

MITTEL PRESSURE FAN COIL DUCT MUCM-W7 Series

MUND  CLIMA®



FEATURES

- Fan coil unit 2 tubes type medium pressure duct.
- Low noise and low-energy consumption DC fan motor.
- Configurable static pressure through the micro-switches of the PCB.
- Battery of 3 rows.
- Includes condensate tray for the valve and air filter.
- Hydraulic connections on right side (front view)
- Possibility of changing the connection side.
- Does not include remote control.

OPTIONALS

Wireless control⁽¹⁾



RM12F
(CL 97 820)



RM12D
(CL 97 821)



TFDE2T
(CO 14 205)



KJR-29B1/BK-E
(CL 92 869)⁽¹⁾



KJR-86C-E
(CL 92 870)⁽¹⁾

Wired remote control

Centralized control⁽¹⁾



CCM30/BKE
(CL 92 871)



CCM15
(CL 92 872)



MD-AC-KNX ⁽¹⁾
(CL 94 792 / CL 99 094-095)



IS-IR-KNX-1i
(CL 99 096)

BMS⁽¹⁾ BACnet



INBACMID
(CL 99 222 / CL 99 210)

WIFI⁽¹⁾



K-380EW
(CO 14 907)

Modbus



KJR-150A/M-E⁽¹⁾
(CL 97 156)



FCUKZ-03
(CL 94 974)



FCUKZ-01
(LC 04 636)



Valve actuator
(CO 12 231)



3-way valve with
Bypass
(CO 12 151)



Valve pipes set
(LC 04 621)

Accessories

⁽¹⁾FCUKZ-01 (LC 04 636) kit needed.

MITTEL PRESSURE FAN COIL DUCT

SPECIFICATIONS:

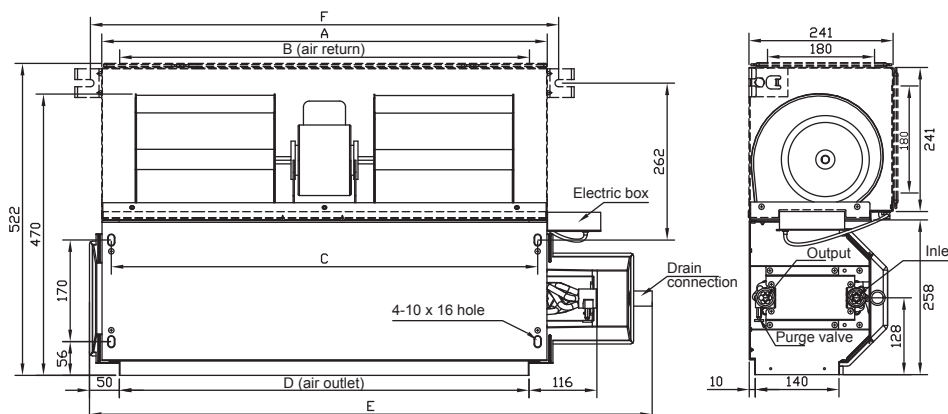
Model			MUCM-15-W7	MUCM-19-W7	MUCM-27-W7	MUCM-30-W7	MUCM-36-W7	
Code			CL 04 620	CL 04 621	CL 04 622	CL 04 623	CL 04 624	
Cooling	Capacity (High / Medium / Low) (*1)		kW	4.46/3.59/2.83	5.85/4.82/3.78	8.02/6.36/5.08	8.96/7.37/5.66	10.79/8.86/6.79
	Water flow (High / Medium / Low)		m³/h	0.79/0.63/0.5	1.05/0.85/0.65	1.42/1.11/0.89	1.59/1.29/0.98	1.93/1.57/1.20
	Loss of charge (High / Medium / Low)		kPa	16.4/11.3/7.6	31.4/22/14.2	31.6/20.5/13.9	24.1/16.9/10.8	26.3/18.8 / 12.8
Heating	45 °C	Capacity (High / Medium / Low) (*2)	kW	5.27/4.21/3.21	6.62/5.38/4.00	9.15/7.08/5.58	10.74/8.55/6.35	12.62/10.15/7.47
		Water flow (High / Medium / Low)	m³/h	0.92/0.73/0.57	1.15/0.94/0.71	1.59/1.26/0.98	1.88/1.51/1.13	2.23/1.78/1.31
		Loss of charge (High / Medium / Low)	kPa	18.4/12.4/8.1	31.7/22.2/13.6	32.9/21.6/13.9	28.3/19.4/12	29.4/20/11.9
	50°C	Capacity (High / Medium / Low) (*3)	kW	6.26/4.99/3.81	7.84/6.35/4.81	10.88/8.46/6.68	12.61/10.04/7.35	14.90/11.92/8.89
		Water flow (High / Medium / Low)	m³/h	0.79/0.63/0.50	1.05/0.85/0.65	1.42/1.11/0.89	1.59/1.29/0.98	1.93/1.57/1.20
		Loss of charge (High / Medium / Low)	kPa	13.7/9.5/6.3	26.4/18.2/11.4	26.3/16.9/11.5	21.1/14.8/9.5	22.6/16.0/10.2
		Air flow (High / Medium / Low) (*4)		m³/h	865/626/441	1,022/760/544	1,452/1,038/781	1,824/1,332/906
Static pressure		Pa	50Pa (default); 12 / 30Pa can be adjusted using the micro-switches of the PCB					
Exchanger water volume		L	0.349	0.462	0.615	0.668	0.816	
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Consumption (High)		W	40	45	60	90	110	
Sound pressure (High / Medium / Low) (*5)		dB(A)	44.3/36.3/27.9	46.1/39.0/30.3	44.9/36.1/27.7	47.8/40.7/30.7	48.9/41.8/31.7	
Max. working pressure		MPa	1.6	1.6	1.6	1.6	1.6	
Inlet water maximum temperature		°C	80	80	80	80	80	
Water connections (female)		inch	3/4"	3/4"	3/4"	3/4"	3/4"	
Drainage connections (male)		inch	3/4"	3/4"	3/4"	3/4"	3/4"	
Dimensions (Width x Height x Depth)		mm	941x241x522	1161x241x522	1461x241x522	1566x241x522	1856x241x522	
Weight		kg	22.0	25.2	35.0	36.7	41.2	

Notes:

- (1) Cooling capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet temp. 7/12°C, Outdoor temp. 27°C DB, 19°C WB.
 (2) Heating capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet temp. 45/40°C, Outdoor temp. 20°C DB, 19°C WB.
 (3) Heating capacity for each of the three air flow rates and according to the conditions: Water inlet/outlet temp. 50°C, Outdoor temp. 20°C DB, 19°C WB.
 (4) Nominal air flow to 0Pa.
 (5) Sound pressure level measured in semi-anechoic chamber.

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

DIMENSIONS



Model	15	19	27	30	36
A (mm)	745	965	1265	1370	1660
B (mm)	685	905	1205	1310	1600
C (mm)	713	933	1233	1338	1628
D (mm)	685	905	1205	1310	1600
E (mm)	941	1161	1461	1566	1856
F (mm)	783	1003	1303	1408	1698