

## FAN COIL CASSETTE MUCS-W7 Series

MUND  CLIMA®

- 2 Pipes Fan Coil Unit Cassette Type.
- Design 360°
- Models 14 and 16 of compact size.
- Low noise and low-energy consumption DC fan motor.
- Condensate removal pump.
- Fresh air intake function.
- Ducted outlet for exhaust air in adjacent room.
- Remote ON / OFF signal (optional).
- Wireless remote control included.
- Wall control with "Follow me" function KJR-29B (optional).
- CCM Centralized Control (optional).



Remote control included



Wired control (optional)



Centralized controller CCM (Optional)



### Design 360°

Thanks to the 360° panel design, the air is more evenly distributed.



### Automatic restart

Recovery of the adjustments before the electrical cut.



### Timer function

The timer can be set to start and stop at any point in a 24-hour period.



### Remote signal

The device has an external ON/OFF input.



### Centralized controller CCM

Possibility to control several units from only one control. It can directly control up to 64 units of different systems (Air conditioners Inverter H6, H7, H8, MVD and Fan coil units W7 series) (optional).

### OPTIONALS

- 3 way valves with bypass included (CO05506 + CO05509).
- Wired wall control (CL92869)
- Centralized controller CCM (CL92871).
- Connector for external ON / OFF:
  - MUCS-14/16-W7 (CL94831)
  - MUCS-20/24/36-W7 (CL94832)

### TECHNICAL SPECIFICATIONS

Model			MUCS-14-W7	MUCS-16-W7	MUCS-20-W7	MUCS-24-W7	MUCS-36-W7	
Code			CL 04 420	CL 04 421	CL 04 422	CL 04 423	CL 04 424	
Cooling	Capacity (High/Medium/Low) <sup>(1)</sup>	kW	3.96/3.26/2.76	4.2/3.48/3.01	6.12/5.45/4.6	7.87/7.12/6.67	11.19/8.82/7.48	
	Water flow (High/Medium/Low)	m³/h	0.7/0.58/0.51	0.75/0.61/0.54	1.10/0.96/0.81	1.44/1.28/1.22	1.96/1.53/1.28	
	Water pressure drop (High/Medium/Low)	kPa	11.48/8.2/6.54	12.32/8.62/7.4	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>	kW	4.63/3.79/3.1	4.95/3.99/3.26	6.27/6.53/5.43	9.16/8.54/7.9	10.07/10.08/8.68
		Water flow (High/Medium/Low)	m³/h	0.83/0.67/0.56	0.87/0.70/0.58	1.39/1.20/1.00	1.73/1.57/1.46	2.35/1.86/1.59
		Water pressure drop (High/Medium/Low)	kPa	9.2/8.6/6	9.4/8.23/6.1	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>	kW	5.4/4.34/3.57	5.76/4.69/3.84	8.62/7.49/6.27	10.92/9.84/9.16	14.92/11.73/10.07
		Water flow (High/Medium/Low)	m³/h	0.7/0.58/0.51	0.75/0.61/0.54	1.10/0.96/0.81	1.44/1.28/1.22	1.96/1.53/1.28
		Water pressure drop (High/Medium/Low)	kPa	12.68/6.4/4.92	11.41/6.5/5.41	19.1/14.8/10.6	20/16.2/14.7	34.3/21.3/15
Air flow rate (High/Medium/Low)			m³/h	719/561/448	781/611/494	1.229/1.020/810	1.581/1.371/1.236	1.871/1.415/1.198
Exchanger water volume			L	0.306	0.306	0.677	1.015	1.015
Power supply			V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Consumption			W	27	32	50	90	124
Sound pressure (High/Medium/Low) <sup>(4)</sup>			dB(A)	42/36/30	43/38/32	44/40/34	48/44/41	49/43/39
Max. working pressure			MPa	1.6	1.6	1.6	1.6	1.6
Fresh air inlet			mm	ø65	ø65	ø75	ø75	ø75
Water connections			inch.	3/4"	3/4"	3/4"	3/4"	3/4"
Drain connection			mm	ø25	ø25	ø32	ø32	ø32
Dimensions	Body (Width x Height x Depth)	mm	575 x 261 x 575	575 x 261 x 575	840 x 230 x 840	840 x 300 x 840	840 x 300 x 840	
	Cover (Width x Height x Depth)	mm	647 x 50 x 647	647 x 50 x 647	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
Weight	Body	kg	16.5	16.5	23	27	29.5	
	Cover	kg	2.5	2.5	6.0	6.0	6.0	

#### Notes:

<sup>(1)</sup>Cooling capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet water temperature 7/12 °C; Ambient temp. 27 °C DB, 19 °C WB.

<sup>(2)</sup>Heating capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet water temperature 45/40 °C; Ambient temperature 20 °C.

<sup>(3)</sup>Heating capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet water temperature 50 °C/\*; Ambient temperature 20 °C.

<sup>(4)</sup>Sound pressure level measured in semi-anechoic chamber.

- Design and specifications are subject to change in order to product improvement without prior notice.