

High Static Pressure Blower

SPLIT SYSTEMS

R407C



- High external static pressure
- Ducted installation
- Accessibility



MBC-MBH 25 to 65



MOC-MOH 25-35



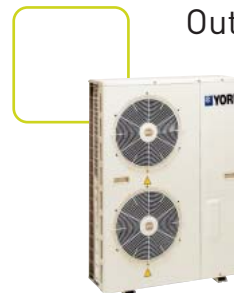
MOC-MOH 45-65



Wired control

- 5 operations modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- Room temperature setting
- Fan speed selection
- Timer
- Filter dirty indicator timer
- LCD display
- Indoor unit LED Diagnostic Function

Outdoor unit option



Dual Split

R407C

High Static Pressure Blower

MBC-MBH 25 to 65



Technical features

		MBC - MBH					
Models	Sizes	25P	35P	45P	55P	65P	
Cooling capacity	kW	6.5	8.8	12.3	14.1	16.4	
Heating capacity	kW	6.5	8.7	12.2	13.9	16.3	
Compressor	Type	Rotary Scroll					
Refrigerant		R407C					
Power supply	V/Ph/Hz	230 / 1 / 50 + E		400 / 3 / 50 + E + N			
Power input	kW	2.7	3.7	4.9	5.8	6.8	
Fuse rating	A	20	10	16	16	16	
Indoor airflow	m ³ /h	2 160	2 900	3 200	3 600	3 800	
Available static pressure*	Pa	130	150	170	200	180	
Electric heater (in option for MBH)	kW	2.5		4.5			
Operating controls		Wired					
Dimensions	Ind./Outd.	H (mm)	400 / 696	400 / 900	400 / 1 142	400 / 1 142	400 / 1 142
		W (mm)	718 / 850	924 / 1 060	1 204 / 1 060	1 204 / 1 060	1 404 / 1 060
		D (mm)	616 / 287	616 / 345	616 / 345	616 / 345	616 / 345
Net weight	Indoor	kg	39	44	50	52	60
	Outdoor	kg	69	108	122	127	130
Piping	Type of connection		Flare				
	Diameter	Gas	5/8"	5/8"	3/4"	3/4"	3/4"
		Liquid	3/8"	3/8"	3/8"	3/8"	3/8"
Refrigerant charge (c/o - h/p)	g	2100 - 2100	3000 - 2500	3000 - 3000	4000 - 4000	4700 - 4700	
Max pipe run	m	25	25	30	30	30	
Operating limits - cooling mode	mini / maxi	+19°C (0°C with low temperature kit (accessory)) / +46°C					
Operating limits - heating mode	mini / maxi	-10°C / +24°C					

* High speed at 80% of maximum airflow

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB

Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB

Piping length : 7.5 m with initial charge

Accessories

Sizes	25P	35P	45P	55P	65P
New Square wired remote control	AMR03P				
Condensate pump	AMP01B	AMP02A			
PCB link	625T300012-000				
Wall mounting kit	AMW50A				
Floor mounting kit	AMF44B				
Low ambient kit for MOC	625T20003-000				
Low ambient kit for MOH	625T20003-000 + 024T05052-000				
Electric heater	Contact YORK				
Discharge plenum	Contact YORK				