

TECHNICAL SPECIFICATIONS - VRF - MLHX - LOW WALL CONSOLE UNIT

DISCREET APPEARANCE

Elegant and discreet front panel blends in well with interior decor.

CONDENSATE PUMP

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

MULTIPLE FAN SPEEDS

The fan can operate in multiple speeds and satisfy different air flow volume requirements.

DETACHABLE GRILLE AND LONG LIFE FILTER

Grille is detachable for easy cleaning. With long life filter, cleaning cycle is 20 times longer.

SLEEP MODE

Braemar sleep mode gently raises or lowers the temperature automatically to maintain a comfortable room temperature and save energy. Depending on the indoor temperature selected the heat pump will automatically select a sleep curve before turning the unit off preventing sudden changes in temperature.

AII DC INVERTER TECHNOLOGY

Braemar Inverter technology allows a room to reach the required temperature more rapidly than a fixed speed heat pump. It also eliminates the stop start operation used by fixed speed heat pumps. This can lead to power savings of up to 30% when sized correctly for the living space.

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.

TOE WARMING FUNCTION

The indoor unit has a twin air flow design. When heating, the warm air will be directed to the floor to keep your feet warm.

PERFORMANCE SUMMARY

Indoor Unit	Airflow l/s (m ³ /h)	Cooling Capacity	Heating Capacity
MLHX022D1S	110 (400)	2.2	2.5
MLHX028D1S	110 (400)	2.8	3.2
MLHX036D1S	135 (480)	3.6	4.0
MLHX045D1S	160 (580)	4.5	5.0
MLHX050D1S	160 (580)	5.0	5.5

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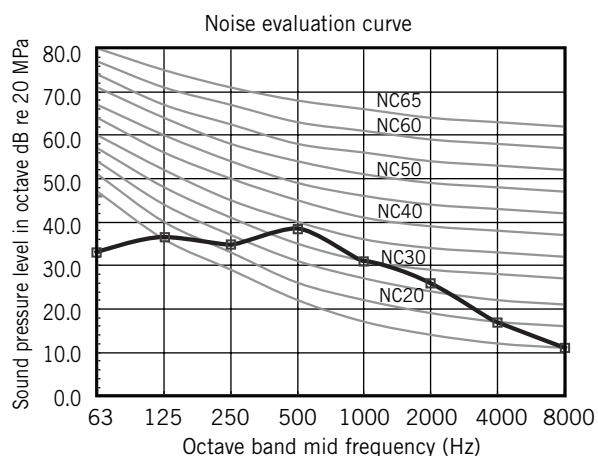
TECHNICAL SPECIFICATIONS

Braemar Part Number		MLHX022D1S	MLHX028D1S	MLHX036D1S
Power Supply	V / Ph / Hz	220-240 / 1 / 50		
Cooling Capacity	kW	2.2	2.8	3.6
Heating Capacity	kW	2.5	3.2	4.0
Indoor Power (Rated)	W	15	15	20
Current (Max)	A	0.17	0.17	0.25
Air flow	(H/M/L) m³/h	400/320/270	400/320/270	480/400/300
Sound Pressure Level	(H/M/L) dB(A)	38/33/27	38/33/27	40/37/32
Connection Pipe	Liquid (mm)	Ø6.35	Ø6.35	Ø6.35
	Gas (mm)	Ø9.52	Ø9.52	Ø9.52
Drain Pipe	Dia / Thick (mm)	28 / 1		
Built in Drain Pump		No		
Dimensions W x D x H	Outline (mm)	700 x 215 x 600		
	Packaged (mm)	788 x 283 x 777		
Weight (Net / Gross)	kg	16 / 19		

