

UNIVAP MA Range



LIGHT COMMERCIAL EVAPORATOR

Capacities:

- (1) TL1 0°C, DT1 = 8K, R449A
- (2) TL1 -18°C, DT1 = 7K, R449A

Product description:

The UNIVAP MA is a light commercial evaporator range with 5.5 mm fin spacing.

Product features:

- ▶ Angular low profile casing
- ▶ Blow through coil
- ▶ 5.5 mm fin spacing
- ▶ Capacity range 1 - 4.5 kW SC2 R449A
- ▶ Double drip tray
- ▶ Optional field installation electric defrost kit
- ▶ Aluminium white powder coated casing (RAL9010)

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Exclusive distributor
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MA Range Evaporator

Model Range

Model	Capacity W		Air throw M	Connections		No. of fans	TXV Equal
	(1)	(2)		Inlet	Outlet		
MA 1	1,000	800	7	3/8"	3/8"	1	INT
MA 2	1,100	880	7	3/8"	3/8"	1	INT
MA 3	1,900	1,520	7	1/2"	5/8"	2	EXT
MA 4	2,300	1,840	7	1/2"	7/8"	2	EXT
MA 5	2,900	2,300	7	1/2"	7/8"	3	EXT
MA 6	3,400	2,720	7	1/2"	7/8"	3	EXT
MA 7	3,900	3,120	7	1/2"	7/8"	4	EXT
MA 8	4,500	3,600	7	1/2"	7/8"	4	EXT

Duty correction factors

Room temp°C	-30	-25	-20	-15	-10	-5	0	5
T.D.5K	0.54	0.55	0.57	0.58	0.6	0.61	0.63	0.73
T.D.6K	0.65	0.66	0.68	0.7	0.71	0.73	0.75	0.88
T.D.8K	0.87	0.87	0.9	0.93	0.95	0.98	1	1.17
T.D.10K	1.09	1.1	1.13	1.16	1.19	1.22	1.25	1.47

Refrigerants correction factors

R134a = 0.91	R407F = 1.03
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Electrical data

Common data	Unit	020M	030M	040M	050M	075M	100M	120M	150M
Fans	N x Ømm	1 x 250	1 x 250	2 x 250	2 x 250	3 x 250	3 x 250	4 x 250	4 x 250
Total input	Watts	70	70	140	140	210	210	280	280
230v-1Ph-50Hz	Amps	0.43	0.43	0.86	0.86	1.29	1.29	1.72	1.72
Electric defrost	Watts	600	600	1,200	1,200	1,800	1,800	2,400	2,400

Overall dimensions (mm)

Model	Length	Depth	Height
MA 1	605	533	270
MA 2	605	533	270
MA 3	970	533	270
MA 4	970	533	270
MA 5	1335	533	270
MA 6	1335	533	270
MA 7	1700	533	270
MA 8	1700	533	270