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EVAPORATIVE COOLING



Specialist Distributor:
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Get In Touch

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Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH





TRADEMARK ARMOIREBIO

DESIGNED AND LICENSED BY
sas bio-climatisation

FABRICATION AND MARKETING BY
MET MANN

10-year guarantee
for the polyamide structure
1-year guarantee
for other components

**Equipment rental with
option to buy available**

WHY MET MANN?

- 10-YEAR GUARANTEE ON THE POLYAMIDE EXTERIOR STRUCTURE AND 1-YEAR GUARANTEE ON OTHER COMPONENTS.
- WE ARE MANUFACTURERS AND CAN ADAPT PRODUCTS TO YOUR NEEDS.
- FULLY PERSONALIZED TECHNICAL AND COMMERCIAL CONSULTATION.
- WE GUARANTEE THE SUPPLY OF REPLACEMENT PARTS FOR AN UNLIMITED TIME.

DESIGN COOLER PREMIUM

ECOLOGICAL EVAPORATIVE COOLERS. 1,200 TO 5,000 M³/H

Our new DESIGN COOLER evaporative coolers are an ideal climate control solution for both open and enclosed areas, producing cool air in the summer and instant heat in the winter using infrared lamps. They are a completely versatile piece of equipment for interior or exterior climate control.

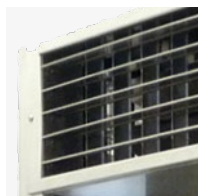
The products in this line are available in either RAL 7035 gray or full stainless steel. The heating system can be fitted with one, two or three 2,000W lamps, which are completely weather resistant thanks to their IP-65 protection.

These products are ideal for restaurants, canopy tents, auto shops, work areas, gardens, etc.

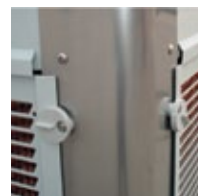
Their patented design has been created by the prestigious French firm BIO-CLIMITISATION with the trade name ARMOIREBIO, with these units being manufactured and sold by Met Mann. During the design and manufacturing process, we have maintained a philosophy focused on producing an aesthetically pleasing, high performance, and durable product that is easy to use and maintain.

Some of the manufacturing details include:

- Perimeter air discharge with double-deflection vents.
- Electrical panel with flow regulator included.
- Centrifugal, low-noise external rotor fan.
- Exterior structure with high-thickness polyamide water tray and interior attachments.
- AISI-304 stainless steel corner posts.
- High-performance cooling panels with metal grills painted RAL 7035 gray.
- Polyamide wheels to facilitate transport.
- Quick-connect system for attachment to water source.
- Manual drainage system.
- Option to be fitted with 1, 2 or 3 infrared lamps.
- Product manufactured by Met Mann under the French ARMOIREBIO trademark.



DOUBLE-DEFLECTION GRILLS ESPECIALLY DESIGNED FOR WIDER RANGE.



QUICK-OPENING APERTURES WITH HALF-TURN KNOB.



FRONT CONTROL PANEL.



OPTIONAL ADDITION OF INFRARED LAMPS FOR INSTANT HEATING.



QUICK-CONNECT SYSTEM FOR ATTACHMENT OF WATER SUPPLY HOSE.



NYLON WHEELS FOR EASY MOVEMENT.

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DESIGN COOLER PREMIUM



EXAMPLE OF INSTALLATION FOR COOLING IN SUMMER AND INSTANT HEAT IN WINTER USING INFRARED LAMPS.

DESIGN COOLER PREMIUM NATURAL COOLING

CODE	MODEL	AIR FLOW m³/h	COOLING PANEL THICKNESS mm	MIN. FLOW EFFICIENCY %	MAX. FLOW EFFICIENCY %	FAN POWER kW	PUMP POWER W	VOLTAGE FAN/PUMP
15010073145	ARMOIREBIO	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
15010073144	ARMOIREBIO INOX	1.200 ÷ 5.000	100	93	91	1,15	38	A/A

INOX VERSION: FULL AISI-304 STAINLESS STEEL STRUCTURE.

**SPECIAL NET PRICE
UNTIL END OF STOCK**



DESIGN COOLER PREMIUM NATURAL COOLING + INSTANT INFRARED HEATING

CODE	MODEL	AIR FLOW m³/h	COOLING PANEL THICKNESS mm	MIN. FLOW EFFICIENCY %	MAX. FLOW EFFICIENCY %	FAN POWER kW	PUMP POWER W	VOLTAGE FAN/PUMP
1 lamp 2.000W + Electrical panel								
150100731451L	ARMOIREBIO 1L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
150100731441L	ARMOIREBIO INOX 1L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
2 lamps 2.000W + Electrical panel								
150100731452L	ARMOIREBIO 2L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
150100731442L	ARMOIREBIO INOX 2L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
3 lamps 2.000W + Electrical panel								
150100731453L	ARMOIREBIO 3L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A
150100731443L	ARMOIREBIO INOX 3L	1.200 ÷ 5.000	100	93	91	1,15	38	A/A

INOX VERSION: FULL AISI-304 STAINLESS STEEL STRUCTURE.

VOLTAGE: A-230V/I/50HZ B-400V/III/50HZ

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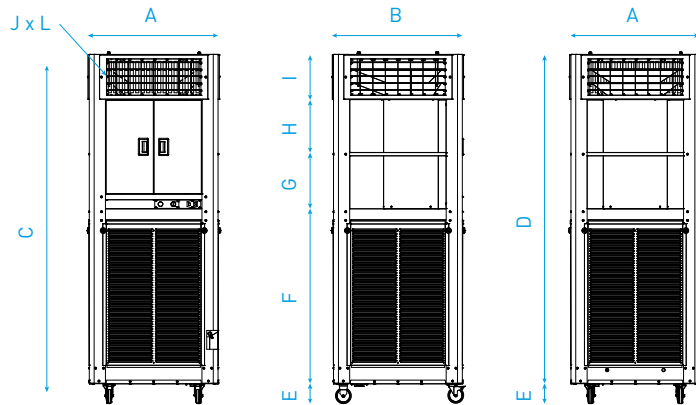
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DIMENSIONS



DIMENSIONS mm

MODEL	A	B	C	D	E	F	G	H	I	J x L	EMPTY WGT.	WGT. W/WATER
ARMOIREBIO	825	825	2220	2090	130	1110	360	335	285	600X230	195	205

IMPULSION TEMPERATURES

DESIGN COOLER EVAPORATIVE COOLER 93% MINIMUM FLOW

HUMIDITY	EXTERIOR TEMPERATURE							
	30	32	34	36	38	40	42	44
20%	16,3	17,5	18,8	20,1	21,4	22,6	23	25,3
25%	17,4	18,8	20,2	21,5	22,9	24,2	25,7	27
30%	18,6	20,1	21,5	22,9	24,3	25,8	27,3	28,8
40%	20,8	22,3	23,8	25,5	27	28,7	30,2	31,8
50%	22,7	24,4	26,1	27,8	29,4	31,2	32,9	34,7

DESIGN COOLER EVAPORATIVE COOLER 91% MAXIMUM FLOW

HUMIDITY	EXTERIOR TEMPERATURE							
	30	32	34	36	38	40	42	44
20%	16,5	17,7	19,1	20,3	21,6	22,9	24,2	25,6
25%	17,6	19,1	20,4	21,7	23,2	24,5	26	27,3
30%	18,9	20,3	21,7	23,2	24,6	26	27,6	29
40%	21	22,5	24,1	25,7	27,3	28,9	30,5	32,1
50%	23	24,7	26,3	28,1	29,8	31,5	33,2	35

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