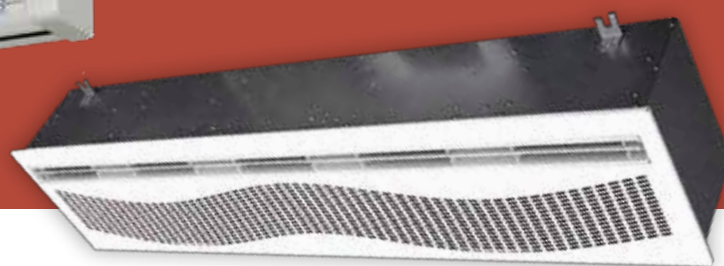


# Catalog 33

## Tecnosystemi



by  Tecnosystemi<sup>®</sup>  
group

## PAGE 12

CENTRIFUGAL AIR CURTAIN WITH  
UPPER AIR INTAKE AND  
INCORPORATED LED LIGHT BAR  
"AIRJET"



## PAGE 15

TANGENTIAL AIR CURTAINS WITH UPPER  
AIR INTAKE "ARIA 3 SILENCE"



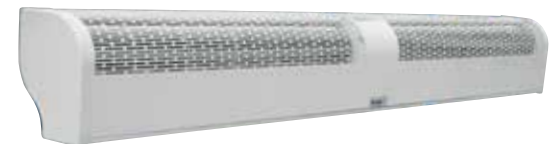
## PAGE 18

TANGENTIAL AIR CURTAINS WITH  
UPPER AIR INTAKE WITH ONE OR TWO  
RESISTANCES "ARIA 3 SILENCE"



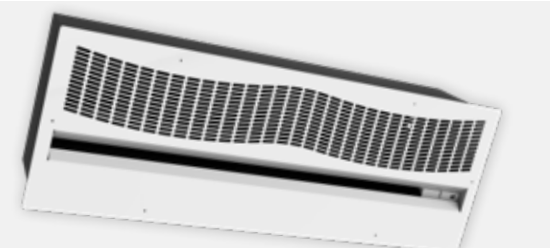
## PAGE 22

TANGENTIAL AIR CURTAINS WITH  
FRONTAL AIR INTAKE  
"ARIA 3 SILENCE FRONT"



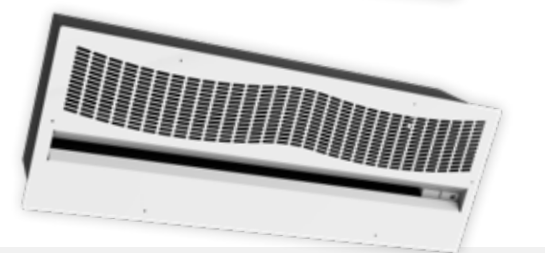
## PAGE 25

BUILT-IN TANGENTIAL AIR CURTAINS  
AT ROOM TEMPERATURE "ARIA 2  
ELEGANCE T"



## PAGE 27

BUILT-IN TANGENTIAL AIR CURTAINS  
WITH ELECTRIC RESISTANCE  
"ARIA 2 ELEGANCE TR"



## PAGE 30

BUILT-IN CENTRIFUGAL AIR CURTAINS  
AT ROOM TEMPERATURE  
"ARIA 2 ELEGANCE"



## PAGE 32

BUILT-IN CENTRIFUGAL AIR CURTAINS  
WITH ELECTRIC RESISTANCE  
"ARIA 2 ELEGANCE CR"

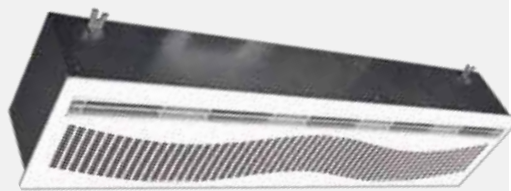


## PAGE 34

BUILT-IN CENTRIFUGAL AIR CURTAIN WITH  
HOT WATER COIL "ARIA 2 ELEGANCE  
H2O"



WITH HOT  
WATER COIL



## PAGE 36

CENTRIFUGAL AIR CURTAINS WITH  
UPPER AIR INTAKE "AIR FOR 3 UP"



ON ROOM  
TEMPERATURE



## PAGE 38

CENTRIFUGAL AIR CURTAINS WITH ABS  
PLASTIC BODY AND UPPER AIR INTAKE  
"AIR FOR 3 STYLE"



ON ROOM  
TEMPERATURE



## PAGE 40

CENTRIFUGAL AIR CURTAINS WITH  
FRONT AIR INTAKE "AIR FOR 3 FRONT"



ON ROOM  
TEMPERATURE



## PAGE 42

WALL-MOUNTED CENTRIFUGAL AIR  
CURTAINS WITH UPPER AIR INTAKE  
"AIR FOR 3 WALL"



ON ROOM  
TEMPERATURE



## PAGE 44

CENTRIFUGAL AIR CURTAINS WITH HOT  
WATER COIL AND FRONT AIR INTAKE  
"AIR FOR 3 H2O"



WITH HOT  
WATER COIL

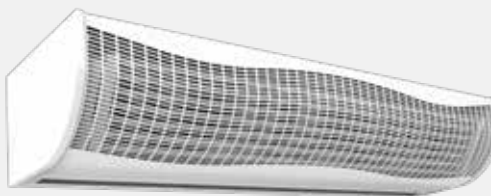


## PAGE 46

CENTRIFUGAL AIR CURTAINS WITH  
ELECTRIC RESISTANCE AD FRONT AIR  
INTAKE "AIR FOR 3 CR"



WITH ELECTRIC  
RESISTANCE



## PAGE 48

HIGH PERFORMING INDUSTRIAL  
CENTRIFUGAL AIR CURTAINS "ARIA 1  
POTENZA" SPARE PARTS FOR AIR  
CURTAINS



ON ROOM  
TEMPERATURE



# WHY INSTALL IN AN AIR CURTAIN?

**AIR CURTAINS ALLOW TO KEEP THE DOORS OPENED, ENCOURAGING PEOPLE TO ENTER YOUR SALES OUTLET AND ENABLE CUSTOMERS TO MOVE AROUND WITH EASE, OFFERING MAXIMUM FREEDOM OF MOVEMENT AND VISIBILITY BY MAINTAINING AN IDEAL DEGREE OF COMFORT INSIDE THE PREMISES.**

**MOREOVER, WE GUARANTEE AN IMMEDIATE REDUCTION IN HEAT LOSS OF UP TO 80%. YOUR AIR-CONDITIONING SYSTEM WILL WORK BETTER AND CONSUME LESS ENERGY!**

## IT IS THE IDEAL CHOICE FOR:

- ALL COMMERCIAL UNDERTAKINGS WHERE **FREE ACCESS IS AN INVITATION TO CUSTOMERS TO ENTER**
- HOSPITALS AND LABORATORIES
- CATERING AND RECEPTION FACILITIES, OFFICES
- WAREHOUSES AND MANUFACTURING UNITS
- BARS, RESTAURANTS, ICE-CREAM PARLOURS
- SHOPS IN GENERAL
- COLD STORAGE FACILITIES (EXTERNAL INSTALLATION)
- THE FOOD INDUSTRY, WHERE A SEPARATION BETWEEN DIFFERENT AREAS IS CALLED FOR IN TERMS OF TEMPERATURE AND HYGIENE, AND AT THE SAME TIME THE QUICK, **EASY TRANSIT OF GOODS AND PEOPLE IS NECESSARY**



