

## FAN COIL CASSETTE

### MUCS-W9 Series

MUNDOCLIMA®

#### CHARACTERISTICS:

- 2 Pipes Fan Coil Unit Cassette Type.
- Full 360° panel design.
- Condensate removal pump.
- DC fan motor with 3 speeds.
- 0-10 V input for speed selection.
- Individual slat control (only with RM12F).
- Fresh air intake function.
- Air exhaust to adjacent room.
- Digital display with possibility to switch it off (only by RM12F control).
- Remote signal ON / OFF.
- Possibility to change the compensation temperature.
- Allows connection to centralized CCM control.
- Integrated Modbus communication (RTU).
- Remote control not included, recommended RM12F (CL09101).



#### TECHNICAL SPECIFICATIONS:

Model			MUCS-20-W9	MUCS-24-W9	MUCS-36-W9
Code			CL04433	CL04434	CL04435
Cooling	Capacity (High/ Medium/ Low) <sup>(*)1</sup>		6,12 / 5,45 / 4,6	7,87 / 7,12 / 6,67	11,19 / 8,82 / 7,48
	Water flow (High/ Medium/ Low)		1,10 / 0,96 / 0,81	1,44 / 1,28 / 1,22	1,96 / 1,53 / 1,28
	Charge drop (High/ Medium/ Low)		21,3 / 21,3 / 12,4	22,3 / 18,1 / 16,3	36,6 / 22,7 / 16,4
Heating	45°C	Capacity (High/ Medium/ Low) <sup>(*)2</sup>	6,27 / 6,53 / 5,43	9,16 / 8,54 / 7,9	10,07 / 10,08 / 8,68
		Water flow (High/ Medium/ Low)	1,39 / 1,20 / 1,00	1,73 / 1,57 / 1,46	2,35 / 1,86 / 1,59
		Charge drop (High/ Medium/ Low)	30 / 22,7 / 16,3	28,8 / 24 / 20,7	49,2 / 31,2 / 23,3
	50°C	Capacity (High/ Medium/ Low) <sup>(*)3</sup>	8,62 / 7,49 / 6,27	10,92 / 9,84 / 9,16	14,92 / 11,73 / 10,07
		Water flow (High/ Medium/ Low)	1,10 / 0,96 / 0,81	1,44 / 1,28 / 1,22	1,96 / 1,53 / 1,28
		Charge drop (High/ Medium/ Low)	19,1 / 14,8 / 10,6	20 / 16,2 / 14,7	34,3 / 21,3 / 15
Air flow rate (High/ Medium/ Low)			1299 / 1020 / 810	1581 / 1731 / 1236	1871 / 1415 / 1198
Exchanger water volume			L	0,677	1,015
Power supply			V/ Ph/ Hz	220-240 / 1 / 50	220-240 / 1 / 50
Consumption			W	50	124
Sound pressure (High/ Medium/ Low) <sup>(*)4</sup>			dB(A)	44 / 40 / 34	49 / 43 / 39
Max. working pressure			MPa	1,6	1,6
Fresh air inlet			mm	Ø75	Ø75
Water connections			inch	3/4"	3/4"
Drain connection			mm	Ø32	Ø32
Dimensions	Body (Width x Height x Depth)		mm	840 x 230 x 840	840 x 300 x 840
	Cover (Width x Height x Depth)		mm	950 x 45 x 950	950 x 45 x 950
Weight	Body		kg	23	29,5
	Panel		kg	6,0	6,0

#### Notes:

(\*1) Cooling capacity for each of three air flow rates according to the conditions: Water inlet/outlet temp 7/12°C, Room temp. 27°C DB, 19°C WB.

(\*2) Heating capacity for each of three air flow rates according to the conditions: Water inlet/outlet temp 45/40°C, Room temp. 20°C.

(\*3) Heating capacity for each of three air flow rates according to the conditions: Water inlet/outlet temp 50°C/\*, Room temp. 20°C.

(\*4) Sound pressure level measured in semi-anechoic chamber.

- The above design and specifications are subject to change of product improvement without prior notice.

#### OPTIONALS

More information on the optionals in "MUNDOCLIMA CONTROL SYSTEMS"

##### Wireless control



RM12F  
(CL09101)

##### Wired remote control



KJRP-75A/BK-E  
(CL09218)



KJR-29B1/BK-E  
(CL92869)

##### Centralized controller



CCM30/BKE  
(CL92871)



CCM-15(A)  
(CL92872)



MD-AC-KNX  
(CL94792/  
CL99094-095)



INBACMID  
(CL99222/  
CL99210)

##### BMS

##### Accessories



KJR-150A/M-E  
(CL97156)



ON/OFF  
CONNECTOR  
(CL94832)



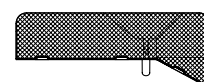
3 way valves  
with bypass  
(CO12151)



Actuator Valve  
(CO12231)



Valve connection set  
(CL09418)



Condensate tray valve  
(CL09414)



K-380EW  
(CO14907)

##### WIFI