

DAM VRF-CA | Heat Pump Energy Saving Air Curtains For CARRIER Outdoor Units (VRF)



Characteristics



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO₂ emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Front panel with option to customize and the possibility of including personalized logos, signs, graphic designs, images, etc.
- The inlet areas are located behind the front panel. They do not need maintenance.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- CS-5DX-NE Plug&Play control with 5 speeds and telephone cable 7m included.
- Requires CARRIER VRF Interface KIT adapted for air curtain, programmable control and expansion valve, please consult.
- Ready to connect to CARRIER VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

Specifications

Model	Airflow m ³ /h	Carrier Direct Expansion Valve	Power Fan 230V-50Hz kW	Current Fan 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
DAM ECM 1500 VRF12-CA	2460	MMDXV140	0,213	1,86	57	64
DAM ECM 2000 VRF16-CA	3280	MMDXV140	0,284	2,48	58	81
DAM ECM 2000 VRF19-CA	3280	MMDXV280	0,284	2,48	58	81
DAM ECM 2500 VRF21-CA	4100	MMDXV280	0,355	3,10	59	89
DAM ECM 2500 VRF24-CA	4100	MMDXV280	0,355	3,10	59	89
DAM ECM 3000 VRF26-CA	4920	MMDXV280	0,426	3,72	60	103
DAM ECG 1000 VRF10-CA	2190	MMDXV140	0,213	1,86	61	48
DAM ECG 1500 VRF13-CA	2920	MMDXV140	0,284	2,48	62	70
DAM ECG 1500 VRF15-CA	2920	MMDXV140	0,284	2,48	62	70
DAM ECG 2000 VRF20-CA	4380	MMDXV280	0,426	3,72	63	91
DAM ECG 2000 VRF24-CA	4380	MMDXV280	0,426	3,72	63	91
DAM ECG 2500 VRF25-CA	5110	MMDXV280	0,497	4,34	64	97
DAM ECG 2500 VRF29-CA	5110	MMDXV280	0,497	4,34	64	97
DAM ECG 3000 VRF29-CA	5840	MMDXV280	0,568	5,96	65	111

CARRIER VRF Outdoor Units

XPower Mini VRF and XPower VRF 2 pipes (Heat Pump)

XPower VRF 3 pipes (Heat Recovery)

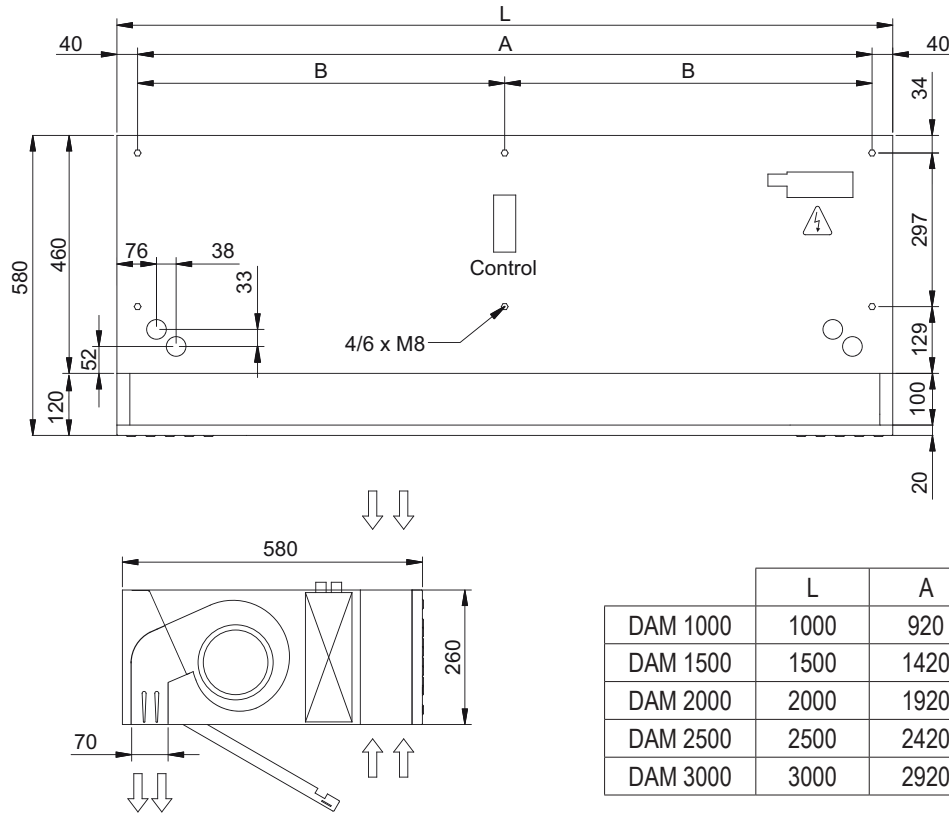


When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

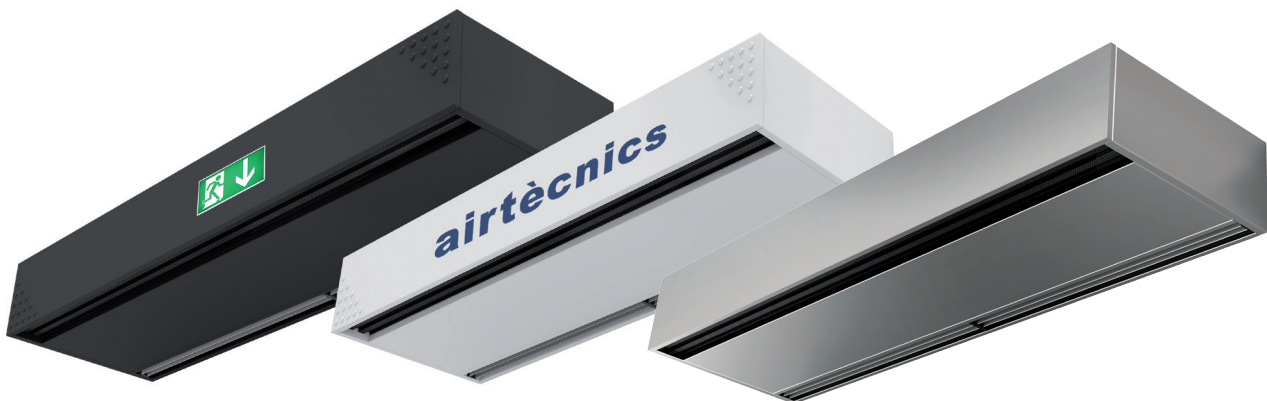
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Dimensions



Finishes and details



- Painted any RAL colour
- Available in stainless steel AISI 304 (brushed)
- Customizable with logos, signs, vinyls, etc.