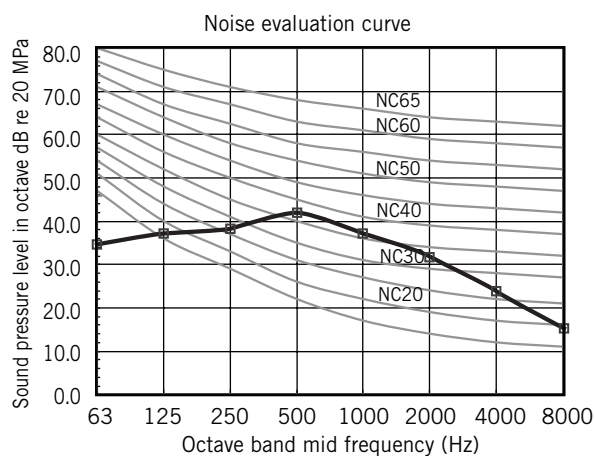
Braemar Part Number		MLHX045D1S	MLHX050D1S
Power Supply	V / Ph / Hz	220-240 / 1 / 50	
Cooling Capacity	kW	4.5	5.0
Heating Capacity	kW	5.0	5.5
Indoor Power (Rated)	W	40	40
Current (Max)	A	0.4	0.4
Air flow	(H/M/L) m³/h	580/600/500	580/600/500
Sound Pressure Level	(H/M/L) dB(A)	46/43/39	46/43/39
Connection Pipe	Liquid (mm)	Ø6.35	Ø6.35
	Gas (mm)	Ø12.7	Ø12.7
Drain Pipe	Dia / Thick (mm)	28 / 1	
Built in Drain Pump		No	
Dimensions W x D x H	Outline (mm)	700 x 215 x 600	
	Packaged (mm)	788 x 283 x 777	
Weight (Net / Gross)	kg	16 / 19	

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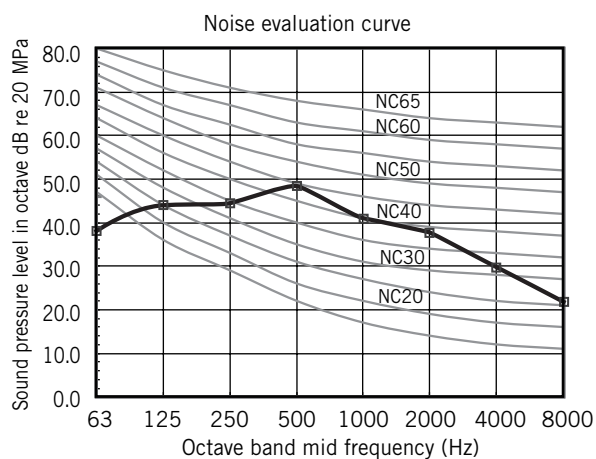
NOISE CURVES



MLHX022D1S
MLHX028D1S



MLHX036D1S



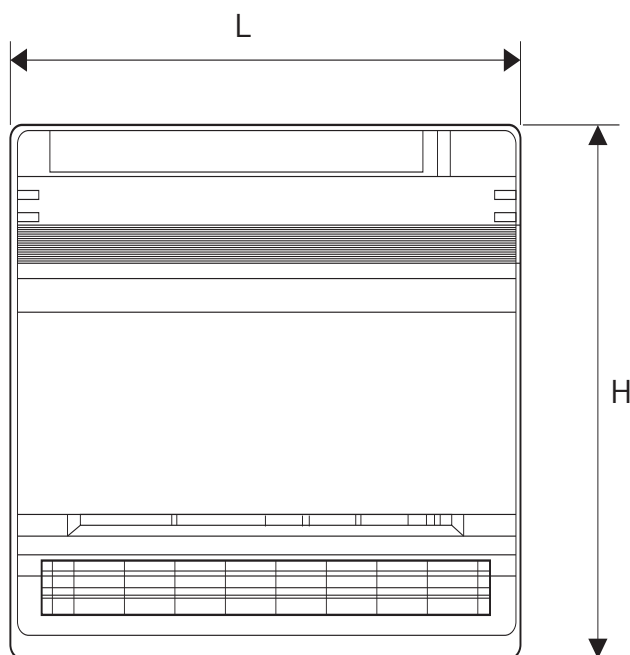
MLHX045D1S
MLHX050D1S

Note:

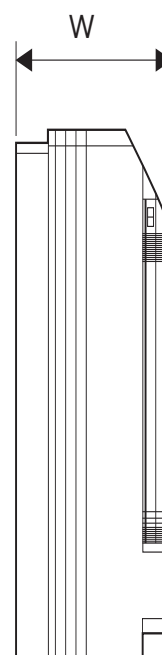
1. The noise level is measured in a semi-anechoic room. It will be slightly higher due to change of the environment during actual operation.
2. The noise level is measured under the standard test condition.

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DIMENSIONS - INDOOR UNIT



Front View



Side View

Dimensions are in mm

Model	L	W	H
MLHX022D1S	700	215	600
MLHX028D1S	700	215	600
MLHX036D1S	700	215	600
MLHX045D1S	700	215	600
MLHX050D1S	700	215	600