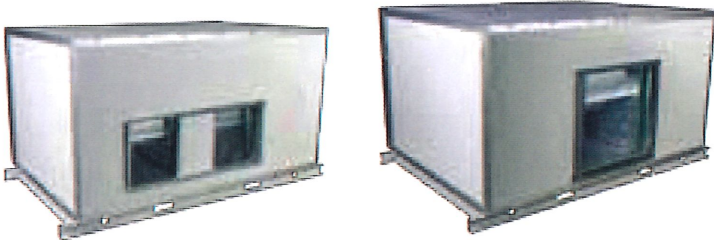


# Air-cooled Split Ducted - R407C & R22



## 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: All design and specification are subjected to change without prior notice for product improvement.  
 1. Units are tested and comply with the latest ISO9511.  
 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.

## Head Office:

**JOHNSON CONTROLS AIR CONDITIONING MALAYSIA SDN BHD (1258224-H)**  
 Luxor Tech. Centre, Level 2, No. 1A, Jalan Teknologi 3/4, Taman Sains Selangor 1,  
 Kota Damansara PJU 5, 47810 Petaling Jaya, Selangor Darul Ehsan.  
 Tel: 03-7628 4100 Fax: 03-7628 4101

## Branches:

<b>Penang Branch</b> Tel. 04-397 0213 Fax: 04-397 2045	<b>Johor Bahru Branch</b> Tel. 07-354 9878 Fax: 07-354 9871
<b>Kota Kinabalu Branch</b> Tel. 088-448 350 Fax: 088-448 352	<b>Kuching Branch</b> Tel. 082-553 100 Fax: 082-553 200

**Customer Care Centre: 1800 - 88 - YORK (9675)**  
**Website: [www.york.com/my](http://www.york.com/my)**

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