

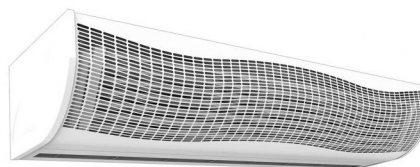
# DATASHEET

rev. 01 - 5/10/2022

MADE IN ITALY

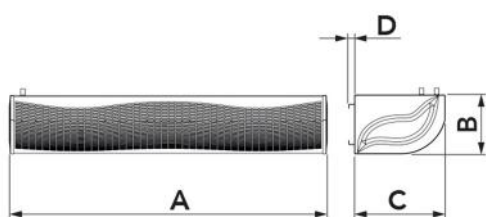
## Centrifugal air curtain with front extraction with electric heating element

12450090R2 - 12450100R2 - 12450110R2



### TECHNICAL SPECIFICATIONS:

- 3 models in white with speed controller supplied
- 3 speeds operated by remote control
- Air curtains are designed for indoor use
- Front air intake
- The unit must be installed horizontally
- Maximum installation height 3 m



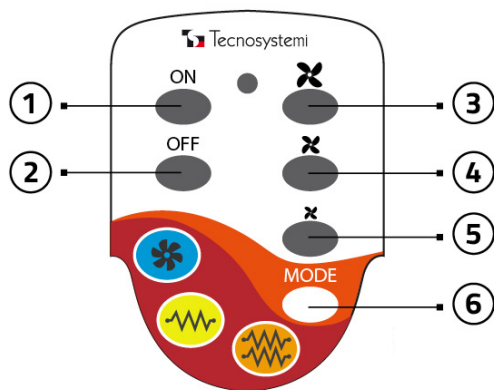
### DIMENSIONS

CODE	MODEL	A [mm]	B [mm]	C [mm]	D [mm]	SUITABLE FOR LARGE DOORS [mm]
12450090R2	1000	1010	280	425	25	L.1000 H.3500
12450100R2	1500	1510	280	425	27	L.1500 H.3500
12450110R2	2000	2010	280	425	27	L.2000 H.3501

## TECHNICAL DATA

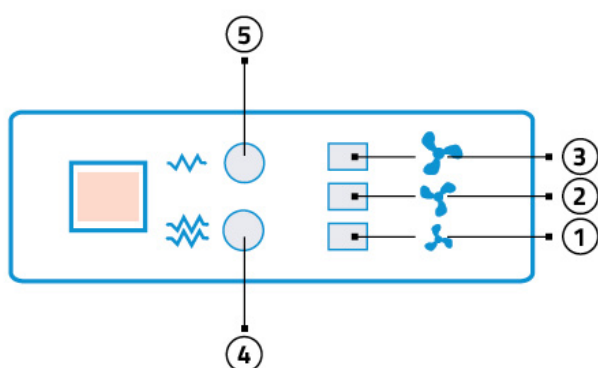
CODE	SUPPLY VOLTAGE [V]	FREQUENCY [Hz]	POWER CONSUMPTION [W]	AIR SPEED AT INLET [m/s]	AIR FLOW RATE [m³/h]	SOUND POWER LEVEL [DB(A)]	ΔT AIR WITH HEATING ELEMENTS [°C]	POWER CONSUMPTION WITH PARTIAL LOAD RESISTANCE [W]	POWER ABSORBED WITH FULL LOAD RESISTANCE [W]	WEIGHT [kg]
12450090R2	400 ac	50	180	I:10 II:11.5 III:12.5	I:1288 II:1430 III:1590	I:56 II:59 III:62	19	3800	5700	33
12450100R2	400 ac	50	240	I:10 II:11.5 III:12.5	I:1717 II:1908 III:2120	I:58 II:61 III:64	17	6400	9600	48
12450110R2	400 ac	50	360	I:10 II:11.5 III:12.5	I:2584 II:2870 III:3190	I:60 II:63 III:66	17	7600	11400	67

## REMOTE CONTROL



- [1] ON / Turns the appliance on
- [2] OFF / Shuts the appliance off
- [3] Maximum speed
- [4] Medium speed
- [5] Low speed
- [6] Selection of heating element