## THE AIR CURTAINS GUARANTEE:

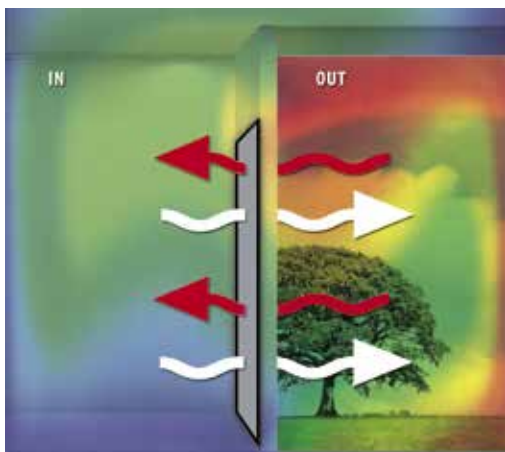
- **SIMPLE RAPID INSTALLATION**
- **EXTREMELY LOW ENERGY CONSUMPTION**
- **A FACTORY-CALIBRATED AIR FLOW**, ONCE INSTALLED MAINTAINS A PERFECTLY BALANCED FLOW THANKS TO ITS **PATENTED AERODYNAMIC SHAPE**
- **3 SPEEDS** TO REGULATE AIR FLOW ACCORDING TO YOUR NEEDS, BY MEANS OF AN EASY TO USE REMOTE CONTROL DEVICE
- ITS COMPACT SIZE AND MODULAR NATURE MEANS THAT IT FITS PERFECTLY INTO ANY KIND OF ROOM
- HEATING FUNCTION HEATS THE AIR FLOW IN ORDER TO **OPTIMIZE ENERGY SAVING IN COLD WEATHER \***
- THE SYSTEM SWITCHES ON/OFF AUTOMATICALLY WHEN THE DOOR OPENS/CLOSES
- ENERGY SAVING FOR HEATING, MAINTENANCE-FREE

*\* ONLY FOR MODELS WITH ELECTRIC RESISTANCE AND HOT WATER COIL*

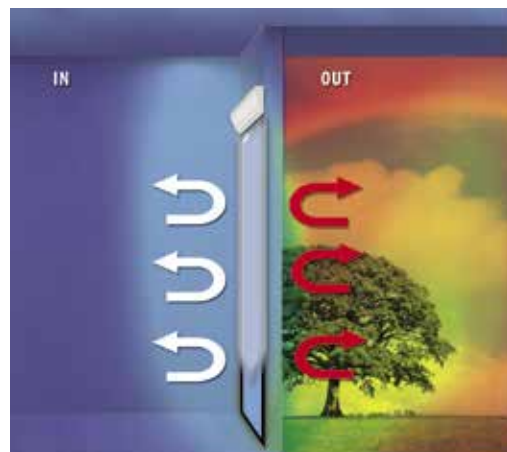
AIR CURTAINS PERFORMANCE WAS TESTED BY ANEMOMETER AND BY SOUND-LEVEL METER. TESTS WERE MADE BY A METROLOGICAL CERTIFIED LAB. THE DEGREE OF PROTECTION IS IP.20.



## COMPARISON OF TEMPERATURE DISTRIBUTION — Summer —

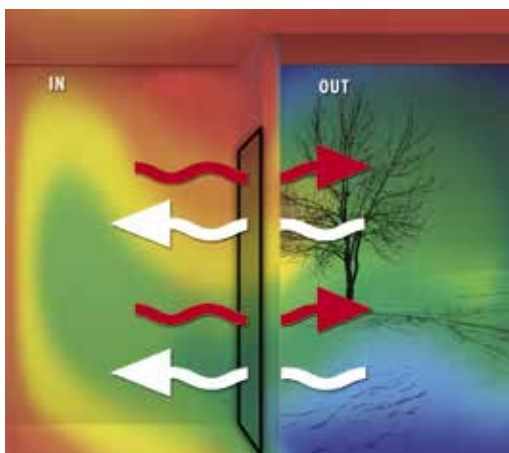


**WITHOUT AIR CURTAIN**

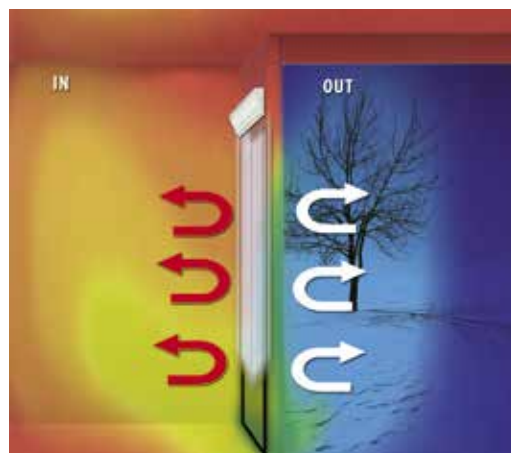


**WITH AIR CURTAIN**

## COMPARISON OF TEMPERATURE DISTRIBUTION — Winter —



**WITHOUT AIR CURTAIN**



**WITH AIR CURTAIN**

### TEMPERATURE CHART





# GUIDE TO CHOOSE THE RIGHT MODEL AIR CURTAINS

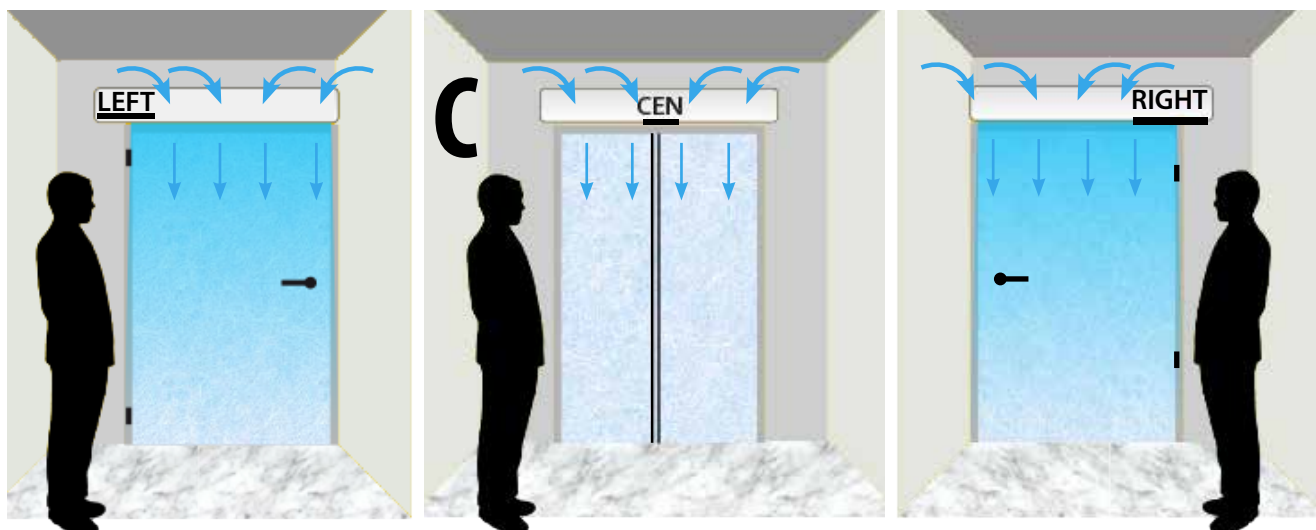
## QUESTIONS TO ASK BEFORE BUYING

- WHERE WILL THE AIR CURTAIN BE MOUNTED? (SHOP, BAR, RESTAURANT, OFFICE, SHOPPING CENTER, etc.)
- DO YOU NEED THE AIR CURTAIN TO BE IN-BUILT OR WALL MOUNTED?
- DO YOU WANT IT WITH TANGENTIAL OR CENTRIFUGAL MOTORS?
- HAVE YOU CONSIDERED WHETHER YOU WANT IT WITH FRONT OR TOP AIR INTAKE?
- DO YOU PREFER THE AIR TO BE AT ROOM TEMPERATURE, HEATED WITH ELECTRICAL RESISTANCE, OR HEATED WITH BATTERY?
- DO YOU NEED AN AUTOMATIC START ON DOOR OPENING? (NOT WITH ELECTRICAL RESISTANCE)

