



## Characteristics



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO<sub>2</sub> 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.
- Double-inlet centrifugal fans driven by an external rotor motor and low noise level. 5-speed selector. "EC" models assembled with very low consumption efficiency fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- Plug&Play control panel, infrared remote IR and 7m telephone cable included.
- HITACHI DX Interface KIT with expansion valve and programmable control included.
- Ready to connect to HITACHI Inverter outdoor heat pump unit (R410A).

## Specifications

Model (*)	Airflow m <sup>3</sup> /h	Outdoor unit		Power Fans 230V-50Hz	Current Fans 230V-50Hz	Noise Level (5 m)	Weight kg
		230Vx1	400Vx3 (**)	kW	A	dB(A)	
M 1500 DX11-HI	2160	RAS-4H(V)NCE	RAS-4H(V)NCE	0,642	2,85	57	53
M 2500 DX22-HI	3600	-	RAS-8HNCE	1,070	4,75	59	86
ECM 1500 DX11-HI	2460	RAS-4H(V)NCE	RAS-4H(V)NCE	0,198	1,71	57	53
ECM 2500 DX22-HI	4100	-	RAS-8HNCE	0,330	2,85	59	86
ECM 3000 DX28-HI	4920	-	RAS-10HNCE	0,396	3,42	60	103
G 1000 DX8-HI	2100	RAS-3HVNC	-	0,642	2,85	57	50
G 1500 DX16-HI	2800	RAS-6H(V)NCE	RAS-6H(V)NCE	0,856	3,80	58	59
G 2000 DX22-HI	4200	-	RAS-8HNCE	1,284	5,70	59	92
G 2500 DX22-HI	4900	-	RAS-8HNCE	1,498	6,65	60	96
G 2500 DX28-HI	4900	-	RAS-10HNCE	1,498	6,65	60	96
G 3000 DX28-HI	5600	-	RAS-10HNCE	1,712	7,60	61	109
ECG 1000 DX8-HI	2190	RAS-3HVNC	-	0,225	1,95	61	50
ECG 1000 DX11-HI	2190	RAS-4H(V)NCE	RAS-4H(V)NCE	0,225	1,95	61	50
ECG 1500 DX14-HI	2920	RAS-5H(V)NCE	RAS-5H(V)NCE	0,300	2,60	62	59
ECG 1500 DX16-HI	2920	RAS-6H(V)NCE	RAS-6H(V)NCE	0,300	2,60	62	59
ECG 2000 DX22-HI	4380	-	RAS-8HNCE	0,450	3,90	63	92
ECG 2500 DX22-HI	5110	-	RAS-8HNCE	0,525	4,55	64	96
ECG 2500 DX28-HI	5110	-	RAS-10HNCE	0,525	4,55	64	96
ECG 3000 DX28-HI	5840	-	RAS-10HNCE	0,600	5,20	65	109

(\*) DX is also applicable to the models: Recessed Windbox, Smart, Dam, Recessed Dam, Deco, Variwind, Rund, Zen, Rotowind, Invisair.

(\*\*) Air curtains supply is always 230Vx1.

HITACHI Inverter Outdoor Units	Heating Capacity kW	Heating Power kW	SCOP or COP (*) W/W	Cooling Capacity kW	Cooling Power kW	SEER or EER (*) W/W	Power Supply	Pipes		Pipes Maximum Length m	Pipes Maximum Height m
								Gas	Liquid		
RAS-3HVNC	8,0	1,90	4,21	7,1	1,94	3,66	230Vx1	5/8	3/8	50	30
RAS-4H(V)NCE	11,2	2,54	4,41	10,0	2,44	4,10	230Vx1/400Vx3	5/8	3/8	70	30
RAS-5H(V)NCE	14,0	3,39	4,12	12,5	3,53	3,54	230Vx1/400Vx3	5/8	3/8	75	30
RAS-6H(V)NCE	16,0	4,23	3,78	14,0	4,25	3,29	230Vx1/400Vx3	5/8	3/8	75	30
RAS-8HNCE	22,4	5,28	4,24	20,0	5,95	3,36	400Vx3	1	3/8	100	30
RAS-10HNCE	28,0	7,12	3,93	25,0	7,81	3,20	400Vx3	1	1/2	100	30

(\*) Energy efficiency: SCOP and SEER seasonal ratio under 12kW and COP and EER over 12kW.