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EVAPORATIVE COOLING



Specialist Distributor:
Adremit Limited, 5A Commercial
Courtyard Settle, North Yorkshire.
BD24 9RH. Tel. 01729 824108
www.puravent.co.uk info@adremit.co.uk

Get In Touch

 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

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





1 year guarantee

RENOVATION PLAN
Ask about special terms

WHY MET MANN?

- 10-YEAR GUARANTEE FOR ALL CONSTRUCTED ELEMENTS.
- WE ARE MANUFACTURERS AND CAN ADAPT PRODUCTS TO YOUR NEEDS.
- FULLY PERSONALIZED TECHNICAL AND COMMERCIAL CONSULTATION.
- GUARANTEED SUPPLY OF REPLACEMENT PARTS FOR 10 YEARS

ECO COOLER

ECOLOGICAL EVAPORATIVE COOLERS. 16,000 M³/H

The evaporative coolers ECO COOLER are light cooling systems, with axial fan and with a completely structure made of plastic. We can furnish them with air flow discharge on the bottom (V), on a side (H) or top discharge (VS).
Their elevated levels of cooling, as well as reduced consumption of electricity make them an economical and completely ecological air treatment system, since the refrigerant element is water.

Some of the manufacturing details include:

- Plastic structure with UV resistance and work temperatures from -42°C to +96°C
- Axial fan has up to 16 different speeds levels with impulsion or extraction modes.
- 100mm thick cooling panels. With protective grid and anti-insect mesh.
- Panel cleaning system patented.
- Water pump with built-in drainage system to avoid microorganism growth.
- Pre-cooling for panels before ventilator start up
- Multifunction remote controller with temperature and humidity control
- Time program available
- Water electro-valve inlet with mechanic buoy control
- Long duration discharge valve

CODE	MODEL	AIR FLOW m ³ /h	CONSUMPTION WATER l/h	COOLING PANEL THICKNESS mm	COOLING PANEL EFFICIENCY %	PUMP POWER KW	ELECTRICAL VOLTAGE
1501AP18V	EC18-V	16.000	15 – 20	100	85	1,10	230V/I/50Hz
1501AP18VS	EC18-VS	16.000	15 – 20	100	85	1,10	230V/I/50Hz
1501AP18H	EC18-H	16.000	15 – 20	100	83	1,10	230V/I/50Hz

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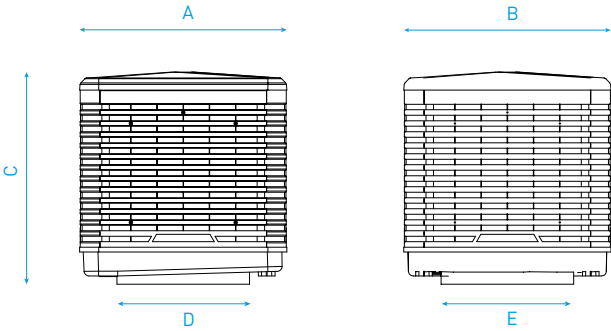
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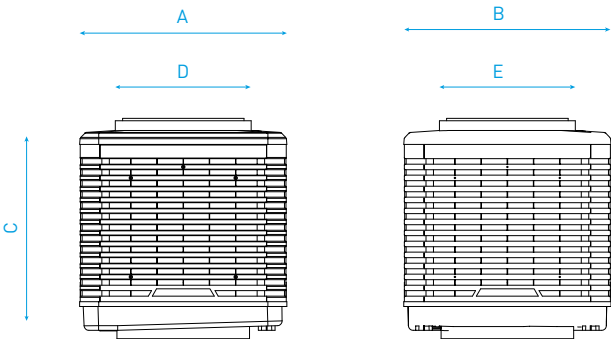
V MODEL WITH BOTTOM AIR DISCHARGE

DIMENSIONS mm						
MODEL	A	B	C	D	E	WGT. EMPTY - W/WATER
EC-18-V	1160	1160	940	675	675	80 / 130 KG



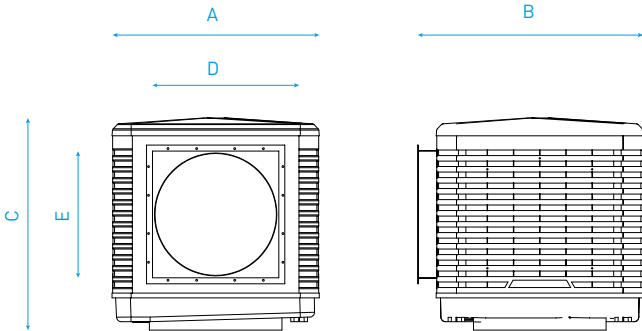
VS MODEL WITH TOP AIR DISCHARGE

DIMENSIONS mm						
MODEL	A	B	C	D	E	WGT. EMPTY - W/WATER
EC-18-VS	1160	1160	980	675	675	80 / 130 KG



H MODEL WITH SIDE AIR DISCHARGE

DIMENSIONS mm						
MODEL	A	B	C	D	E	WGT. EMPTY - W/WATER
EC-18-H	1160	1240	940	660	660	80 / 130 KG



IMPULSION TEMPERATURES

Evaporative cooler ECO COOLER 85%

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

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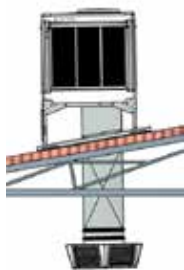
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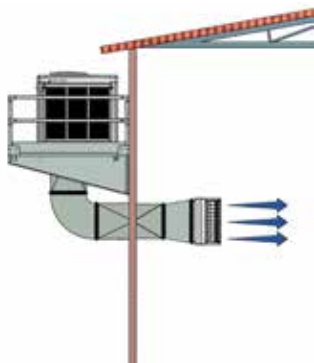


