

Air-cooled ducted Split Air Conditioners



MAC

- Standard horizontal air discharge
- Single speed motor and belt drive blower
- Designed ESP
 - MAC 300 = 200 Pa
 - MAC 500 = 250 Pa
 - MAC 600 = 300 Pa
- Multi Condensing unit drive
- Build in filter rack
- Convertible air discharge at site for MAC 125-500

MAC

NEW
R410A



YVC

- High efficiency scroll compressor
- High and low pressure protection
- Phase reversal protection
- Vertical air discharge

YVC



SEQUENTIAL REMOTE CONTROL

- Wallpad with 7.5m interconnecting cable
- 7 days weekly timer and day display
- TiO2 On-Off and status indication
- Error code display



Specifications : MAC 300-600 R410A 50Hz



Unit Model	Indoor Outdoor		MAC-300	MAC-350	MAC-400	MAC-450	MAC-500	MAC-600		
			YVC-150x2	YVC-100+ YVC125x2	YVC-100x4	YVC-150x3	YVC-125x4	YVC-150x4		
Nominal Capacities	Cooling	Btu/hr	300,000	350,000	400,000	450,000	500,000	600,000		
		kW	87.92	102.58	117.23	131.89	146.54	175.85		
Power Supply		V/Ph/Hz	380-415/3/50							
Power Consumption		kW	35.95	43.65	45.73	52.88	62.88	67.63		
Running Current		A	75.00	92.70	97.80	110.40	133.50	142.00		
Refrigerant Type	R-410A									
Indoor Unit	Power Supply		V/Ph/Hz						380-415/3/50	
	Fan motor	Blower Material		Zinc Coated Steel						
		Fan Type / Drive		Centrifugal / Belt driven						
		Speed (H/M/L)	rpm	700	819	630	663	700	580	
		Running Current	A	11.8	15.6	11.8	15.6	22.3	15.6	
		Motor Quantity	Ea	1						
		Motor Type		Squirrel Cage Induction						
		Input Power	W	6,446	8,625	6,446	8,625	12,475	8,625	
		Air flow	CFM	10,000	10,500	12,000	13,500	17,000	15,000	
		ESP	Pa	100	200			250	100	
	Coil	Material (Tube/Fins)		Seamless Copper Tube / Aluminium Fins						
		Fin per inch / Unit		14	12	14		12		
	Unit Dimension (HxWxD)		mm	1165/1905/1242	1368/1905/1242	1368/2422/1518			1772/2442/1820	
	Packing Dimension (HxWxD)		mm	1395x2005x1345	1595x2005x1345	1595x2530x1615			1970x2530x1915	
	Weight (Included Packing)		kg	378	503	556	570	850	920	
	Piping	Pipe Connection	Liquid	inch						5/8"
			Suction	inch	1-3/8"	1-3/8", 1-1/8"		1-1/8"	1-3/8"	
			Drain	inch	1"					
Outdoor Unit	Power Supply		V/Ph/Hz						380-415/3/50	
	Compressor	Qty / unit		1						
		Compressor Type		Scroll						
		Locked Rotor Amp (LRA)	A	174 x 2	140 x 2 + 118	118 x 4	174 x 3	140 x 4	174 x 4	
		Nominal Current	A	28.6 x 2	25 x 2 + 20	20 x 4	28.6 x 3	25 x 4	28.6 x 4	
		Input Power	W	13500 x 2	11600 x 2 + 9110	9110 x 4	13500 x 3	11600 x 4	13500 x 4	
	Fan motor	Qty / unit		1						
		Fan Type / Drive		Propeller / Direct Drive						
		Blade Material		Aluminium						
		Rated Running Current	A	3.0 x 2	2.8 x 2 + 1.5	1.5 x 4	3 x 3	2.8 x 4	3 x 4	
		Rated Input	W	1250 x 2	1000 x 2 + 710	710 x 4	1250 x 3	1000 x 4	1250 x 4	
	Coil	Material (Tube/Fins)		Copper Tube / Aluminium Fins						
		Fin per inch / Unit		16	15		16	15	16	
	Unit Dimension (HxWxD)		mm	1495/965/940	1292/965/940		1495/965/940	1292/965/940	1495/965/940	
	Weight (Included Packing) / Unit		Kg	241	213/209	209	241	213	241	
	Pipe Connection	Liquid	inch	5/8"						
		Suction	inch	1-3/8"	1-3/8", 1-1/8"		1-1/8"	1-3/8"		

Remarks: The above design and specifications are subject to change without prior notice for product improvement.