**NOTE: THE "AUTOMATIC START" KIT BLOCK THE FUNCTIONING OF ALL THE AIR CURTAINS WITH HEATING ELEMENTS.**

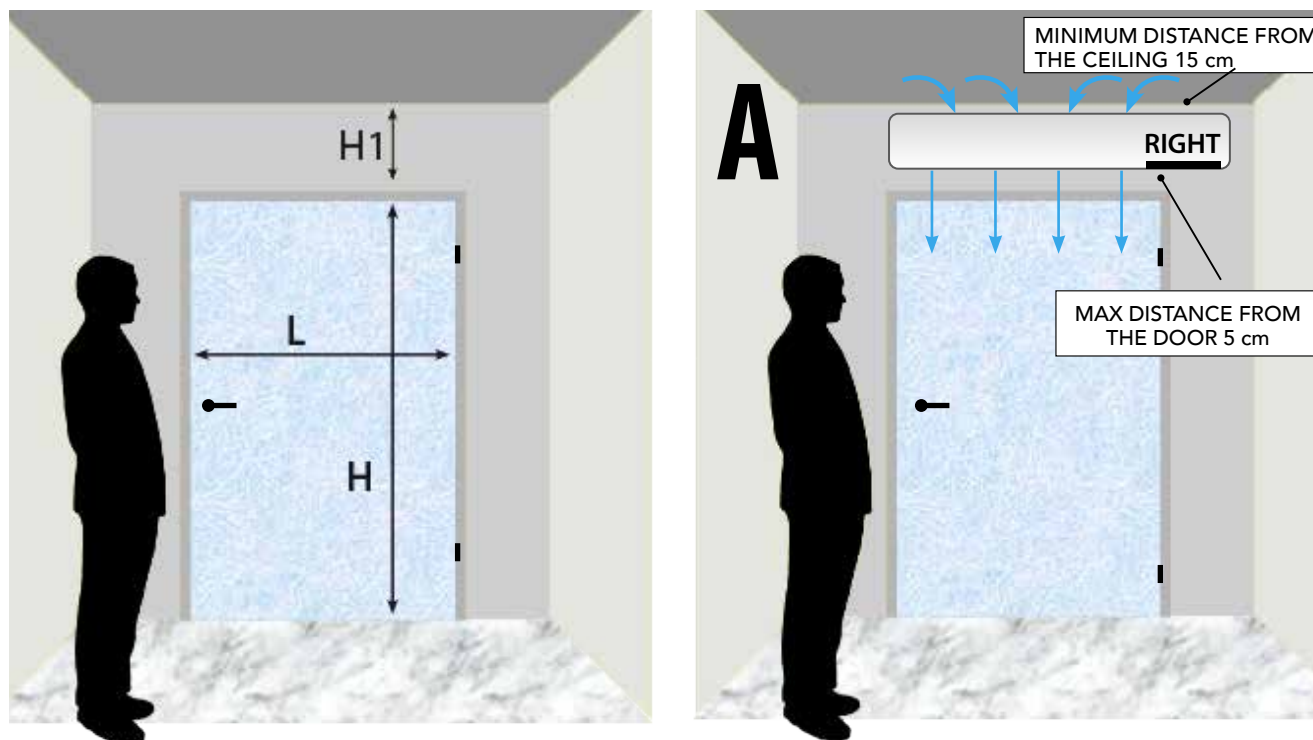
## INFORMATION GATHERING: CHOICE OF THE AIR CURTAIN WITH LEFT, CENTRAL OR RIGHT WALL MOTOR.

THE CHOICE OF THE AIR CURTAIN WITH LEFT, RIGHT OR CEN (CENTRAL) MOTOR, **REFERS TO THE MOTOR POSITION IN THE AIR CURTAIN** (WHICH MUST CORRESPOND TO THE DOOR OPENING). **THE REFERENCE IS CONSIDERED IN FRONTAL POSITION WITH RESPECT TO THE AIR CURTAIN (OPPOSITE).**

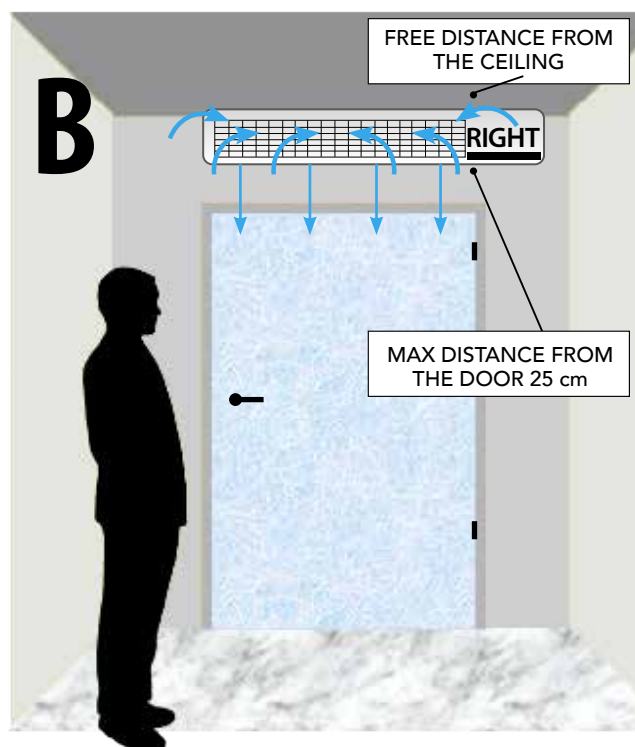


**INFORMATION GATHERING:**  
HEIGHT DIMENSIONS AND DOOR WIDTH AND UPPER SPACES

**CORRECT INSTALLATION OF AIR CURTAIN WITH TOP AIR INTAKE RESPECTING THE DESCRIBED MEASUREMENTS**



## CORRECT INSTALLATION OF AIR CURTAINS WITH FRONT AIR INTAKE RESPECTING THE DESCRIBED MEASUREMENTS.



### VERY IMPORTANT:

**A)** TO ASSEMBLE THE AIR CURTAINS WITH TOP AIR INTAKE, THE DISTANCE BETWEEN THE CURTAINS AND CEILING MUST BE MINIMUM 15 cm, TO ALLOW THE AIR SUCTION THROUGH THE UPPER GRID. THE DISTANCE BETWEEN THE AIR CURTAIN AND THE DOOR MUST BE OF MAXIMUM 5 cm EXCEPT ARIA3 SILENCE FRONT AIR CURTAIN (see at pag. 18).