## DASHBOARD LABEL



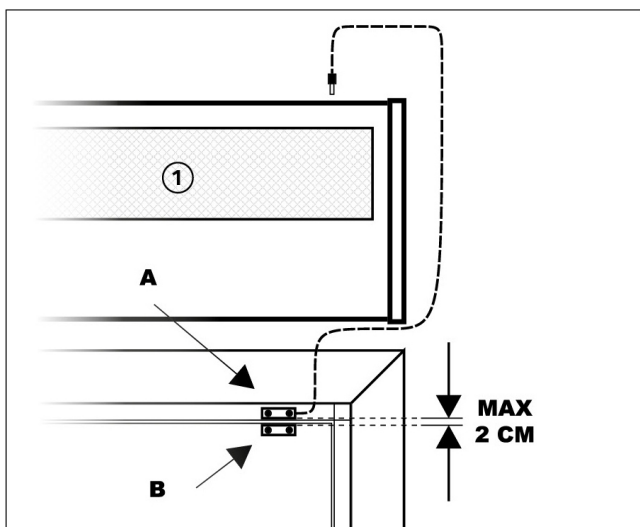
- [1] 1st speed (Min) 1 LED LIT
- [2] 2nd speed (Med) 2 LEDS LIT
- [3] 3rd speed (Max) 3 LEDS LIT
- [4] Heating element at full load (orange LED)
- [5] Heating element at partial load (yellow LED)

## AUTOMATIC START KIT FOR AIR CURTAINS.



This kit, sold separately from the air curtain, allows you to switch the machine on and off by opening and closing the door.

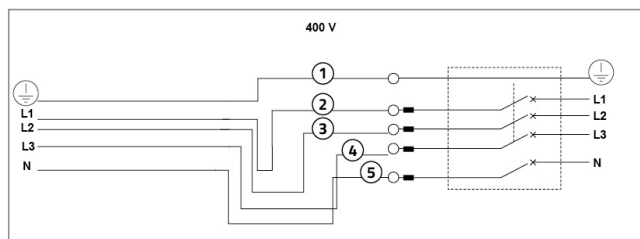
### INSTALLING AND COMMISSIONING THE AUTOMATIC START KIT (optional)



[1] Air curtain

Connect the wired sensor to the air curtain via jack.  
Attach the magnetic sensor A to the door casing or to a solid point with the door frame.  
Attach the second sensor to the moving part of the door leaving no more than 2 cm between the two sensors.  
When the "automatic start kit" is installed, the air curtain can be switched on and off with the opening / closing of the door.

### THREE-PHASE POWER SUPPLY AND WIRING DIAGRAM



[L1 - L2 - L3] Connect the line conductor: all safety guards are fitted inside

[N] Connect the neutral connector

Connect the conductor [1] having a length greater than 1 cm compared to [L1] and [N]

[1] YELLOW/GREEN

[2] BROWN

[3] BLACK

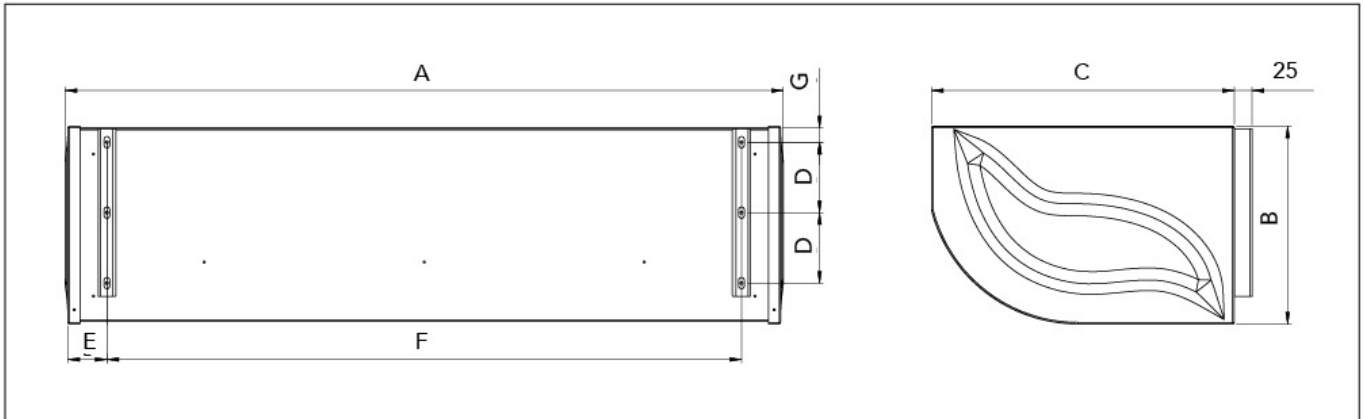
[4] WHITE

[5] BLUE

**IMPORTANT!**

During the electrical connection, the installer must comply with the polarities indicated by the plate in front of the power supply terminal board.

