

TECHNICAL SPECIFICATIONS - VRF - MBHX - COMPACT 4-WAY CASSETTE

COMPACT DESIGN

Suits half T-bar grid. Units maintain the uniform length and width with consistent ceiling opening and panel dimension. Convenient for design and installation.

ULTRA-LOW NOISE AND OPERATION

DC inverter motor can realise step-less speed regulation to lower noise. Indoor unit can be set to work under auto quiet mode via wired controller.

CONDENSATE PUMP

Comes standard with condensate pump, (water height difference up to 1.0m), which can effectively drain out condensing water and save space.

AII DC INVERTER TECHNOLOGY

All motors adopt energy-efficient DC inverter technology.

INTELLIGENT NETWORK

CAN Bus communication technology allows for system response speed to be faster and for communication to be more reliable.

CENTRAL CONTROL

One wired controller can control multiple indoor units. With various functions: group management, schedule management, single unit control, temp setting, fan speed, quiet, swing control. Central controller interface has elegant and fashionable appearance.

PERFORMANCE SUMMARY

Indoor Unit	Airflow l/s (m ³ /h)	Cooling Capacity	Heating Capacity
MBHX022D1C	165 (600)	2.2	2.5
MBHX028D1C	165 (600)	2.8	3.2
MBHX036D1C	165 (600)	3.6	4.0
MBHX045D1C	194 (700)	4.5	5.0
MBHX050D1C	194 (700)	5.0	5.6
MBHX056D1C	194 (700)	5.6	6.3

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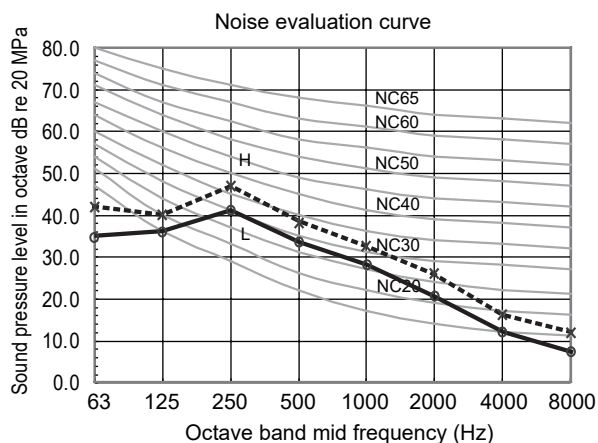
TECHNICAL SPECIFICATIONS

Braemar Part Number		MBHX022D1C	MBHX028D1C	MBHX036D1C	MBHX045D1C
Power Supply	V / Ph / Hz	220-240 / 1 / 50			
Cooling Capacity	kW	2.2	2.8	3.6	4.5
Heating Capacity	kW	2.5	3.2	4.0	5.0
Indoor Power (Rated)	W	35	35	35	45
Current (Max)	A	0.4	0.4	0.4	0.5
Air flow	(H/M/L) m³/h	600/500/400	600/500/400	600/500/400	700/600/480
Sound Pressure Level	(H/M/L) dB(A)	41/39/35	41/39/35	41/39/35	45/43/38
Connection Pipe	Liquid (mm)	Ø6.35	Ø6.35	Ø6.35	Ø6.35
	Gas (mm)	Ø9.52	Ø9.52	Ø12.7	Ø12.7
Drain Pipe	Dia / thick (mm)	25 / 2.5	25 / 2.5	25 / 2.5	25 / 2.5
Built In Drain Pump		Yes			
Main Body Dimensions	Outline (mm)	596 x 596 x 240			
	Packaged (mm)	773 x 773 x 300			
Weight (Net / Gross)	kg	20.5 / 25.5			
Panel Dimensions W x D x H	Outline (mm)	670 x 670 x 50			
	Packaged (mm)	763 x 763 x 105			
Panel Net Weight / Gross Weight	kg	3.5 / 5.0			

