RECESSED DAM DX-MD | Heat Pump Energy Saving Air Curtains For MIDEA Outdoor Units (1:1)

Characteristics

- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO_2 emissions (heating mode).
- Compact and low profile recessed air curtain with full grille view.
- Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.
- Inlet grille (free of maintenance) made with aluminium profiles and blow-out nozzle, integrated in a single white frame colour RAL 9016. Other colours are available on request.
- 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 DX Interface KIT adapted for air curtain and programmable control, please consult.
- Ready to connect to MIDEA Inverter outdoor heat pump unit (R410A) with expansion valve, not included, the customer should purchase it.

Specifications

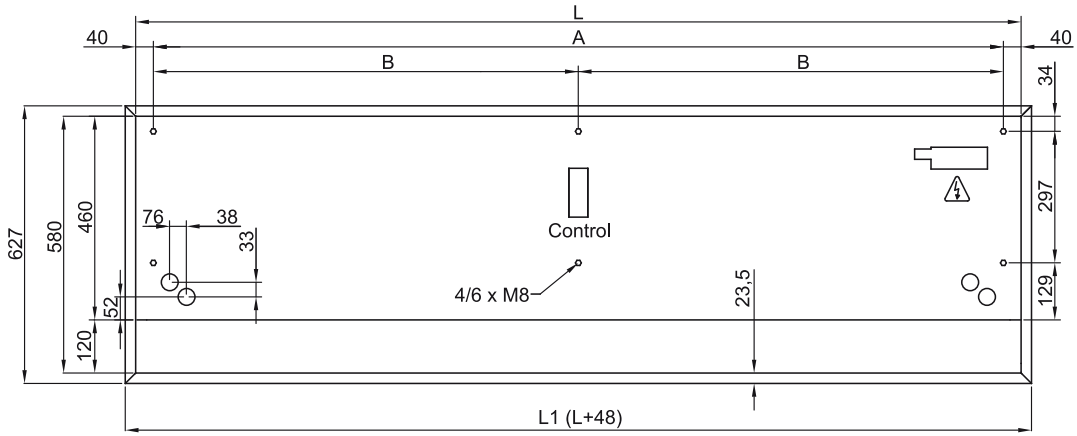
Model	Airflow	Outdoor Unit (*)	Outdoor Unit (*)	Power Fans 230V-50Hz	Current Fans 230V-50Hz	Noise Level (5 m)	Weight
	m^3/h	230Vx1	400Vx3	kW	A	dB(A)	kg
RDAM ECM 1000 DX7-MD	1640	MOCA30U-24HFN1-QRD0	-	0,142	1,24	56	50
RDAM ECM 1500 DX11-MD	2460	MOD30U-36HFN1-QRD0	MOD30U-36HFN1-RRD0	0,213	1,86	57	74
RDAM ECM 2000 DX16-MD	3280	MOE30U-48HFN1-QRD0	MOE30U-48HFN1-RRD0	0,284	2,48	58	95
RDAM ECG 1000 DX10-MD	2190	MOD30U-36HFN1-QRD0	MOD30U-36HFN1-RRD0	0,213	1,86	61	55
RDAM ECG 1500 DX15-MD	2920	MOE30U-48HFN1-QRD0	MOE30U-48HFN1-RRD0	0,284	2,48	62	80
RDAM ECG 2000 DX18-MD	4380	-	MOE30U-55HFN1-RRD0	0,426	3,72	63	105
RDAM ECG 2000 DX22/2-MD	4380	2x MOD30U-36HFN1-QRD0	2x MOD30U-36HFN1-RRD0	0,426	3,72	63	105
RDAM ECG 2500 DX29/2-MD	5110	2x MOE30U-48HFN1-QRD0	2x MOE30U-48HFN1-RRD0	0,497	4,34	64	114

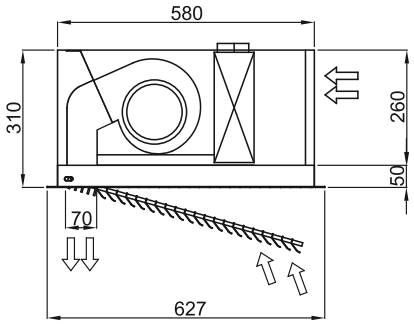
22/2 Double circuit and two outdoor units of 11kW. 29/2 Double circuit and two outdoor units of 16kW.
(*) Includes direct expansion valve.

MIDEA Inverter Outdoor Units	Heating Capacity	Heating Power	SCOP or COP (*)	Cooling Capacity	Cooling Power	SEER or EER (*)	Power Supply	Pipes Gas	Pipes Liquid	Pipes Maximum Length	Pipes Maximum Height
	kW	kW	W/W	kW	kW	W/W		inch		m	m
MOCA30U-24HFN1-QRD0	7,6	1,8	4,22	7,0	2,13	3,28	230Vx1	5/8	3/8	50	25
MOD30U-36HFN1-QRD0	11,1	2,9	3,82	10,5	3,95	2,65	230Vx1	5/8	3/8	65	30
MOD30U-36HFN1-RRD0	11,1	2,9	3,82	10,5	3,95	2,65	400Vx3	5/8	3/8	65	30
MOE30U-48HFN1-QRD0	16,1	4,4	3,65	14,1	5,10	2,76	230Vx1	5/8	3/8	65	30
MOE30U-48HFN1-RRD0	16,1	4,4	3,65	14,1	5,10	2,76	400Vx3	5/8	3/8	65	30
MOE30U-55HFN1-RRD0	17,6	5,5	3,20	16,1	6,30	2,55	400Vx3	5/8	3/8	65	30

Energy efficiency: SCOP/SEER seasonal ≤12kW, COP/EER >12kW.
Outdoor unit capacities depending on standard conditions: heating 20ºCDB indoor / 7ºCDB and 6ºCWB outdoor, cooling 27ºCDB and 19ºCWB indoor / 35ºCDB outdoor.
When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

Dimensions

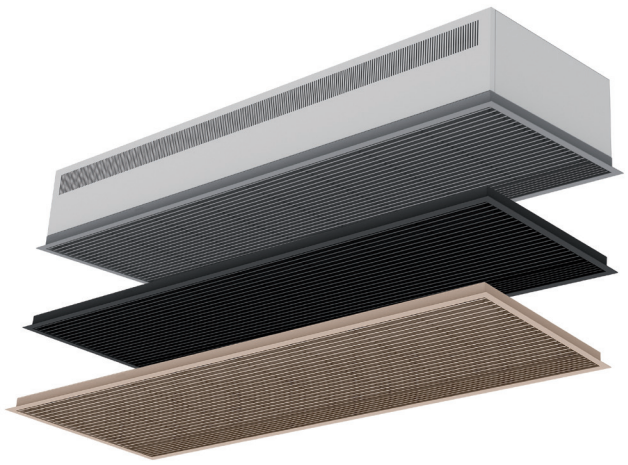




	L	L1	A	B
RDAM 1000	1000	1048	920	-
RDAM 1500	1500	1548	1420	710
RDAM 2000	2000	2048	1920	960
RDAM 2500	2500	2548	2420	1210

Finishes and details

Detail of exposed inlet grille



Customizable inlet grille in RAL color optionally