

# Air-cooled Split Ducted – R407C & R22



## Features



### Wide Range of Products

Comprises various models with wide cooling capacity to cater for various needs.



### Multi Circuit Design

Part load capability offers continuous comfort, greater savings and provides highly flexible solutions.



### Low Noise

The outdoor units are using scroll compressors that have been proven to have superior performance and quiet operation.



### Simple Installation

Compact and light weight design of the units enable easy installation and space saving.



# Specifications

Model (R407C)	Indoor		Y4SB080GM	Y4SB100GM	Y4SB125GM	Y4SB150GM	Y4SB200GM	Y4SB250GM	
	Outdoor		YM4SS080GM	YM4SS0100GM	YM4SS125GM	YM4SS150GM	YM4SS200GM	YM4SS250GM	
Total Cooling Capacity	Btu/hr		77,600	97,000	121,250	145,500	194,000	242,500	
	kW		22.7	28.4	35.5	42.7	56.8	71.1	
Total Input Power	W		9,400	11,970	13,130	17,430	23,160	27,200	
Total Running Current - 3Ø	A		22	27.70	23.30	33.76	41.50	48.00	
EER	Btu/hr/w		8.26	8.10	9.23	8.35	8.38	8.92	
Model (R22)	Indoor		Y2SB080GM	Y2SB100GM	Y2SB125GM	Y2SB150GM	Y2SB200GM	Y2SB250GM	
	Outdoor		YM2SS080GM	YM2SS100GM	YM2SS125GM	YM2SS150GM	YM2SS100GM x 2	YM2SS125GM x 2	
Total Cooling Capacity	Btu/hr		80,000	100,000	125,000	150,000	200,000	250,000	
	kW		23.4	29.3	36.6	44.0	58.6	73.3	
Total Input Power	W		9,200	12,020	13,080	17,375	23,260	27,100	
Total Running Current - 3Ø	A		21.07	27.50	23.20	32.86	41.10	47.80	
EER	Btu/hr/w		8.70	8.32	9.56	8.63	8.60	9.23	
Power Source	V/Ph/Hz		380-415/3/50						
Air Flow	CMH/CFM		4,000 / 2,350	5,000 / 2,945	7,200 / 4,240	7,500 / 4,415	10,000 / 5,885	13,600 / 8,005	
External Static Pressure	Pa / in.wg.		100 / 0.4	100 / 0.4	150 / 0.60		66	66	
Indoor Unit Dimension	Height	mm	440	440	707	707	780	1,155	
	Width	mm	1,450	1,750	1,882	1,882	2,248	2,241	
	Depth	mm	900	900	1,140	1,140	1,297	1,347	
Model (R407C)	Indoor		Y4SDB300GM	Y4SDB350GM	Y4SDB400GM	Y4SDB450GM	Y4SDB500GM	Y4SDB600GM	
	Outdoor		YM4SS150GM x 2	YM4SS125GM x 2 YM4SS100GM x 1	YM4SS100GM x 4	YM4SS150GM x 3	YM4SS125GM x 4	YM4SS150GM x 4	
Total Cooling Capacity	Btu/hr		291,000	339,500	388,000	436,500	485,000	582,000	
	kW		85.3	99.5	113.7	127.9	142.1	170.6	
Total Input Power	W		37,420	38,600	47,570	55,070	57,280	74,670	
Total Running Current - 3Ø	A		71.62	68.40	85.00	105.60	100.50	144.24	
EER	Btu/hr/w		7.78	8.80	8.16	7.93	8.47	7.79	
Model (R22)	Indoor		Y2SDB300GM	Y2SDB350GM	Y2SDB400GM	Y2SDB450GM	Y2SDB500GM	Y2SDB600GM	
	Outdoor		YM2SS150GM x 2	YM2SS125GM x 2 YM2SS100GM x 1	YM2SS100GM x 4	YM2SS150GM x 3	YM2SS125GM x 4	YM2SS150GM x 2	
Total Cooling Capacity	Btu/hr		300,000	350,000	400,000	450,000	500,000	600,000	
	kW		87.9	102.6	117.2	131.9	146.5	175.9	
Total Input Power	W		37,320	38,550	47,770	54,915	57,080	74,470	
Total Running Current - 3Ø	A		69.82	68.00	84.20	102.88	100.10	140.64	
EER	Btu/hr/w		8.04	9.08	8.37	8.19	8.76	8.005	
Power Source	V/Ph/Hz		380-415/3/50						
Air Flow	CMH/CFM		15,000 / 8,830	17,840 / 10,500	20,000 / 11,770	22,000 / 12,950	24,000 / 14,125	31,000 / 18,245	
External Static Pressure	Pa / in.wg.		250 / 1.00	250 / 1.00	300 / 1.20	350 / 1.41	400 / 1.6	400 / 1.6	
Indoor Unit Dimension	Height	mm	1,175	1,450	1,450	1,533	1,450	1,650	
	Width	mm	2,041	1,953	2,335	2,163	2,698	2,698	
	Depth	mm	1,547	1,547	1,547	1,637	1,637	1,737	
Model (R407C)	Outdoor		YM4SS080GM	YM4SS100GM	YM4SS125GM	YM4SS150GM			
Model (R22)	Outdoor		YM2SS080GM	YM2SS100GM	YM2SS125GM	YM2SS150GM			
Power Source	V/Ph/Hz		380-415/3/50						
Outdoor Unit Dimension	Height	mm	951		1,213		1,225		
	Width	mm	1,308		967		967		
	Depth	mm	508		1,110		1,110		
Pipe Connection	Type		Braze						
	Size	Liquid	mm/in	15.88 / 5/8			15.88 / 5/8		
		Gas	mm/in	28.58 / 1 1/8			34.93 / 1 3/8		

Note:  
 1. All design and specification are subjected to change without prior notice for product improvement.  
 2. Nominal cooling capacity is based on the conditions below  
 Power supply: 3Ph/230V/50Hz  
 Cooling - Indoor: 27°C DB / 19°C WB and Outdoor 35°C / 24°C WB

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