

INDUSTRIAL AIR CURTAINS

MU-GC Series

MUNDCLIMA®

Height: 5 to 7.5 m

FEATURES

- Can be installed horizontally or vertically.
It includes anchors that allow the modular
- installation of several curtains.
- 3-speed motor.
- Air-only models, with water or electric battery.
- Does not include remote control.



Model		ONLY AIR				WATER BATTERY HEATING				2-ROW WATER BATTERY HEATING				ELECTRIC BATTERY HEATING			
		MU-GC-15-A		MU-GC-20-A		MU-GC-15-W		MU-GC-20-W		MU-GC-15-W2F		MU-GC-20-W2F		MU-GC-15/12-R3		MU-GC-20/20-R3	
Code		EC 06 720		EC 06 721		EC 06 722		EC 06 723		EC 06 724		EC 06 725		EC 06 726		EC 06 727	
Speed		HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
Air flow rate	m³/h	6,500	4,300	8,100	5,100	6,200	4,000	8,200	5,200	5,700	3,500	7,600	4,600	6,300	4,100	8,600	5,400
Sound pressure level ⁽¹⁾	dB (A)	60	49	62	51	60	49	62	51	60	49	62	51	60	49	62	51
Nominal capacity Heating ⁽²⁾	kW	–		–		29.5		33.1		55.3		62.8		12.0	9.0	20.0	16.5
Max. consumption	W	640	400	960	600	640	400	960	600	640	400	960	600	12.0	9.0	20.0	16.5
Max. absorbed	A	2.8	2.0	4.2	3.0	2.8	2.0	4.2	3.0	2.8	2.0	4.2	3.0	13.0	17.0	23.0	29.0
Max. horiz. or vertical installation distance ⁽³⁾	m	7.5															
Max. water inlet temperature	°C	–				130				130				–			
Max. working pressure	Mpa	–				1.6				1.6				–			
Connection	inch	–				3/4"				3/4"				–			
Power supply	V / Hz	230 / 50												400 / 50			
Protection degree		IP 54															
Color		Silver - graphite															
Dimensions (W x H x D)	mm	1,562 x 639 x 549		2,078 x 639 x 549		1,562 x 639 x 549		2,078 x 639 x 549		1,562 x 639 x 549		2,078 x 639 x 549		1,562 x 639 x 549		2,078 x 639 x 549	
Weight	kg	43		58		47.4		62		51.8		66.4		49.8		67	

Notes:

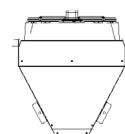
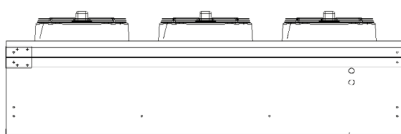
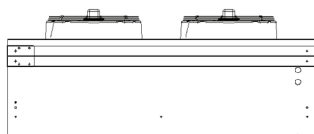
⁽¹⁾ Sound pressure level measured at a 3 m distance from the unit, in a room with average sound absorption capacity and a 500 m³ volume.

⁽²⁾ MU-GC-W/W2F: High speed, water temperature 90 / 70 °C, ambient temperature 10 °C. MU-GC-R3: Ambient temperature 10 °C.

⁽³⁾ Isothermal vertical flow range with speed limit greater than 3 m/s

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

DIMENSIONS (mm):



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OPTIONALS

Thermostat SE-3 (CO14653)

Room thermostat, 3 speeds and a 10 - 30 °C range. Except R3 air curtains.



Area Valves

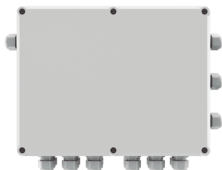


Valve	3/4"
2-ways	CO 13 252
3-ways	CO 13 255

RX Concentrator (CL91186)

It allows the 3-speed equipment integration into a group or centralized control system. Up to 3 RX concentrators can be combined, which means that a single group can consist of up to 36 devices:

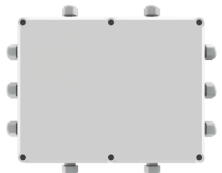
- 12 units of MUAT-10/20/30-FB;
- 6 units of MUAT-25/40/55-FB;
- 6 units of MUD-DT destratifier
- 3 units of MUAT-75/100-FD;
- 3 units of MU-GC air curtain (except R3)



The connection of up to 36 units is made with 3 RX concentrators connected to a control device (Thermostat SE-3 or other); in the case of air curtains, the RX concentrator also allows the connection of DCM door sensors.

DRV-GC Module (XL 06 679)

The DRV-FB module is designed to connect to MU-GC air curtains: A/W/W2F/R3. Up to 31 DRV modules can be combined and controlled by a single T-BOX central control.



DRV-GC functions:

- It is possible to connect the T-BOX central control.
- It is possible to connect to the MODBUS-RTU.
- It is possible to connect a PT-1000 temperature sensor.

PT-1000 room temperature sensor (CL91187)

PT-1000 IP65 room temperature sensor, to connect to a DRV module.



Door sensor

To activate the curtain only when necessary.

Type	Code
Magnetic	EC 06 051
Mechanical	EC 06 052



EC 06 051



EC 06 052

Centralized T-BOX control (CL91182)

Centralized touch control of up to 31 DRV modules.

Functions:

- Weekly programmer with up to 20 actions, each action can be set to a different temperature in the 5 – 45 °C range.
- Intuitive use and easy view of operating parameters
- Multi-language (Spanish, English, German,...).
- Cooperation with MODBUS-RTU.

