



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.
- Micro-perforated inlet grille with filter functions and easy service. Internal prefilter included.
- 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 DAIKIN DX Interface KIT adapted for air curtain and programmable control, please consult.
- Ready to connect to DAIKIN Inverter outdoor heat pump unit (R410A) and expansion valve not included, the customer should purchase it.

Specifications

Model	Airflow m ³ /h	Outdoor Unit		Daikin Direct Expansion Valve	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
		230Vx1	400Vx3					
ECM 1500 DX13-DA	2460	ERQ 100 AV1	-	EKEXV 100	0,198	1,71	57	53
ECM 2000 DX16-DA	3280	ERQ 125 AV1	ERQ 125 AW1	EKEXV 125	0,264	2,28	58	69
ECM 2000 DX18-DA	3280	ERQ 140 AV1	-	EKEXV 140	0,264	2,28	58	69
ECM 2500 DX24-DA	4100	-	ERQ 200 AW1	EKEXV 200	0,330	2,85	59	86
ECM 3000 DX25-DA	4920	-	ERQ 200 AW1	EKEXV 200	0,396	3,42	60	103
ECG 1000 DX10-DA	2190	ERQ 100 AV1	-	EKEXV 80	0,225	1,95	61	50
ECG 1500 DX13-DA	2920	ERQ 100 AV1	-	EKEXV 100	0,300	2,60	62	59
ECG 1500 DX15-DA	2920	ERQ 125 AV1	ERQ 125 AW1	EKEXV 125	0,300	2,60	62	59
ECG 2000 DX24-DA	4380	-	ERQ 200 AW1	EKEXV 200	0,450	3,90	63	92
ECG 2500 DX25-DA	5110	-	ERQ 200 AW1	EKEXV 200	0,525	4,55	64	96
ECG 2500 DX29-DA	5110	-	ERQ 250 AW1	EKEXV 250	0,525	4,55	64	96
ECG 3000 DX32-DA	5840	-	ERQ 250 AW1	EKEXV 250	0,600	5,20	65	109

Version available for models: ECM, ECG - Recessed Windbox, Smart, Dam, Recessed Dam
ECG - Zen, Rund, Invisair, Rotowind

DAIKIN Inverter Outdoor Units	Heating Capacity	Heating Power	SCOP or COP	Cooling Capacity	Cooling Power	SEER or EER	Power Supply	Pipes		Pipes Minimum Length	Pipes Maximum Length	Pipes Maximum Height
	kW	kW		kW	kW			Gas	Liquid			
ERQ 100 AV1	12,5	2,74	4,56	11,2	2,81	3,99	230Vx1	5/8	3/8	-	55	35
ERQ 125 AV1	16,0	3,86	4,15	14,0	3,51	3,99	230Vx1	5/8	3/8	-	55	35
ERQ 125 AW1	16,0	4,00	4,00	14,0	3,52	3,98	400Vx3	5/8	3/8	-	55	30
ERQ 140 AV1	18,0	4,57	3,94	15,5	4,53	3,42	230Vx1	3/4	3/8	-	55	35
ERQ 200 AW1	25,0	5,56	4,50	22,4	5,22	4,29	400Vx3	3/4	3/8	-	55	30
ERQ 250 AW1	31,5	7,70	4,09	28,0	7,42	3,77	400Vx3	7/8	3/8	-	55	30

Energy efficiency: SCOP/SEER seasonal ≤12kW, COP/EER >12kW.

Outdoor unit capacities depending on standard conditions: heating 20°CDB indoor / 7°CDB and 6°CWB outdoor, cooling 27°CDB and 19°CWB indoor / 35°CDB outdoor.

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