**B)** TO ASSEMBLE THE AIR CURTAINS WITH FRONT AIR INTAKE, THE SPACE ABOVE THE UNIT AND THE CEILING IS NOT CONSIDERED, BECAUSE THE AIR SUCTION COMES FROM THE FRONT GRID OF THE CURTAIN. THE DISTANCE BETWEEN THE AIR CURTAIN AND THE DOOR MUST BE MAXIMUM 25 cm

**C)** AIR CURTAINS WITH A CENTRAL MOTOR OF 2 mt - 1.5 mt, AND THOSE WITH CENTRIFUGAL MOTORS, MUST ALWAYS FOLLOW THE INSTRUCTIONS OF (A) AND (B) HOWEVER THEY CAN BE ALWAYS BE INSTALLED IN THE CENTRE OF THE DOOR.

FOR BOTH CASES, WE ALWAYS RECOMMEND CONSULTING THE TECHNICAL SPECIFICATIONS OF THE CATALOGUE AND THE INSTRUCTIONS SUPPLIED OR DOWNLOADABLE FROM THE SITE [WWW.TECNOSYSTEMI.COM](http://WWW.TECNOSYSTEMI.COM)

AIR CURTAINS WITH ASSEMBLY OF <b>TYPE A</b>	AIR CURTAINS WITH ASSEMBLY OF <b>TYPE B</b>
AIR CURTAINS WITH TOP AIR INTAKE	AIR CURTAINS WITH FRONT AIR INTAKE
- ARIA 3 SILENCE at room temperature	- ARIA 3 SILENCE-FRONT at room temperature
- ARIA 3 SILENCE at room temperature	- AIRFOR 3 FRONT at room temperature
- AIRFOR 3 UP at room temperature	- AIRFOR3 H2O with hot water coil
- AIRFOR 3 STYLE at room temperature	- AIRFOR 3 CR with electrical resistance
- AIRFOR 3 WALL at room temperature	- ARIA 1 POTENZA at room temperature

### VERY IMPORTANT:

BY ROOM-TEMPERATURE AIR CURTAINS, WE MEAN THAT **THE AIR IN THE INTERIOR IS TAKEN IN THROUGH THE UPPER GRID OR THE FRONT GRID AND BLOWN DOWNWARDS TO THE GROUND SO THE BLOWN AIR KEEPS THE INTERNAL ENVIRONMENT TEMPERATURE CONSTANT.**

### VERY IMPORTANT:

FOR AIR CURTAINS WITH ELECTRICAL RESISTANCE OR WITH HOT WATER COIL WITH INTAKE FROM THE UPPER OR FRONT GRID, THE AIR IS HEATED AND BLOWN DOWNWARDS TO THE GROUND. THEREFORE THE BLOWN-AIR TEMPERATURE IS HIGHER THAN THAT OF THE INTERNAL ENVIRONMENT.

**FOR NO REASON THIS CAN WARM UP THE ENVIRONMENT OR CAN BE CONFUSED WITH A HEATING APPLIANCE.** ITS MAIN PURPOSE IS TO SUITABLY **HEAT THE AIR FROM THE CURTAIN**, MAKING THE ENTRANCE OF THE CUSTOMERS INTO THE **ENVIRONMENT PLEASANT AND COMFORTABLE DURING WINTER.**

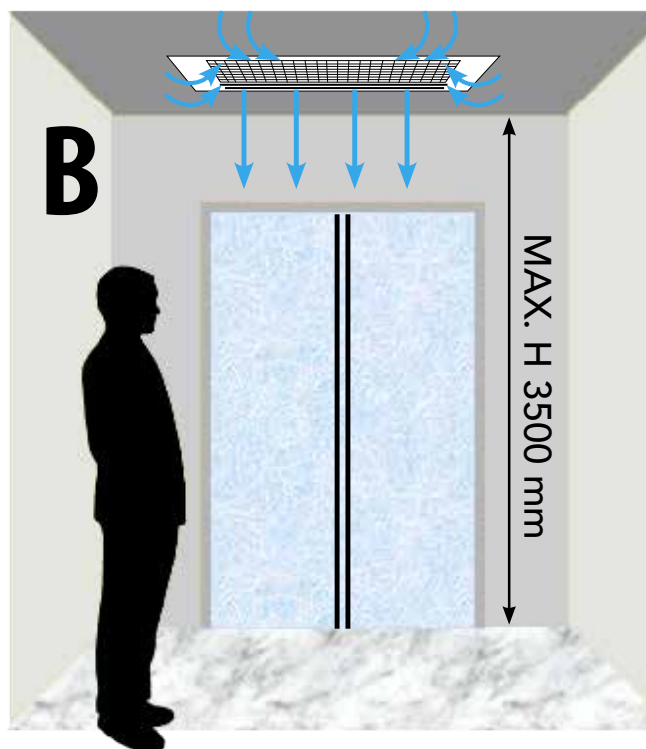
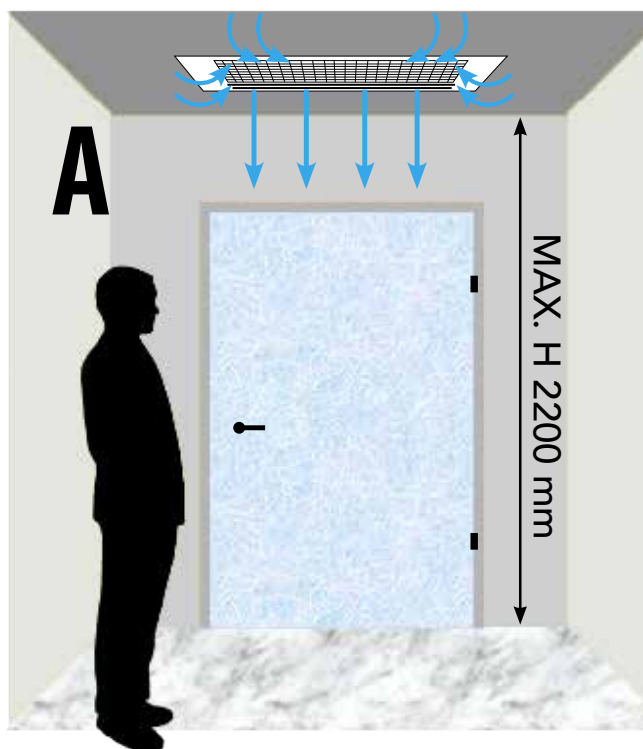
**WARNING: THE INSTALLATION OF THE AUTOMATIC START KIT PROVIDES THE START UP OF THE CURTAINS AT THE MAXIMUM SPEED, IGNORING OTHER SETTINGS. IN MODELS WITH ELECTRICAL RESISTANCE, THE RESISTANCE IS NOT ENABLED.**

## INFORMATION GATHERING: CHOICE OF THE BUILT- IN AIR CURTAIN

THIS TYPE OF AIR CURTAIN **IS IDEAL FOR ALL CONTEXTS WITH A FALSE CEILING** BECAUSE IT **IS INSTALLED INTO THE FALSE CEILING TO FIT FLUSH, GIVING A VERY ATTRACTIVE AESTHETIC RESULT.**

THE BUILT-IN AIR CURTAIN **CAN HAVE CENTRIFUGAL OR TANGENTIAL MOTOR**, WHICH OPERATE EITHER **AT ROOM TEMPERATURE OR WITH ELECTRICAL RESISTANCE.**

IT MUST BE ALWAYS MOUNTED AT THE **CENTRE OF THE DOORS.**



BUILT-IN TANGENTIAL AIR CURTAINS <b>TYPE A</b>	BUILT-IN TANGENTIAL AIR CURTAINS <b>TYPE B</b>
- ARIA 2 ELEGANCE T at room temperature	- ARIA 2 ELEGANCE at room temperature
- ARIA 2 ELEGANCE TR with electrical resistance	- ARIA 2 ELEGANCE CR with electrical resistance

### VERY IMPORTANT:

BY BUILT-IN, ROOM-TEMPERATURE AIR CURTAINS, WE MEAN THAT THE AIR IN **THE INTERIOR IS TAKEN IN THROUGH THE GRID AND BLOWN DOWNWARD TO THE GROUND.** SO THE BLOWN AIR **KEEPS THE INTERNAL ENVIRONMENT TEMPERATURE CONSTANT.**

### VERY IMPORTANT:

BY BUILT-IN AIR CURTAINS WITH ELECTRICAL RESISTANCE WE MEAN THAT **THE AIR IN THE INTERIOR IS TAKEN IN THROUGH THE GRID, HEATED BY THE RESISTANCE AND BLOWN DOWNWARD TO THE GROUND.** SO THE BLOWN-AIR TEMPERATURE IS HIGHER THAN THAT OF THE INTERNAL ENVIRONMENT.