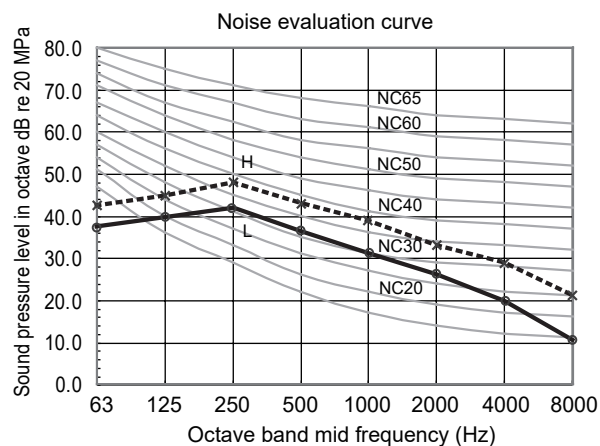
Braemar Part Number		MBHX050D1C	MBHX056D1C
Power Supply	V / Ph / Hz	220-240 / 1 / 50	
Cooling Capacity	kW	5.0	5.6
Heating Capacity	kW	5.6	6.3
Indoor Power (Rated)	W	45	45
Current (Max)	A	0.5	0.5
Air flow	(H/M/L) m³/h	700/600/480	700/600/480
Sound Pressure Level	(H/M/L) dB(A)	45/43/38	45/43/38
Connection Pipe	Liquid (mm)	Ø6.35	Ø9.52
	Gas (mm)	Ø12.7	Ø15.9
Drain Pipe	Dia / thick (mm)	25 / 2.5	25 / 2.5
Built In Drain Pump		Yes	
Main Body Dimensions	Outline (mm)	596 x 596 x 240	
	Packaged (mm)	733 x 733 x 300	
Weight (Net / Gross)	kg	20.5 / 25.5	
Panel Dimensions W x D x H	Outline (mm)	670 x 670 x 50	
	Packaged (mm)	763 x 763 x 105	
Panel Net Weight / Gross Weight	kg	3.5 / 5.0	

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NOISE CURVES



MBHX022D1C
MBHX028D1C
MBHX036D1C



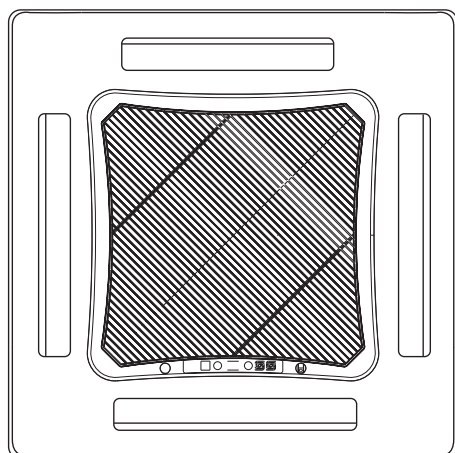
MBHX045D1C
MBHX050D1C
MBHX056D1C

Note:

1. The noise level is measured in a semi-anechoic room.
It will be slightly higher due to change of the environment during actual operation.
2. The noise level is measured under the standard test condition.

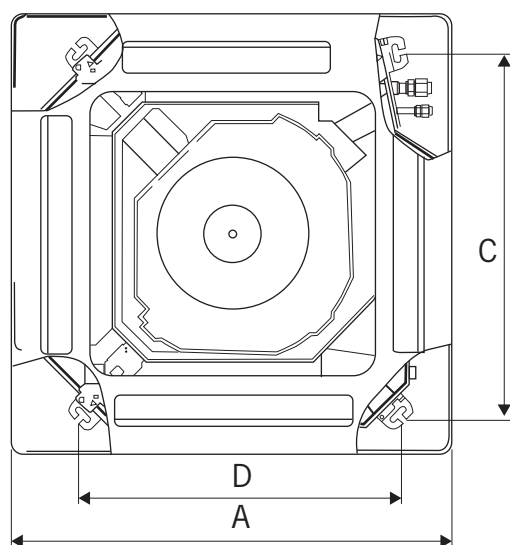
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DIMENSIONS - INDOOR UNIT

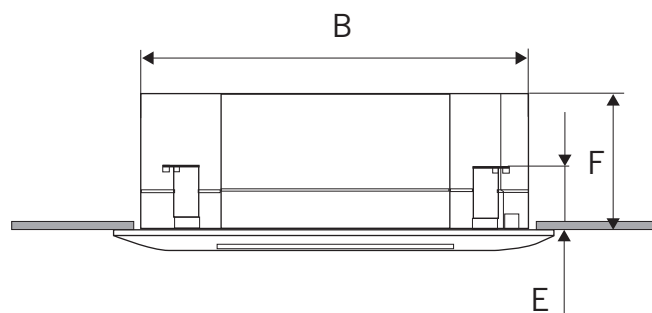


Facia Panel

Dimensions are in mm



Bottom View



Side View

Model	A	B	C	D	E	F
MDHX022D1C	670	596	592	571	145	240
MDHX028D1C	670	596	592	571	145	240
MDHX036D1C	670	596	592	571	145	240
MDHX045D1C	670	596	592	571	145	240
MDHX050D1C	670	596	592	571	145	240
MDHX056D1C	670	596	592	571	145	240