



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 MITSUBISHI ELECTRIC DX Interface KIT adapted for air curtain and programmable control, please consult.
- Ready to connect to MITSUBISHI ELECTRIC Inverter outdoor heat pump unit (R410A) with expansion valve, not included, the customer should purchase it.

Specifications

Model	Airflow m ³ /h	Outdoor Unit (*)		Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
		230Vx1	400Vx3				
ECM 1000 DX8-ME	1640	PUHZ-ZRP71VHA	-	0,132	1,14	56	35
ECM 1500 DX11-ME	2460	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA	0,198	1,71	57	53
ECM 1500 DX13-ME	2460	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA	0,198	1,71	57	53
ECM 2000 DX16-ME	3280	PUHZ-ZRP140VKA	PUHZ-ZRP140YKA	0,264	2,28	58	69
ECM 2500 DX22-ME	4100	-	PUHZ-ZRP200YKA	0,330	2,85	59	86
ECM 2500 DX24-ME	4100	-	PUHZ-ZRP250YKA	0,330	2,85	59	86
ECM 3000 DX26-ME	4920	-	PUHZ-ZRP250YKA	0,396	3,42	60	103
ECG 1000 DX10-ME	2190	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA	0,225	1,95	61	50
ECG 1500 DX14-ME	2920	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA	0,300	2,60	62	59
ECG 2000 DX22-ME	4380	-	PUHZ-ZRP200YKA	0,450	3,90	63	92
ECG 2000 DX24-ME	4380	-	PUHZ-ZRP250YKA	0,450	3,90	63	92
ECG 2500 DX27-ME	5110	-	PUHZ-ZRP250YKA	0,525	4,55	64	96
ECG 3000 DX27-ME	5840	-	PUHZ-ZRP250YKA	0,600	5,20	65	109

(*) Includes direct expansion valve.

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

MITSUBISHI ELECTRIC Inverter Outdoor Units	Heating Capacity kW	Heating Power kW	SCOP or COP	Cooling Capacity kW	Cooling Power kW	SEER or EER	Power Supply	Pipes		Pipes Minimum Length m	Pipes Maximum Length m	Pipes Maximum Height m
								Gas	Liquid			
PUHZ-ZRP71VHA	8,0	2,03	3,90	7,1	2,01	5,60	230Vx1	5/8	3/8	-	50	30
PUHZ-ZRP100VKA	11,2	2,06	4,20	10,0	2,63	5,60	230Vx1	5/8	3/8	-	75	30
PUHZ-ZRP100YKA	11,2	2,06	4,20	10,0	2,63	5,50	400Vx3	5/8	3/8	-	75	30
PUHZ-ZRP125VKA	14,0	3,63	3,86	12,5	4,05	3,09	230Vx1	5/8	3/8	-	75	30
PUHZ-ZRP125YKA	14,0	3,63	3,86	12,5	4,05	3,09	400Vx3	5/8	3/8	-	75	30
PUHZ-ZRP140VKA	16,0	4,20	3,81	13,4	4,36	3,07	230Vx1	5/8	3/8	-	75	30
PUHZ-ZRP140YKA	16,0	4,20	3,81	13,4	4,36	3,07	400Vx3	5/8	3/8	-	75	30
PUHZ-ZRP200YKA	22,4	6,94	3,23	19,0	6,46	2,94	400Vx3	1	3/8	-	100	30
PUHZ-ZRP250YKA	27,0	8,94	3,75	22,0	8,31	2,65	400Vx3	1	1/2	-	100	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.