**FOR NO REASON CAN THIS WARM UP THE ENVIRONMENT OR CONFUSED WITH A HEATING APPLIANCE.** ITS MAIN PURPOSE IS TO SUITABLY **HEAT THE AIR FROM THE CURTAIN**, MAKING THE ENTRANCE OF THE CUSTOMERS INTO THE **ENVIRONMENT PLEASANT AND COMFORTABLE DURING WINTER.**

### VERY IMPORTANT:

**ATTENTION: THE INSTALLATION OF THE AUTOMATIC START KIT PROVIDES THE STARTUP OF THE CURTAINS AT THE MAXIMUM SPEED, IGNORING OTHER SETTINGS. IN MODELS WITH ELECTRICAL RESISTANCE, THE RESISTANCE IS NOT TURNED ON.**

**FOR ALL THE BUILT-IN AIR CURTAIN MODELS, WE ALWAYS RECOMMEND CONSULTING THE TECHNICAL SPECIFICATIONS OF THE CATALOGUE AND THE INSTRUCTIONS SUPPLIED OR DOWNLOADABLE FROM THE SITE [WWW.TECNOSYSTEMI.COM](http://WWW.TECNOSYSTEMI.COM)**



# REMOTE CONTROL FUNCTIONS

**Air curtain ON**

**Air curtain OFF**

**VENTILATION**

Symbol of selected fan speed  
(green LED)

**1/2 LOAD RESISTANCE**

The electric resistances installed operate at half load. This function is available only on air curtains with electric resistances.  
(Yellow LED)

**Speed change**

**Maximum speed**

**Medium speed**

**Low speed**

**Change mode**

**FULL LOAD RESISTANCE**

The electric resistances installed operate at full load. This function is available only on air curtains with electric resistances.  
(Orange LED)



**LOWER ENERGY COSTS**





# AirJET

**THE ONLY ONE**  
WITH **DISPLAY** AND BUILT-IN  
**COURTESY LIGHT**

## LIGHT ON/OFF

Turns the LED bar on the Airjet air curtain on/off.

## AUTOMATIC START.

Turns the 'automatic starter kit' on or off. This function is used to automatically turn the air curtain on/off when the door is opened or closed.

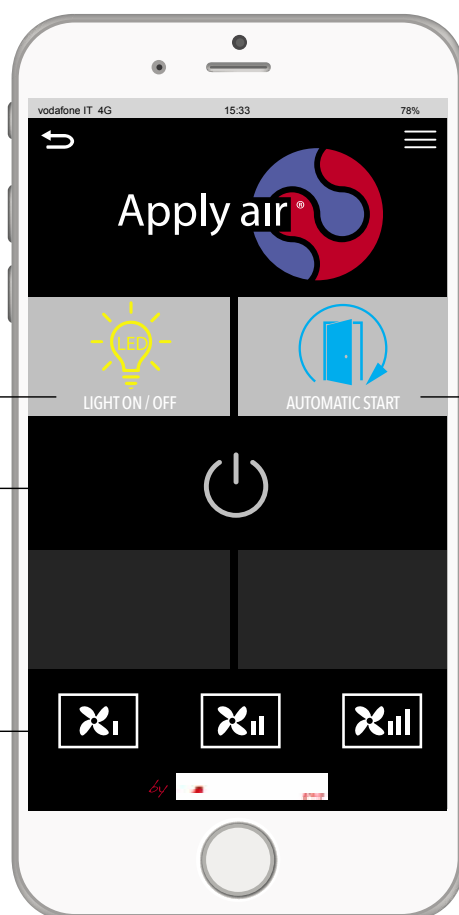
## ON/OFF SWITCH

Turns the air curtain on/off.

Low speed

Medium speed

Maximum speed



**WATCH  
THE VIDEO**

 **YouTube**



Air curtain



✓ **SIMPLE**

✓ **QUICK**

✓ **INTUITIVE**



# CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR

## TECHNICAL FEATURES

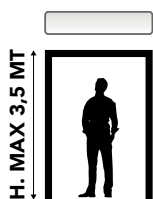
- 4 MODELS, WHITE COLOUR
- 3 SPEEDS SELECTED BY REMOTE CONTROL OR INTERFACE
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- AUTOMATIC STARTER KIT AVAILABLE ON REQUEST (PAG. 49)
- LOWER BAR WITH LED LIGHT STRIP
- UPPER AIR INTAKE
- BACKLIT LCD DISPLAY
- UNIT MUST BE INSTALLED HORIZONTAL

# AirJET

**THE NEW AIRJET AIR CURTAIN, WITH ITS ELEGANT LINE, CAN BE INSTALLED IN ANY TYPE OF SHOP, BUSINESS, OFFICES AND SHOPPING CENTRE ENTRANCES.**

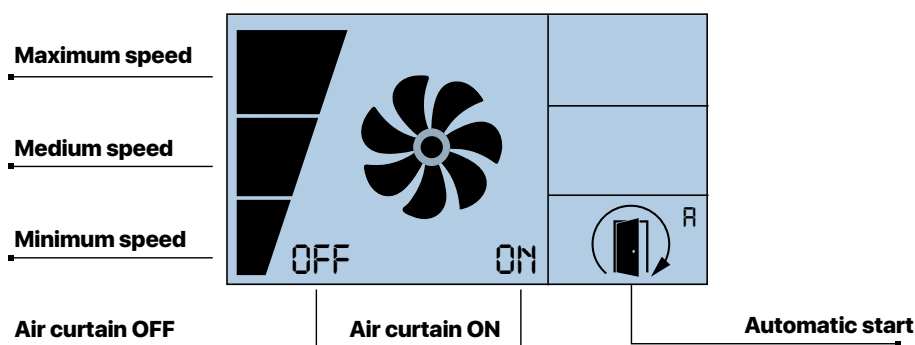
THE AIR FLOW GENERATED IS EFFECTIVE UP TO A HEIGHT OF 3.5 METRES. THE UPPER ANGLED PART ALLOWS THE AIR CURTAIN **TO BE INSTALLED AT LEAST 3 cm FROM THE CEILING.**

ENHANCED WITH THE **ELEGANT LCD DISPLAY AND MODERN LOWER LED BAR** WHICH LIGHTS UP THE SHOP EXIT EVEN IF THE AIR CURTAIN IS NOT OPERATING. AIRJET IS A TOP-OF-THE-RANGE AIR CURTAIN, AVAILABLE IN THE FOLLOWING **LENGTHS 900 - 1200 - 1500 AND 2000** ALL WITH THREE SPEEDS THAT CAN BE CONTROLLED BY REMOTE CONTROL OR MOBILE PHONE/TABLET VIA THE INTERFACE. AIRJET CAN BE CONNECTED TO THE AUTOMATIC STARTER SYSTEM KIT, ON REQUEST.

