HYDRONIC TERMINALS

MHD2 30 - 60

High - Wall type Terminal
2,15-4,63 kW

MHD2 belongs to hi-wall fan-coils of Climaveneta. The compactness of this model and its exclusive elegance soften the visual impact and make it ideal for residential and small tertiary installations.

Version

- Base Version

Features

Fan coil in ABS with high mechanical characteristics and resistance to ageing;
Adjustable air flow direction;
Arrangement for right-left condensate drain pipe;
Management of all functions by remote control
Removable panel;

Accessory

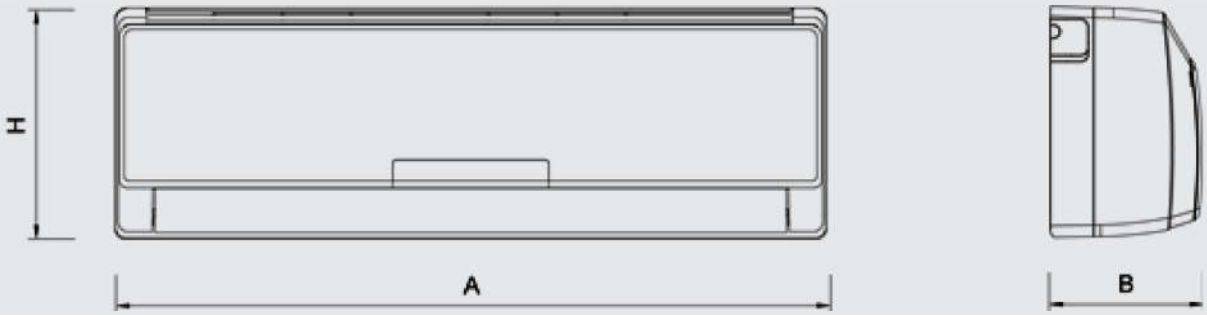
- Frame kit
- Solenoid valve 2 ways 1/2"
- Solenoid valve kit 3 ways, 4 fits 1/2" with frame
- Condensate drain pump

Controls

Remote control
In combination with (i)HB powerboard on board of the units, it's possible to have Set-point regulation, selection of functioning mode (cool, heat, dehumidify, fan), and fan speed (Max, Med, Min, AUTO). User-sfriendly compact remote control with fine aethetics.

MHD2			30	40	50	60
ELECTRICAL DATA						
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
2 PIPES SYSTEM CONFIGURATION						
ENERGY EFFICIENCY						
COOLING (EN14511 VALUE)						
FCEER	(1)(6)	kW/kW	74	81	82	92
FCEER Class			D	C	C	C
HEATING ONLY (EN14511 VALUE)						
FCCOP	(2)(6)	kW/kW	86	98	98	101
FCCOP Class			D	D	D	C
PERFORMANCE						
MIN SPEED						
Fan Power Input	(1)	W	23,0	22,0	33,0	37,0
Air flow rate	(1)	m³/h	334	403	570	697
Total capacity in cooling mode	(1)	kW	1,65	1,78	2,67	3,36
Total Net Cooling Capacity	(1)(6)(7)	kW	1,63	1,76	2,64	3,32
Sensible capacity in cooling mode	(1)	kW	1,33	1,45	2,13	2,58
Net sensible cooling capacity	(1)(6)(7)	kW	1,31	1,43	2,10	2,54
Net latent power in cooling	(1)(6)(7)	kW	0,32	0,33	0,54	0,78
Max water flow	(1)	l/s	0,08	0,09	0,13	0,16
Pressure Drop in cooling mode	(1)	kPa	10	9	22	31
Total capacity (heating mode)	(2)	kW	1,56	1,75	2,63	2,97
Total Net Heating Capacity	(2)(6)	kW	1,58	1,77	2,67	3,01
Water flow in heating mode	(2)	l/s	0,08	0,08	0,13	0,14
Pressure drop in heating mode	(2)	kPa	9	9	22	26
Sound Pressure	(3)	dB(A)	27	28	37	42
Sound Power	(4)(7)	dB(A)	38	39	48	53
MED SPEED						
Fan Power Input	(1)	W	25,0	25,0	37,0	41,0
Air flow rate	(1)	m³/h	376	522	691	810
Total capacity in cooling mode	(1)	kW	1,85	1,89	3,00	3,86
Total Net Cooling Capacity	(1)(6)(7)	kW	1,83	1,87	2,96	3,82
Sensible capacity in cooling mode	(1)	kW	1,50	1,62	2,57	2,97
Net sensible cooling capacity	(1)(6)(7)	kW	1,48	1,60	2,53	2,93
Net latent power in cooling	(1)(6)(7)	kW	0,35	0,27	0,43	0,89
Max water flow	(1)	l/s	0,09	0,09	0,14	0,18
Pressure Drop in cooling mode	(1)	kPa	11	10	26	38
Total capacity (heating mode)	(2)	kW	1,77	1,96	2,98	3,46
Total Net Heating Capacity	(2)(6)	kW	1,80	1,99	3,02	3,50
Water flow in heating mode	(2)	l/s	0,09	0,09	0,14	0,17
Pressure drop in heating mode	(2)	kPa	10	10	26	33
Sound Pressure	(3)	dB(A)	31	34	41	45
Sound Power	(4)(7)	dB(A)	42	45	52	56
MAX SPEED						
Fan Power Input	(1)	W	27,0	28,0	40,0	50,0
Air flow rate	(1)	m³/h	436	632	780	920
Total capacity in cooling mode	(1)	kW	2,15	2,67	4,00	4,63
Total Net Cooling Capacity	(1)(6)(7)	kW	2,12	2,64	3,96	4,58
Sensible capacity in cooling mode	(1)	kW	1,71	2,13	3,02	3,56
Net sensible cooling capacity	(1)(6)(7)	kW	1,68	2,10	2,98	3,51
Net latent power in cooling	(1)(6)(7)	kW	0,44	0,54	0,98	1,07
Max water flow	(1)	l/s	0,10	0,13	0,19	0,22
Pressure Drop in cooling mode	(1)	kPa	12	15	39	50
Total capacity (heating mode)	(2)	kW	2,01	2,62	3,39	4,12
Total Net Heating Capacity	(2)(6)	kW	2,04	2,65	3,43	4,17
Water flow in heating mode	(2)	l/s	0,10	0,13	0,16	0,20
Pressure drop in heating mode	(2)	kPa	12	15	31	42
Sound Pressure	(3)	dB(A)	34	41	44	49
Sound Power	(4)(7)	dB(A)	45	52	55	60
SIZE AND WEIGHT						
A	(5)	mm	845	845	920	920
B	(5)	mm	180	180	200	200
H	(5)	mm	270	270	298	298
Operating weight	(5)	kg	10	10	13	13

Notes:
1 Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
2 Room temperature 20°C d.b., hot water (in/out) 45°C/40°C.
3 Sound pressure level in free field on a reflective surface, 1 m from fan front and 1 m from the ground. Non -binding value obtained fron sound power level.
4 Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
5 Unit in standard configuration/execution, without optional accessories.
6 Values in compliance with EN14511-3:2013.
7 Values in compliance with [REGULATION (EU) N. 2016/2281]
Certified data in EUROVENT


H
A
B