



DC Inverter (R410A) Technical Specifications

Model No.			DC1201	DC1801	DC2401	MSABF-36HRFN1
Capacity			12,000 BTU	18,000 BTU	24,000 BTU	36,000 BTU
Type			Cooling	Cooling	Cooling	Cooling
Control Type			remote	remote	remote	remote
Rated Cooling Capacity		Btu/h	12000(600-14000)	18000(1680-19210)	24000(2500-23202)	36000
		W	(2000-3960)	(5732-5630)	(8530-6800)	10,500
EER for cooling		Btu/h.w; W/W	3.21; 10.96	3.21; 10.96	3.21; 10.95	2.49
Indoor noise level at cooling	Auto		41	47	46	
	High	dB(A)	37	43	44	52
	Med.	dB(A)	33	39	40	44
	Low	dB(A)	29	35	36	36
Outdoor noise level		dB(A)	51	54	56	60.5
Electrical Data						
Voltage Range		V	185-264	185-264	185-264	208-230
Rated Frequency			50Hz	50Hz	50Hz	50Hz
Rated current	Cooling	A	4.8	9	8.9	18.5
Rated input	Cooling	W	1550	2450	2600	4235
Max Current		A	6.9	13.5	11	21
Max power input		W	1550	2450	2600	4800
Refrigerating System						
Refrigerant/Charge		kg	R410A/1.0kg	R410A/1.20kg	R410A/1.35kg	R410A/119.9kg
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Fan System						
Indoor air circulation (Cooling/Heating)		m³/h	600/540/460/330	850/800/700/570	1100/1000/950/850	1450/1100/800
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow
Indoor fan speed A/H/M/L	Cooling	rpm	1350/1200/1050/850	1300/1200/1050/900	1150/1000/900/800	
Indoor fan motor output		W	20	35	35	58
Dehumidifying Volume		L/h	1.40	1.80	1.80	
Dehumidifying Volume		PINT/D	2.96	3.80	3.80	
Outdoor fan speed		rpm	930	880	800/300	900/750
Outdoor fan motor output		W	30	60	60	150
Connections						
Connecting Pipe	Gas	Inches	3/8"	1/2"	5/8"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	3/8"
Connecting Wiring		Size x Core number	4 x 1.5	4 x 1.5	4 x 1.5	4 x 2.5
Others						
Net Dimensions (W x H x D)	Indoor	mm	845×289×209	970×300×224	1078×325×246	1259 x 362 x 282
	Outdoor	mm	710×550×318	899×596×378	955×700×396	946 x 810 x 410
Net weight	Indoor	kg	11	13.5	16	18.5
	Outdoor	kg	29.5	40	45	65.2
Gross weight	Indoor	kg	13	16.5	19.5	24.2
	Outdoor	kg	31.5	43.5	50	71.5

*Please note specifications are subject to change without notice.