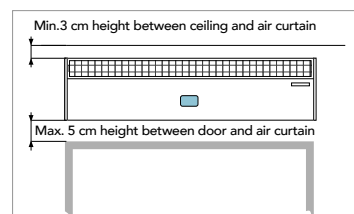


MADE IN ITALY

## LCD DISPLAY



## LED LIGHT BAR



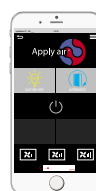
## ACCESSORIES



REMOTE CONTROL INCLUDED



EASILY CONTROLLED CENTRIFUGAL MOTOR FROM SMARTPHONE OR TABLET

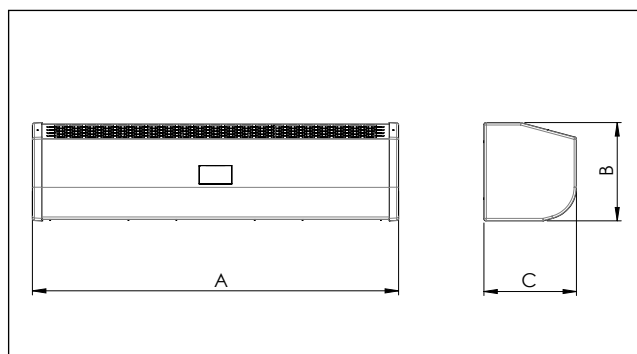


CENTRIFUGAL MOTOR

# CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR

MODEL	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
900	AAD400001	230 Vac/50 Hz	I: 175 II: 217 III: 296	I: 10 II: 12,5 III: 15	I: 737 II: 867 III: 1020	I: 50 II: 52 III: 53	12	L. 900 H. 3500	SUPERMARKET, RESTAURANTS, SHOPS
1200	AAD400002	230 Vac/50 Hz	I: 235 II: 272 III: 390	I: 10 II: 12,5 III: 15	I: 983 II: 1156 III: 1360	I: 51 II: 53 III: 54	16	L. 1200 H. 3500	SUPERMARKET, RESTAURANTS, SHOPS
1500	AAD400003	230 Vac/50 Hz	I: 272 II: 333 III: 490	I: 10 II: 12,5 III: 15	I: 1225 II: 1445 III: 1700	I: 53 II: 54 III: 56	20,6	L. 1500 H. 3500	SUPERMARKET, RESTAURANTS, SHOPS
2000	AAD400004	230 Vac/50 Hz	I: 330 II: 393 III: 590	I: 10 II: 12,5 III: 15	I: 1467 II: 1734 III: 2040	I: 54 II: 55 III: 57	24,5	L. 2000 H. 3500	SUPERMARKET, RESTAURANTS, SHOPS

## DIMENSIONS



DIMENSIONS (mm)			
MODEL	A	B	C
900	900	240	250
1200	1200	240	250
1500	1500	240	250
2000	2000	240	250

## INSTALLATION EXAMPLE

### EXAMPLE OF DAY



### EXAMPLE AT NIGHT WITH LED AIR CURTAIN ON



CODE	DESCRIPTION
AAD400001	CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR "AIRJET 900"
AAD400002	CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR "AIRJET 1200"
AAD400003	CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR "AIRJET 1500"
AAD400004	CENTRIFUGAL AIR CURTAIN WITH UPPER AIR INTAKE AND INCORPORATED LED LIGHT BAR "AIRJET 2000"





## TANGENTIAL AIR CURTAINS WITH UPPER AIR INTAKE

### TECHNICAL FEATURES

- 4 MODELS, WHITE COLOUR
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- PANEL WITH 3 COLOURED LEDS
- AUTOMATIC STARTER KIT AVAILABLE ON REQUEST (PAG. 49)
- UPPER AIR INTAKE
- UNIT MUST BE INSTALLED HORIZONTALLY



ON ROOM  
TEMPERATURE

# Aria3<sup>SILENCE</sup>

**THE AIR CURTAIN, POSITIONED INSIDE, ABOVE THE ENTRANCE DOOR, CREATES AN AIRFLOW WHICH, WHEN RAPIDLY PUSHED DOWNWARDS, DISTINCTLY SEPARATES THE INTERNAL AND EXTERNAL VOLUMES OF AIR, ALLOWING CLIMATE REGULATION IN ROOMS WITHOUT ANY HEAT LOSSES, BOTH IN WINTER AND IN SUMMER.**

OTHER IMPORTANT BENEFITS ARE:

**SIGNIFICANT REDUCTION OF THE ENERGY CONSUMPTION - PREVENTION OF EXHAUST FUMES AND DUST ENTERING WHEN THE DOORS INSIDE THE PREMISES ARE OPENED.**

THE OPTIMAL PERFORMANCE OF THE AIR CURTAIN IS ENSURED BY THE **3 DIFFERENT SPEEDS OF THE MOTOR, VISIBLE BY 3 LEDS. SPEEDS CAN BE VARIED USING THE REMOTE CONTROL.**

EVERY AIR CURTAIN IS SUPPLIED WITH SPACER WALL BRACKETS TO ALLOW THE REGULAR VERTICAL FLOW OF THE AIR.

**THE DISTANCE BETWEEN THE UNIT AND THE CEILING MUST BE AT LEAST 150 mm.**



CE

MADE IN ITALY

### ACCESSORIES



REMOTE CONTROL INCLUDED



TANGENTIAL MOTOR



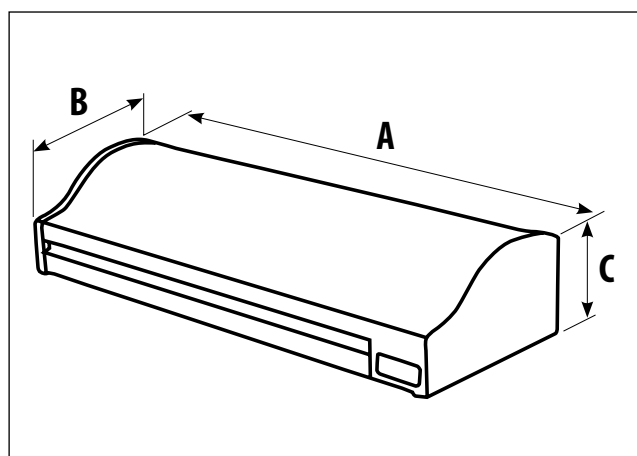
PANEL WITH 3 COLOURED LEDS

## TANGENTIAL AIR CURTAINS WITH UPPER AIR INTAKE

**Aria3** SILENCE

MODEL	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKEm/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	REMOTE CONTROL DEVICE	SUITABLE FOR mm DOORS	SUITABLE FOR
SINGLE-FAN TANGENTIAL AIR CURTAINS L: 1100 RIGHT - LEFT										
1100 RIGHT	12300050I	230 Vac 50 Hz	75	I: 8 II: 9 III: 10	765 846 918	61 64 66	13,3	ADJUSTMENT 3 SPEED	L 1000 H 3000	WAREHOUSES, SUPERMARKETS, DEPOSITS
1100 LEFT	12300051I									
DUAL-FAN TANGENTIAL AIR CURTAINS L: 1500 - 2000 CENTRAL										
1500 CEN.	12300055I	230 Vac 50 Hz	190	I: 8 II: 9 III: 10	1350 1458 1512	66 68 69	19,2	ADJUSTMENT 3 SPEED	L 1500 H 3000	WAREHOUSES, SUPERMARKETS, DEPOSITS
2000 CEN.	12300056I			I: 8 II: 9 III: 10	1494 1692 1818	64 66 68			25,7	L 2000 H 3000

