

MIC 30÷50



Hi-wall type fan-coils 1,9 - 6,9 kW

Unit Description

MIC belongs to hi-wall type fan-coils of Climaveneta. The compactness of this model and its exclusive elegance soften the visual impact and make it ideal for installations in residential and small tertiary installations. MIC participates to EUROVENT certification programme.

Commands

PRH Controller

ON/OFF switch with selector for 3 fan speeds.

PSH controller

Thermostat, summer/winter switch.

PTH controller

ON/OFF/summer/winter switch, resistor switch, thermostat, switch for 3 fan speeds.

PTH2 controller

ON/OFF-summer/winter switch, resistor switch, thermostat, switch for 3 fan speeds, auxiliary controls.

PCT wall controller

Off/summer/winter selector switch. Room temperature control. Room temperature sensor. Coil temperature sensor. Three speed air flow control. Continuous fan speed. Available infrared remote control.

PCE and PCE PWM wall controller

Off/summer/winter/auto selector switch. Room temperature control. Room temperature sensor. Coil temperature sensor. Three speed air flow control + auto. Automatic summer/winter switching. Automatic ON/OFF valve control. Continuous fan speed. Window sensor. Available infrared remote control. PWM valve unit control.

Versions

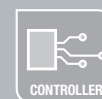
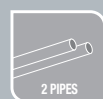
MIC	Electronic unit (with remote control)
MICU	Electromechanical unit (without remote control)
MIC VL	Electronic unit (with remote control and valve unit)

Features

- Adjustable air flow direction;
- Arrangement for right-left condensate drain pipe;
- Removable panel;
- Activated charcoal filter included;
- Fan coil in ABS with high mechanical characteristics and resistance to ageing;
- Management of all functions by remote control (for MIC versions only):
 - Three fan speeds + auto;
 - Super function;
 - Sleep function;
 - Count down timer;
 - Power failure protection RAM memory;
 - Smart function;
 - Swing function;
 - Fan function only;

Main accessories

- Frame kit
- Interface SPB Kit
- IR receiver and remote control for CE/PCE controller
- Condensate drain pump
- Solenoid valve 2 ways 1/2"
- Solenoid valve kit 3 ways, 4 fits 1/2" with frame



MIC

Models		30	40	50
Air flow rate				
Max speed	m ³ /h	436	632	780
Med speed	m ³ /h	376	522	691
Min speed	m ³ /h	334	403	570
Total output cooling capacity(1)				
Max speed (1)	kW	1,91	2,60	3,60
Med speed(1)	kW	1,73	2,31	3,39
Min speed(1)	kW	1,60	1,95	3
Sensitive output cooling capacity(1)				
Max speed (1)	kW	1,70	2,30	2,80
Med speed(1)	kW	1,39	1,86	2,72
Min speed(1)	kW	1,28	1,54	2,36
Max Water flow(1)	l/h	328	447	619
Max Pressure drop(1)	kPa	8	25	17,7
Total output heating capacity(2)				
Max speed (2)	kW	3,60	4,90	6,90
Med speed(2)	kW	3,06	4,07	6,14
Min speed(2)	kW	2,80	3,37	5,32
Max Water flow(2)	l/h	292	451	630
Max Pressure drop(2)	kPa	8	18	12
Med Pressure drop(2)	kPa	2	3	7
Total output heating capacity(3)				
Max speed (3)	kW	3,05	4,15	4,42
Med speed(3)	kW	2,22	3	3,77
Min speed(3)	kW	2,07	2,50	3,38
Water flow Max(3)	l/h	328	447	619
Pressure drop Max(3)	kPa	7	22	14
Sound pressure level(4)				
Max speed (4)	dB(A)	35	37	48
Med speed(4)	dB(A)	32	31	47
Min speed(4)	dB(A)	29	28	41
Water IN connection	mm	12	12	12
Water OUT connection	mm	12	12	12
Max absorbed power	W	26	42	54
Max absorbed current	A	0,15	0,20	0,23
Electrical power supply	V-Ph-Hz	230V-50Hz	230V-50Hz	230V-50Hz
DIMENSION				
L	(mm)	830	830	907
H	(mm)	285	285	290
P	(mm)	236	236	236
Weight	kg	11	11	14

Data referred to

1 Operation in cooling mode: room temperature 27°C d.b./19°C w.b., chilled water at inlet 7°C and at outlet 12°C

2 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 60°C and at outlet 50°C

3 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 50°C, with identical flow rate that in the cooling mode

