



**SABIANA**  
IL CLIMA AMICO

A leading brand of  AFG



# Meltemi

## Door Curtain

The range of **Meltemi Sabiana** door curtains offers the maximum flexibility in the protection of doors and open access compartments. The door curtains are available in the air ventilation version, with hot water coil and with electric resistance, the **3 different versions** are supplied in **12 different models** with lengths from 1064 mm to 1570 mm that are suitable for door heights from 2,5 m to 4 m in commercial installations.

**T**hanks to their modularity, the door curtain units **can be connected together** to give a continual air barrier of the desired length to protect large doors.

## Technical characteristics of the main components:



**Cabinet:** made from hot galvanised metal plate, epoxy powder painted, furnace baked.  
Class of protection of the unit IP 20.

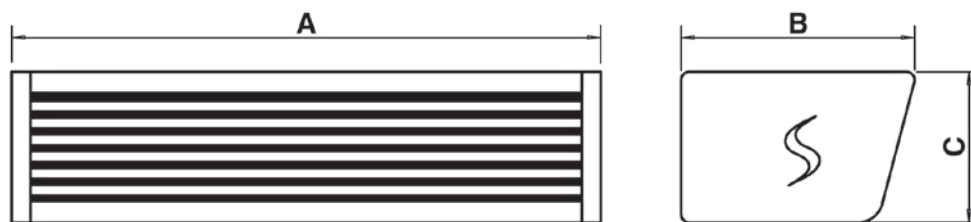
**Fan assembly:** made up of aluminium tangential fans with concave fins positioned in a spiroidal configuration along the length of the fan.

**Motor:** single phase 230V 50Hz, two speeds.

**Hot water coil (MU-W, MC-W):** the **W** series are complete with a hot water coil (for heating only), made from copper pipes with aluminium fins bonded to the pipes by mechanical expansion. Maximum water temperature 100°C, maximum operating pressure 8 bars. The coils are fitted with female threaded fittings 3/4" for **MC** models and male threaded fittings 1/2" for **MU** models. The coils have either 2 rows, for **MC** models, or 1 row for **MU** models.

**Electric heater (MU-E, MC-E):** the **E** series come with sealed electric resistances or galvanised steel filament resistances.

# Dimensions, Weight and Technical data



MODEL	DIMENSIONS (mm)			WEIGHT (kg)		
	A	B	C	A SERIES	W SERIES	E SERIES
MU-1000	1064	300	200	11	17	18
MU-1500	1564	300	200	16	23,5	26
MC-1000	1070	417	280	26	29	30
MC-1500	1570	417	280	34	38	39

## A series – air ventilation only

MODEL		Horizontal and Vertical installation		Horizontal installation ONLY	
		MU-1000A	MU-1500A	MC-1000A	MC-1500A
Air flow	m <sup>3</sup> /h	1250/900	1900/1160	2400/1700	3600/2300
Sound pressure <sup>1</sup>	dB(A)	53/45	53/40	64/54	64/55
Absorption	A	0,5	0,6	2,3	2,9
Voltage	V	230V~			

## W series – with hot water coil

MODEL		Horizontal and Vertical installation		Horizontal installation ONLY	
		MU-1000W	MU-1500W	MC-1000W	MC-1500W
Air flow	m <sup>3</sup> /h	1150/850	1700/1100	2200/1520	3300/1870
Emission	kW	7,1/6,4	11,3/8,7	15,5/12,5	23,4/17,3
Sound pressure <sup>1</sup>	dB(A)	52/47	48/40	62/54	64/58
Δt <sup>2</sup>	°C	18/20	19/23	20/24	22/27
Absorption	A	0,5	0,6	2,3	2,9
Voltage	V	230V~			

## E series – with electric resistance

MODEL		Horizontal installation ONLY			
		MU-1000E	MU-1500E	MC-1000E	MC-1500E
Air flow	m <sup>3</sup> /h	1250/900	1900/1160	2400/1700	3600/2300
Emission 1 <sup>st</sup> stage	kW	4,5	6,8	6	9
Emission 2 <sup>nd</sup> stage	kW	9,0	13,5	12	18
Sound pressure <sup>1</sup>	dB(A)	53/45	53/40	64/54	64/55
Δt <sup>3</sup>	°C	21/30	21/34	15/21	15/22
Absorption	A	0,5	0,6	2,4	2,9
Voltage	V	400V~ (3p+N)			

**1** = The sound pressure levels are measured at a distance of 5m; directional effect with factor 2 (hemispherical emission with unit hung in the centre of the ceiling); equivalent area of absorption = 200m<sup>2</sup> (Sabine).

**2** = Water temperature 80/60°C, Entering air temperature + 15°C.

**3** = Increase in air temperature with the resistance in 2<sup>nd</sup> stage operation and low/high air flow.

# Air throw



The **MU** range of modular door curtains **for offices and commercial environments**

combines the benefits of the most advanced aeraulic technology with the flexibility of a modular system.

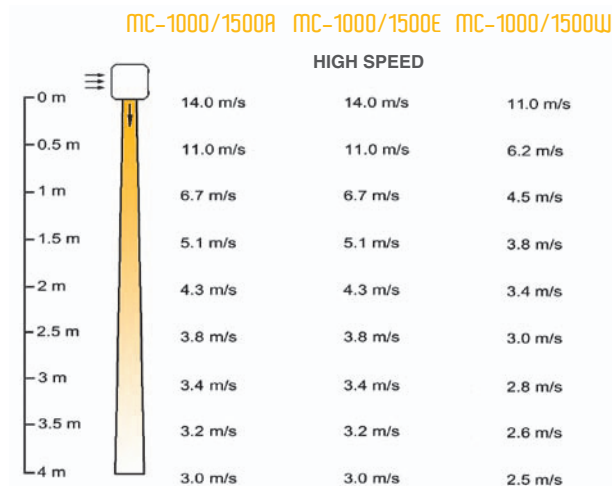
These very compact units can be fitted individually or joined to create a continuous door curtain. The remote controls and the connection kit allow any number of units to be managed by one single control. The high performance tangential fans coupled with a powerful “twin shaft” motor provide each module the best performance characteristics for entrances up to 2.5m in height, offering protection against winter cold, summer heat, dust and pollution.



The **MC** range of modular door curtains **for larger commercial applications** uses

powerful “twin shaft” motors and high efficiency

tangential fans to provide thermal protection for entrances up to 4m in height. The 1m and 1.5m modules can be joined to create a continuous door curtain and an uninterrupted unit profile. Every unit contains a power board so that a single control can be connected to several modules.



The descriptions and illustrations provided in this publication are not binding: Sabiana reserves the right, whilst maintaining the essential characteristics of the types described and illustrated, to make, at any time, without the requirement to promptly update this piece of literature, any changes that it considers useful for the purpose of improvement or for any other manufacturing or commercial requirements.



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