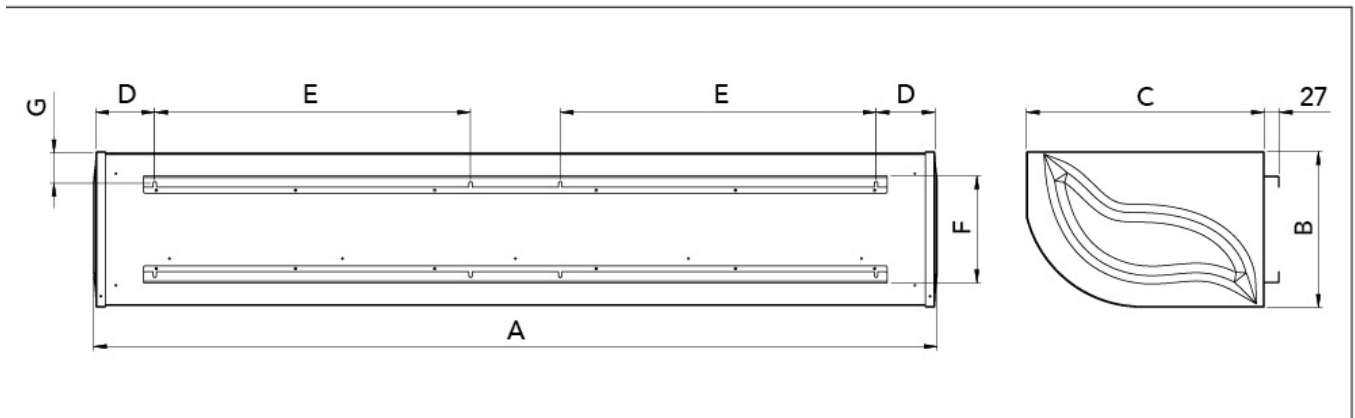
## WALL-MOUNTED DRILLING SPACING MODEL 1000



### DIMENSIONAL TABLE

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
12450090R2	1010	280	425	99	55	895	20

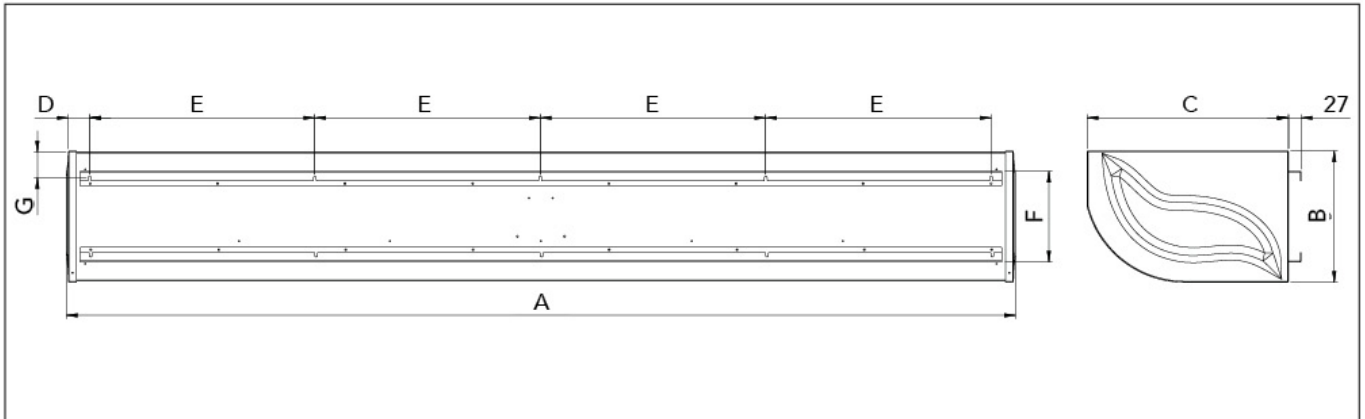
## WALL-MOUNTED DRILLING SPACING MODEL 1500



### DIMENSIONAL TABLE

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
12450090R2	1510	280	425	105	565	190	55

## WALL-MOUNTED DRILLING SPACING MODEL 2000



### DIMENSIONAL TABLE

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
12450090R2	2010	280	425	45	478	190	55

### ITEMS

CODE	DESCRIPTION
12450090R2	"AIRFOR3 CR" CENTRIFUGAL AIR CURTAINS WITH 3 ELECTRIC HEATING ELEMENTS 100
12450100R2	"AIRFOR3 CR" CENTRIFUGAL AIR CURTAINS WITH 6 ELECTRIC HEATING ELEMENTS 1500
12450110R2	"AIRFOR3 CR" CENTRIFUGAL AIR CURTAINS WITH 6 ELECTRIC HEATING ELEMENTS 2000