### DIMENSIONS



DIMENSIONS (mm)			
MODEL	A	B	C
<b>1100 RIGHT</b>	<b>1070</b>	<b>245</b>	<b>180</b>
<b>1100 LEFT</b>	<b>1070</b>	<b>245</b>	<b>180</b>
<b>1500 CENTRAL</b>	<b>1422</b>	<b>245</b>	<b>180</b>
<b>2000 CENTRAL</b>	<b>2032</b>	<b>245</b>	<b>180</b>

CODE	DESCRIPTION
<b>12300050I</b>	<b>SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 RIGHT WITH UPPER AIR INTAKE</b>
<b>12300051I</b>	<b>SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 LEFT WITH UPPER AIR INTAKE</b>
<b>12300055I</b>	<b>DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1500 CENTRAL WITH UPPER AIR INTAKE</b>
<b>12300056I</b>	<b>DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 2000 CENTRAL WITH UPPER AIR INTAKE</b>





# TANGENTIAL AIR CURTAINS WITH UPPER AIR INTAKE WITH ONE OR TWO RESISTANCES

## TECHNICAL FEATURES

- 8 MODELS, WHITE COLOUR
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- PANEL WITH 3 COLOURED LEDS
- UPPER AIR INTAKE
- RESISTANCE OPERATED BY REMOTE CONTROL
- THE AIR CURTAINS WITH TWO HEATING ELEMENTS HAVE THE OPTION TO PARTIALIZE THE WORKING OF THE HEATING ELEMENTS.
- UNIT MUST BE INSTALLED HORIZONTALLY

# Aria3<sup>SILENCE</sup>

**THE RANGE OF TANGENTIAL AIR CURTAINS BY TECNOSYSTEMY CONSIST OF 8 MODELS THAT CAN WORK BOTH AT ROOM TEMPERATURE AND WARM AIR.**

THE ELECTRIC RESISTANCE EQUIPPED IN THE AIR CURTAINS WARMS THE AIR GENERATING A WARM AIRFLOW.

EVERY AIR CURTAIN IS SUPPLIED WITH REMOTE CONTROL. IT SWITCHES ON – OFF THE AIR CURTAIN, VARIES THE SPEEDS (3) OF THE MOTOR AND SWITCHES ON THE HEATING ELEMENT.

**THE DASHBOARD WITH 5 BRIGHT LEDS** ALLOWS TO **VERIFY** THE OPERATING MODE AND TO ADJUST THE FUNCTIONS MANUALLY.

EVERY AIR CURTAIN IS SUPPLIED WITH SPACER WALL BRACKETS TO **ALLOW THE REGULAR VERTICAL FLOW OF THE AIR.**

**THE DISTANCE BETWEEN THE UNIT AND THE CEILING MUST BE AT LEAST 150 mm.**



CE

MADE IN ITALY

## ACCESSORIES



REMOTE CONTROL INCLUDED



TANGENTIAL MOTOR

WITH 1 RESISTANCE



WITH 2 RESISTANCES



PANEL WITH 3 COLOURED LEDS

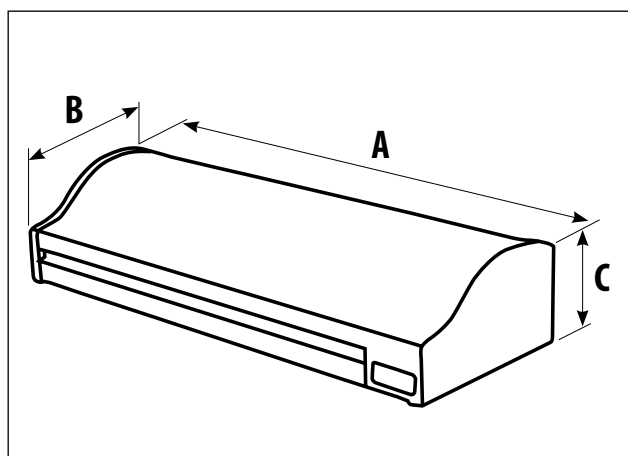


# TANGENTIAL AIR CURTAINS WITH ONE RESISTANCE

MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	ABSORBED POWER WITH RESISTANCE W	AIR SPEED AT THE INTAKEm/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	Δt °C AIR SPEED AT THE INTAKE	WEIGHT kg	REMOTE CONTROL DEVICE	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
SINGLE-FAN TANGENTIAL AIR CURTAINS WITH 1 RESISTANCE L: 1100 WITH UPPER AIR INTAKE												
1100 RIGHT	12300050RI	230 Vac 50 Hz	75	1900	I: 7,5 II: 8 III: 9	693 738 783	65 67 68	12°*	14,8	Adjustment 3 Speed and On/off resistance	L 1000 H 3000	WAREHOUSES, SUPERMARKETS, DEPOSITS
1100 LEFT	12300051RI											
DUAL-FAN TANGENTIAL AIR CURTAINS WITH 2 RESISTANCES L: 1500 - 2000 WITH UPPER AIR INTAKE												
1500 CEN.	12300055RI	230 Vac 50 Hz	190	3200	I: 7,5 II: 8 III: 9	1161 1188 1215	68 68,5 69	12°*	21,4	Adjustment 3 Speed and On/off resistance	L 1500 H 3000	WAREHOUSES, SUPERMARKETS, DEPOSITS
2000 CEN.	12300056RI			3800	I: 7,5 II: 8 III: 9	1332 1404 1458	67 68 70		28,6		L 2000 H 3000	WAREHOUSES, SUPERMARKETS, DEPOSITS

\*THE INDICATED TEMPERATURE REFERS TO THE INCREASE IN TEMPERATURE BETWEEN THE ROOM AND THE AIR BEING DISCHARGED FROM THE AIR CURTAIN AT MINIMUM SPEED.

## DIMENSIONS



DIMENSIONS (mm)			
MODEL	A	B	C
<b>1100 RIGHT</b>	<b>1070</b>	<b>245</b>	<b>180</b>
<b>1100 LEFT</b>	<b>1070</b>	<b>245</b>	<b>180</b>
<b>1500 CENTRAL</b>	<b>1422</b>	<b>245</b>	<b>180</b>
<b>2000 CENTRAL</b>	<b>2032</b>	<b>245</b>	<b>180</b>

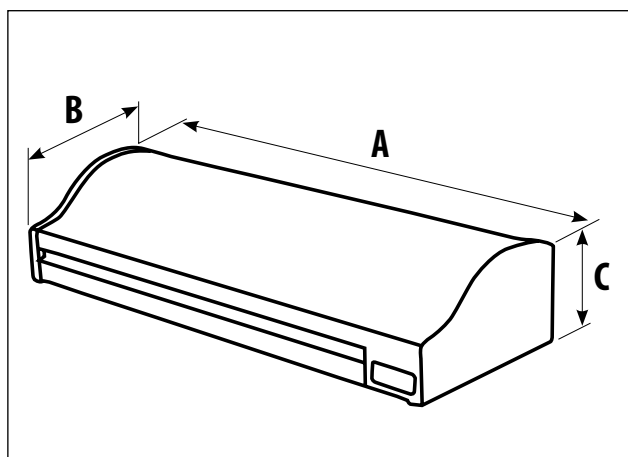
CODE	DESCRIPTION
<b>12300050RI</b>	<b>SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 RIGHT WITH 1 RESISTANCE</b>
<b>12300051RI</b>	<b>SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 LEFT WITH 1 RESISTANCE</b>
<b>12300055RI</b>	<b>DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1500 CENTRAL WITH 2 RESISTANCES</b>
<b>12300056RI</b>	<b>DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 2000 CENTRAL WITH 2 RESISTANCES</b>

