



Characteristics



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO₂ emissions (heating mode).
- Decorative rounded air curtain for vertical or horizontal installation.
- Faceted self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester painting white RAL9016 or silver grey RAL9006 as standard. Other colours or stainless steel are available on request.
- Large perforated inlet grille avoiding intensive 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 efficient 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 Standard and Power 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				
RUND ECG 1000 DX10-ME	2190	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA	0,225	1,95	61	52
RUND ECG 1500 DX14-ME	2920	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA	0,300	2,60	62	77
RUND ECG 2000 DX22-ME	4380	-	PUHZ-ZRP200YKA	0,450	3,90	63	100
RUND ECG 2000 DX24-ME	4380	-	PUHZ-ZRP250YKA	0,450	3,90	63	100
RUND ECG 2500 DX27-ME	5110	-	PUHZ-ZRP250YKA	0,525	4,55	64	109
RUND ECG 3000 DX27-ME	5840	-	PUHZ-ZRP250YKA	0,600	5,20	65	119

(*) Includes direct expansion valve.

MITSUBISHI Power 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			
								inch				
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-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

(*) Also compatible with Standard Inverter outdoor units.

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.



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- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficient 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 VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.
- Ready to connect to MITSUBISHI ELECTRIC VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

Specifications

Model	Airflow m ³ /h	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg	Mitsubishi Electric Kit Interface VRF (*)
RUND ECG 1000 VRF10-ME	2190	0,225	1,95	61	52	PAC-AH125M-J
RUND ECG 1500 VRF13-ME	2920	0,300	2,60	62	77	PAC-AH125M-J
RUND ECG 1500 VRF15-ME	2920	0,300	2,60	62	77	PAC-AH125M-J
RUND ECG 2000 VRF20-ME	4380	0,450	3,90	63	100	PAC-AH250M-J
RUND ECG 2000 VRF24-ME	4380	0,450	3,90	63	100	PAC-AH250M-J
RUND ECG 2500 VRF25-ME	5110	0,525	4,55	64	109	PAC-AH250M-J
RUND ECG 2500 VRF29-ME	5110	0,525	4,55	64	109	PAC-AH250M-J
RUND ECG 3000 VRF29-ME	5840	0,600	5,20	65	119	PAC-AH250M-J

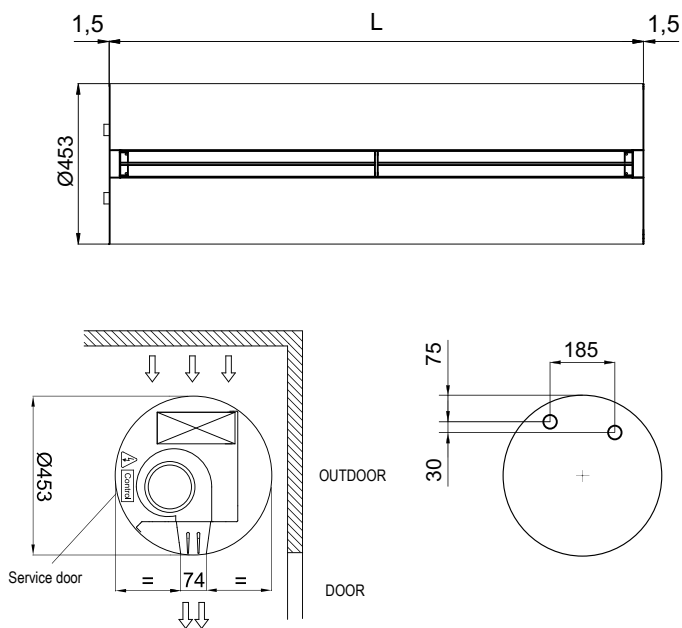
(*) Includes direct expansion valve.

MITSUBISHI ELECTRIC VRF compatible Outdoor Units	
Range	Series
City Multi	S/Y (Heat Pump)
City Multi	R2 (Heat Recovery)
Mr. Slim	Standard Inverter
Mr. Slim	Power Inverter
Mr. Slim	Zubadan
Industrial	Standard Inverter
Industrial	Power Inverter

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Layouts and dimensions



	L
RUND 1000	1025
RUND 1500	1525
RUND 2000	2030
RUND 2500	2530
RUND 3000	2980

Horizontal installation



Ceiling fixation through threaded rods



Wall/ceiling fixation through arms



Wall/ceiling fixation through angle supports



Floor fixation (goalpost)



Wall fixation through lateral arms