic models are characterised by a low silhouette for the efficient use of cold room space: only 14.7 cm.



Refrigerants

Capacity range (SC2 with R404)
Air quantity

340 up to 1,740 W
330 up to 1,020 m³/h

Coil

High-efficiency coil manufactured from internally grooved Cu tubes and aluminium fins. Maximized performance thanks to the high capacity TURBOCOIL[®] heat exchanger manufactured with internally grooved tubes and TURBOFIN[®] fins. Standard fin spacings 4.5 and 6 mm.

Casing

Durable aluminium alloy metallic casing.

Fan motors

1 or 2 fans fitted with AC fan motors Ø 254 mm, blowing through the coil. Power supply 230/50/1. Protection class IP 44.

Design pressure

Design pressure 24 bar. Fitted with schröder valve on the suction connection for testing purposes. Each heat exchanger is leak tested with dry air and finally supplied with a dry air pre-charge.

Optional features

- Coil corrosion protection:
 - pre-coated aluminium fins (AP)
- Electric defrost (E)
The stainless steel defrost elements are connected to dedicated terminal box.

Certifications

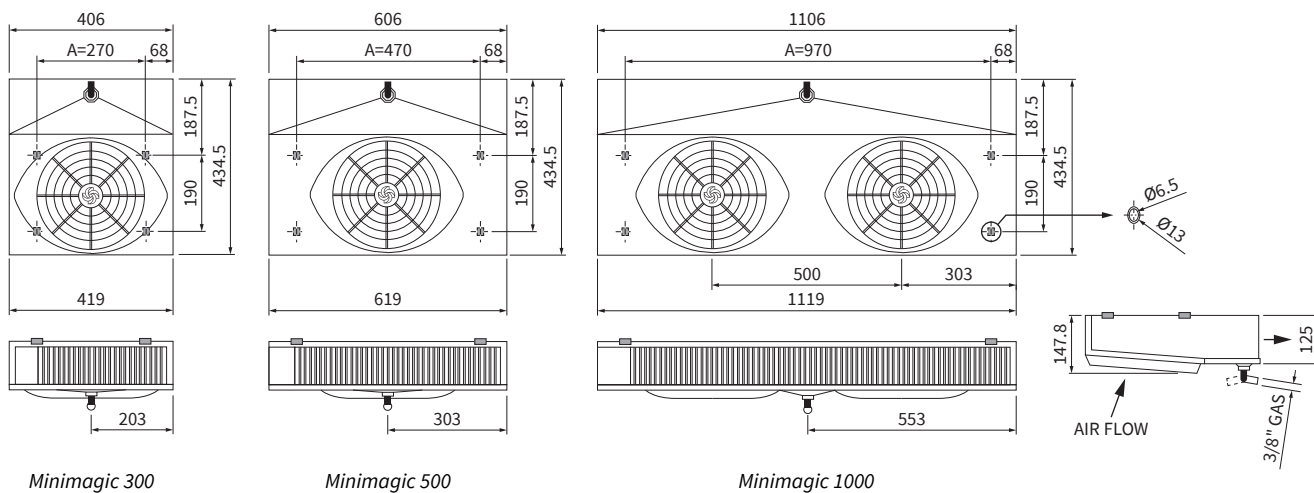
The LU-VE Exchangers quality system is in accordance with ISO 9001. All products are manufactured according to PED regulations.



Minimagic

Unit coolers for reach-in cabinet MMC

Dimensions



Minimagic 300

Minimagic 500

Minimagic 1000

Fin spacing 4.5 mm			MOD 300		MOD 500		MOD 1000	
Model	Type		MMC115	MMC116	MMC117	MMC118	MMC127	MMC128
Capacity (R404A)	TC 2,5 °C (ΔT1 10K)	W	530	720	900	1200	1930	2360
	TC 0 °C (ΔT1 8K)	W	390	530	660	880	1420	1740
Air quantity		m ³ /h	330	330	460	460	920	920
Air throw		m	4,1	4,1	4,5	4,5	5,2	5,2
External surface		m ²	1,8	1,8	3	3	6	6
Weight		kg	4,14	4,25	5,18	5,36	9,48	9,8

Fin spacing 6 mm

Model	Type		MMC215	MMC216	MMC217	MMC218	MMC227	MMC228
Capacity (R404A)	TC 2,5 °C (ΔT1 10K)	W	460	630	750	1030	1640	2090
	TC 0 °C (ΔT1 8K)	W	340	460	550	760	1210	1540
Air quantity		m ³ /h	370	370	510	510	1020	1020
Air throw		m	4,6	4,6	5,0	5,0	5,8	5,8
External surface		m ²	1,4	1,4	2,3	2,3	4,5	4,5
Weight		kg	3,98	4,1	4,93	5,1	8,96	9,28

COMMON DATA

	Fans	ø 254mm / n°	1	1	1	1	2	2
Motor power consumption 1~230 V 50 Hz	W		62	62	62	62	124	124
	A		0,4	0,4	0,4	0,4	0,8	0,8
Defrost E 230 V	W		240	240	370	370	700	700
Internal surface	m ²		0,1	0,1	0,2	0,2	0,4	0,4
Circuit volume	dm ³		0,2	0,3	0,3	0,5	0,6	0,9
Inlet/ Outlet connections	mm		10	10	10	10	10	10

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LU-VE Exchangers reserves the right to change specifications without prior notification.