Rating Conditions	Cooling	Heating
Indoor Temperature	27°C DB/19°C WB	20°C DB/15°C WB
Outdoor Temperature	35°C DB/24°C WB	7°C DB/6°C WB

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035T80540-000

Air-cooled ducted split Air Conditioners



- MAC 75-100**
- Standard horizontal air discharge
 - Adjustable 3 fan speed (direct drive)
 - Designed ESP 100 Pa
 - Build in filter rack
- MAC 125-250**
- Standard horizontal air discharge
 - Belt driven
 - Designed ESP 150 Pa for MAC 125-200
 - Designed ESP 200 Pa for MAC 250
 - Build in filter rack
 - Convertible to vertical discharge at site

MAC 75-100

NEW R410A

MAC 125-150



- YVC**
- High efficiency scroll compressor
 - High and low pressure protection
 - Phase reversal protection
 - Vertical air discharge

YVC 75-150



- REMOTE CONTROL MAC 75-150**
- Small wired controller
 - Cooling operation mode (auto/cool/dry/fan)
 - Sleep mode and independent On-Off timer
 - LCD display clock
 - Self diagnostic function
 - Room temperature setting



- SEQUENTIAL REMOTE CONTROL MAC 200-250**



Specifications: MAC 75-250/YVC 75-150 R410A 50Hz

Unit Model	Indoor		MAC-75	MAC-100	MAC-125	MAC-150	MAC-200	MAC-250	
	Outdoor		YVC75	YVC100	YVC125	YVC150	YVC100x2	YVC125x2	
Nominal Capacities	Cooling	Btu/hr	75,000	100,000	125,000	150,000	200,000	250,000	
		kW	21.98	29.31	36.64	43.96	58.62	73.27	
Power Supply	V/Ph/Hz		380-415/3/50						
Power Consumption	kW		8.96	11.39	19.05	16.67	23.30	28.86	
Running Current	A		24.40	29.50	39.60	35.30	49.78	62.38	
Refrigerant Type			R-410A						
Indoor Unit	Power Supply		V/Ph/Hz 220-240/1/50			380-415/3/50			
	Fan motor	Blower Material		Zinc Coated Steel					
		Fan Type / Drive		Forward Curve Centrifugal Direct Drive			Forward Curve Centrifugal / Belt Driven		
		Speed (H/M/L)	rpm	1350/1150/980	1250/1150/1050	900/820/725	1380	836	660
		Running Current	A	6.5	4.0 x 2	11.8	3.7	6.78	
		Motor Quantity	Ea	1	2	1			
		Motor Size (output)	W	850.0	400 x 2	5,500	1,500	3,000	
		Input Power	W	1300	787 x 2	6,446	1,924	3,659	
		Air flow	CFM	2500	3300	8258	4400	6400	8300
		ESP	Pa	150	100	75	150		100
	Coil	Material (Tube/Fins)		Copper Tube / Aluminum Fins					
		Fin per inch		14					
	Unit Dimension (HxWxD)		mm	485/1560/765	550/1560/765	1165/1905/1242	870/1575/985	870/1905/985	1165/1905/1242
	Packing Dimension (HxWxD)		mm	695X1675X865	760X1675X865	1395X2005X1345	1100X1675X1085	1100X2005X1085	1395x2005x1345
	Weight (included Packing)		kg	129.0	150.0	362.0	217.0	235.0	368.0
	Piping	Pipe Connection	Liquid	inch 5/8					
			Suction	inch 1-1/8			inch 1-3/8		inch 1-1/8
Drain			inch 1						
Outdoor Unit	Power Supply		V/Ph/Hz		380-415/3/50				
	Compressor	Qty		1					
		Compressor Type		Scroll					
		Locked Rotor Amp (LRA)	A	95.0	118.0	140.0	174.0	118 x 2	140 x 2
		Nominal Current	A	16.4	20.0	25.0	28.6	20 x 2	25 x 2
		Input Power	W	6950	9110	11600	13500	9110 x 2	11600 x 2
	Fan motor	Qty		1					
		Fan Type / Drive		Propeller / Direct Drive					
		Blade Material		Aluminium					
		Rated Running Current	A	1.50		2.80	3.00	1.5 x 2	2.8 x 2
		Rated Input	W	710		1000	1250	710 x 2	1000 x 2
	Coil	Material (Tube/Fins)		Copper Tube / Aluminum Fins					
		Fin per inch		12	15		16	15	
	Unit Dimension (HxWxD)		mm	1089x965x940	1292x965x940		1495x965x940	1292x965x940	
	Packing Dimension (HxWxD)		mm	1250x1080x1100	1455x1080x1100		1655x1080x1100	1455x1080x1100	
	Weight (Packing)		Kg	194.0	209.0	213.0	241.0	209.0	213.0
	Pipe Connection	Liquid	inch 5/8						
Suction		inch 1-1/8			inch 1-3/8		inch 1-1/8	inch 1-3/8	

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Outdoor Temperature	35°C DB/24°C WB	7°C DB/6°C WB

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