ROOFTOP INSTALLATION WITH 6-DIRECTION AIR DIFFUSER



COMPONENTS	EC-18-V
Basic unit	1501AP18V
INSTALLATION ACCESSORIES	
Roof mount base	0309KBT18
Flexible joint (555x480)	1805AV4740
Straight section, 1m (555x480)	1805TR18
Coupling duct (770x770/ 555x480)	1805EC187
6-direction air diffuser DC H-6/09 SD SINGLE-DEFLECTION GRILLS	03231501015
6-direction air diffuser DC H-6/09 DD DOUBLE-DEFLECTION GRILLS	03231501115

WALL INSTALLATION WITH 3-DIRECTION AIR DIFFUSER



COMPONENTS	EC-18-V
Basic unit	1501AP18V
INSTALLATION ACCESSORIES	
Wall mount base	0309KBM18
Flexible joint (555x480)	1805AV4740
Straight section, 1m (555x480)	1805TR18
90° curve (555x480)	1805TR18
Coupling duct (770x770 / 555x480)	1805EC187
Diffusion coupling (555x480 / 600x600)	180547406060
3-direction air diffuser DCH-3/09	03231501016

NOTE: THIS IS A SAMPLE INSTALLATION SCHEME. THE ACTUAL INSTALLATION WILL BE PERFORMED IN COMPLIANCE WITH STANDARDS IN EFFECT IN THE COUNTRY WHERE THE EQUIPMENT WILL BE INSTALLED.

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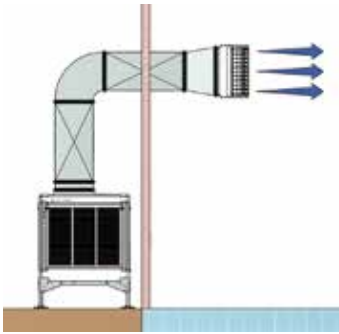
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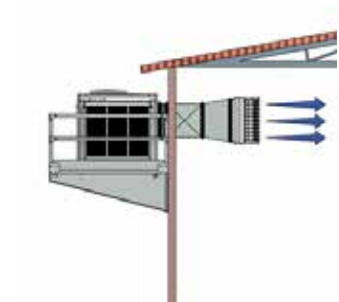
GROUND SURFACE INSTALLATION WITH 3-DIRECTION AIR DIFFUSER

COMPONENTS	EC-18-VS
Basic unit	1501AP18H
INSTALLATION ACCESSORIES	
Mounting base with feet	0309BBP18
Flexible joint (555x480)	1805AV4740
Straight section, 1m (555x480)	1805TR14
90° curve (555x480)	1805TC14
Coupling duct (660x660 / 555x480)	1805EC186
Diffusion coupling (555x480 / 600x600)	180547406060
3-direction air diffuser	03231501016



WALL INSTALLATION WITH 3-DIRECTION AIR DIFFUSER

COMPONENTS	EC-18-H
Basic unit	1501EC18HM
INSTALLATION ACCESSORIES	
Wall mount base	0309KBM18
Flexible joint (555x480)	1805AV4740
Straight section, 1m (555x480)	1805TR14
Coupling duct (660x660 / 555x480)	1805EC186
Diffusion coupling (555x480 / 600x600)	180547406060
3-direction air diffuser	03231501016



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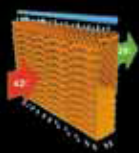
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Novelty

ECO COOLER 18

Intelligent evaporative cooler



Adiabatic technology

92% Efficiency



Technical data

Model	EC18V	EC18H	EC18VS
Air outlet	down	side	top
Air flow	16.000 m³/h		
Cooling capacity	100 - 150 m²		
Sound level	73 dB (A)		
Motor power	1100 W		
Tension	230V/I/50Hz		
Water capacity	40 litres		
Water consumption	15 - 20 l/h		
Weight (idle)	80 kg		
Weight (with water)	120 kg		
Dimensions	1100x1100x950	1100x1100x980	1100x1100x950
Air outlet dimensions	630 x 630		



ECO COOLER 18

ECO COOLER 18 symbolizes the new generation of evaporative air conditioners with electronic technologies applied by default.

The evaporative coolers are an efficient and economic solution to the cooling for commercial and industrial sectors.

Features:

- Structure in plastic resistant to ultraviolet rays, and resistant to extreme temperatures (-42°C to 96°C).
- Axial fan of high airflow with aluminium motor, it's resistant to saline waters and it's heat sink.
- Water pump of high flow with bleed-off system included.
- Discharge valve (50.000 uses).
- Control panel LCD with thermostat, ON/OFF programmer, display of temperature, humidity, etc...
- Remote control to all cooler functions.

Down outlet



Top outlet



Side outlet



MET MANN

www.metmann.com



CE

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