

Arctic Series Split

Outdoor unit model MDVA-			V4W D2ER8-A	V6W D2ER8-A	V8W D2ER8-A	V10W D2ER8-A	V12W D2ER8-A	V14W D2ER8-A	V16W D2ER8-A	V12W D2BR8-A	V14W D2BR8-A	V16W D2BR8-A
Hydronic box model HB-A			60/CGN8-B			100/CGN8-B			160/CGN8-B			
Heating ¹	Capacity	kW	4.25	6.20	8.30	10.0	12.1	14.5	16.0	12.1	14.5	16.0
	Rated input	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP			5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70
Heating ²	Capacity	kW	4.35	6.35	8.20	10.0	12.3	14.2	16.0	12.3	14.2	16.0
	Rated input	kW	1.14	1.69	2.08	2.63	3.24	3.89	4.44	3.24	3.89	4.44
	COP			3.80	3.75	3.95	3.80	3.80	3.65	3.60	3.80	3.65
Heating ³	Capacity	kW	4.40	6.00	7.50	9.50	12.0	13.8	16.0	12.0	13.8	16.0
	Rated input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP			2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00
Cooling ⁴	Capacity	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
	Rated input	kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
	EER			5.55	4.90	5.05	4.80	4.00	3.60	3.40	4.00	3.60
Cooling ⁵	Capacity	kW	4.70	7.00	7.40	8.20	11.6	12.7	14.0	11.6	12.7	14.0
	Rated input	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER			3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55
Seasonal space heating energy efficiency class ⁶	Water outlet at 35°C	class	A+++									
	Water outlet at 55°C	class	A++									

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Power supply		V/Ph/Hz	220-240/1/50							380-415/3/50			
Refrigerant	Type(GWP)		R32(675)										
	Charged volume	kg	1.50		1.65		1.84						
Sound power Level ¹		dB	56	58	59	60	64	65	68	64	65	68	
Net dimension (WxHxD)		mm	1008x712x426				1118x865x523						
Packing dimension (WxHxD)		mm	1065x800x485				1180x890x560						
Net/Gross weight		kg	58/64		77/88		96/110			112/125			
Pipe size O.D.	Liquid	mm	6.35				9.52						
	Gas	mm	15.88				15.88						
Connection method			Flared										
Between indoor and outdoor unit	Height difference	m	Max.20										
	Pipe length	m	2-30										
Additional refrigerant	Chargment	g/m	20				38						
	Max. pipe length for no additional refrigerant	m	15										
Ambient temperature range	Cooling	°C	-5~43										
	Heating	°C	-25~35										
	DHW	°C	-25~43										

Note: 1. Testing standard: EN12102-1.