4 Noise level measured at 1 m in open field conditions

MICU

Models		30	40	50
Air flow rate				
Max speed	m3/h	436	632	780
Med speed	m3/h	376	522	691
Min speed	m3/h	334	403	570
Total output cooling capacity(1)				
Max speed (1)	kW	1,91	2,60	3,60
Med speed(1)	kW	1,73	2,31	3,39
Min speed(1)	kW	1,60	1,95	3
Sensitive output cooling capacity(1)				
Max speed (1)	kW	1,70	2,18	2,80
Med speed(1)	kW	1,39	1,76	2,72
Min speed(1)	kW	1,28	1,46	2,36
Max Water flow(1)	l/h	328	447	619
Max Pressure drop(1)	kPa	8	34	18
Total output heating capacity(2)				
Max speed (2)	kW	3,60	4,90	6,90
Med speed(2)	kW	3,06	4,07	6,14
Min speed(2)	kW	2,80	3,37	5,32
Max Water flow(2)	l/h	292	451	630
Max Pressure drop(2)	kPa	8	18	12
Total output heating capacity(3)				
Max speed (3)	kW	3,05	3,33	4,28
Med speed(3)	kW	2,22	2,41	3,65
Min speed(3)	kW	2,07	2	3,27
Water flow Max(3)	l/h	328	447	619
Pressure drop Max(3)	kPa	7	33	14
Sound pressure level(4)				
Max speed (4)	dB(A)	35	37	49
Med speed(4)	dB(A)	32	31	44
Min speed(4)	dB(A)	29	28	40
Water IN connection	mm	12	12	12
Water OUT connection	mm	12	12	12
Max absorbed power	W	26	42	47
Max absorbed current	A	0,15	0,20	0,23
Electrical power supply	V-Ph-Hz	230V-50Hz	230V-50Hz	230V-50Hz
DIMENSION				
L	(mm)	830	830	907
H	(mm)	285	285	290
P	(mm)	236	236	236
Weight	kg	11	11	14

Data referred to

1 Operation in cooling mode: room temperature 27°C d.b./19°C w.b., chilled water at inlet 7°C and at outlet 12°C

2 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 60°C and at outlet 50°C

3 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 50°C, with identical flow rate that in the cooling mode

4 Noise level measured at 1 m in open field conditions

MIC VL

Models		30	50
Air flow rate			
Max speed	m3/h	540	600
Med speed	m3/h	478	527
Min speed	m3/h	439	507
Total output cooling capacity(1)			
Max speed (1)	kW	1,95	2,50
Med speed(1)	kW	1,75	2,35
Min speed(1)	kW	1,60	2,20
Sensitive output cooling capacity(1)			
Max speed (1)	kW	1,75	2,10
Med speed(1)	kW	1,60	1,90
Min speed(1)	kW	1,45	1,75
Max Water flow(1)	l/h	334	430
Max Pressure drop(1)	kPa	18	25
Total output heating capacity(2)			
Max speed (2)	kW	3,50	4,50
Med speed(2)	kW	3,20	4,15
Min speed(2)	kW	2,95	3,85
Max Water flow(2)	l/h	300	386
Max Pressure drop(2)	kPa	17	19
Total output heating capacity(3)			
Max speed (3)	kW	2,75	3,50
Med speed(3)	kW	2,50	3,20
Min speed(3)	kW	2,30	3
Water flow Max(3)	l/h	334	430
Pressure drop Max(3)	kPa	20	24
Sound pressure level(4)			
Max speed (4)	dB(A)	44	49
Med speed(4)	dB(A)	42	47
Min speed(4)	dB(A)	38	45
Water IN connection	mm	12	12
Water OUT connection	mm	12	12
Max absorbed power	W	46	60
Max absorbed current	A	0,20	0,28
Electrical power supply	V-Ph-Hz	230V-50Hz	230V-50Hz
DIMENSION			
L	(mm)	830	907
H	(mm)	285	290
P	(mm)	236	236
Weight	kg	11	14

Data referred to

1 Operation in cooling mode: room temperature 27°C d.b./19°C w.b., chilled water at inlet 7°C and at outlet 12°C

2 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 60°C and at outlet 50°C

3 Operation in heating mode: room temperature 20°C d.b., hot water at inlet 50°C, with identical flow rate that in the cooling mode

4 Noise level measured at 1 m in open field conditions

Dimension