# TANGENTIAL AIR CURTAINS WITH 2 RESISTANCES

MOD.	CODICE	SUPPLY VOLTAGE	ABSORBED POWER W	ABSORBED POWER WITH RESIST. ½ LOAD W	ABSORBED POWER WITH RESIST. FULL LOAD W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	Δt °C AIR WITH ELEMENT	WEIGHT kg	REMOTE CONTROL DEVICE	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
FAN TANGENTIAL AIR CURTAINS WITH 2 RESISTANCES L: 1100 WITH UPPER AIR INTAKE													
1100 RIGHT RESIST.	12300050RI2	230 Vac 50 Hz	75	1900	3800	I: 7,5 II: 8 III: 8,5	675 720 738	64 65 66	25°*	15,7	Adjustment 3 Speed and On/off resistance	L 1000 H 3000	WAREHOUSES SUPERMARKETS, DEPOSITS
1100 LEFT RESIST.	12300051RI2												
DUAL-FAN TANGENTIAL AIR CURTAINS WITH 4 RESISTANCES L: 1500 - 2000 WITH UPPER AIR INTAKE													
1500 CEN. RESIST.	12300055RI2	400 Vac 50 Hz	190	3200	6400	I: 7,5 II: 8 III: 8,5	1134 1174 1188	66 67 67	25°*	22,3	3 Speed and On/off resistance	L 1500 H 3000	WAREHOUSES SUPERMARKETS, DEPOSITS
2000 CEN. RESIST.	12300056RI2			3800	7600	I: 7,5 II: 8 III: 8,5	1242 1278 1332	66,5 67 70		29,6		L 2000 H 3000	

\* TEMPERATURE REFERS TO THE INCREASE IN TEMPERATURE BETWEEN THE ROOM AND THE AIR BEING DISCHARGED FROM THE AIR CURTAIN AT MINIMUM SPEED.

## DIMENSIONS



DIMENSIONS (mm)			
MODEL	A	B	C
1100 RIGHT	1070	245	180
1100 LEFT	1070	245	180
1500 CEN.	1422	245	180
2000 CEN.	2032	245	180

CODE	DESCRIPTION
12300050RI2	SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 RIGHT WITH 2 RESISTANCES
12300051RI2	SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1100 LEFT WITH 2 RESISTANCES
12300055RI2	DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 1500 CENTRAL WITH 4 RESISTANCES
12300056RI2	DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE" 2000 CENTRAL WITH 4 RESISTANCES



**Aria3** SILENCE  
FRONT

# TANGENTIAL AIR CURTAINS WITH FRONTAL AIR INTAKE

## TECHNICAL FEATURES

- 4 MODELS, WHITE COLOUR
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- PANEL WITH 3 COLOURED LEDS
- AUTOMATIC START KIT AVAILABLE ON REQUEST (PAG. 49)
- FRONTAL AIR INTAKE
- UNIT MUST BE INSTALLED HORIZONTALLY



# Aria3

 SILENCE FRONT

THE AIR CURTAIN, POSITIONED INSIDE, ABOVE THE ENTRANCE DOOR, CREATES AN AIRFLOW WHICH, WHEN RAPIDLY PUSHED DOWNWARDS, DISTINCTLY SEPARATES THE INTERNAL AND EXTERNAL VOLUMES OF AIR, **ALLOWING CLIMATE REGULATION IN ROOMS WITHOUT ANY HEAT LOSSES, BOTH IN WINTER AND IN SUMMER.**

OTHER IMPORTANT BENEFITS ARE:

- **SIGNIFICANT REDUCTION IN ENERGY CONSUMPTION**
- **PREVENTION OF EXHAUST FUMES AND DUST ENTERING WHEN THE DOORS INSIDE THE PREMISES ARE OPENED**

THE OPTIMAL PERFORMANCE OF THE AIR CURTAIN IS ENSURED BY THE **3 DIFFERENT SPEEDS** OF THE MOTOR, VISIBLE BY **3 LED**. SPEEDS CAN BE VARIED USING THE REMOTE CONTROL.

**THE MODELS WITH FRONT AIR INTAKE CAN BE INSTALLED UNDERNEATH THE CEILING.**



CE

MADE IN ITALY



## ACCESSORIES



REMOTE CONTROL INCLUDED



TANGENTIAL MOTOR

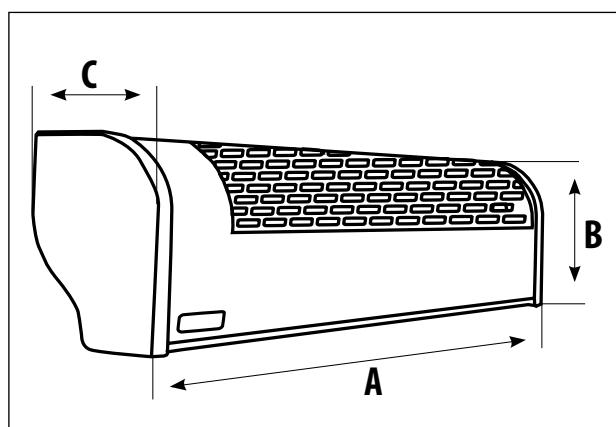


PANEL WITH 3 COLOURED LEDS

## TANGENTIAL AIR CURTAINS WITH FRONTAL AIR INTAKE

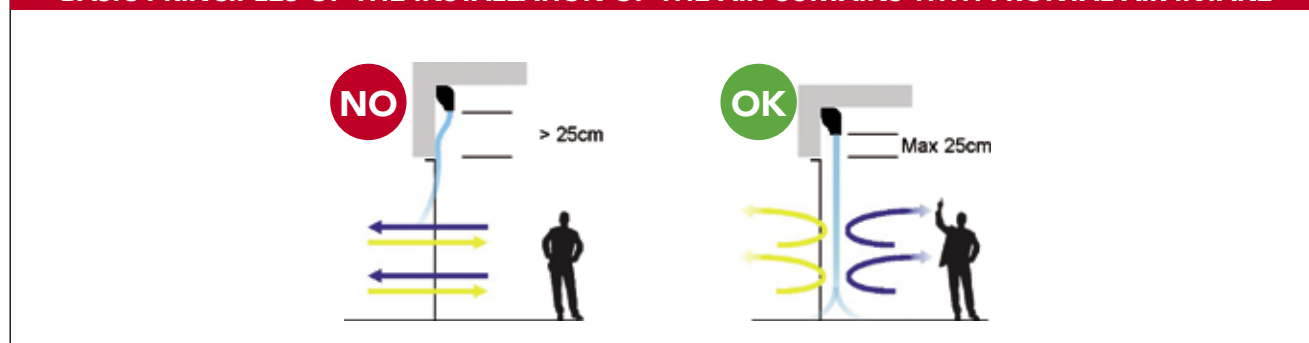
MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKEm/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	REMOTE CONTROL DEVICE	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
SINGLE-FAN TANGENTIAL AIR CURTAINS: 1100 RIGHT - LEFT										
1100 RIGHT	12400011	230 Vac 50 Hz	75	I: 9	963	50	11,2	Adjustment 3 Speed	L 1000 H 3000	SUPERMARKETS, SHOPS, RESTAURANTS
1100 LEFT	12400013			II: 10 III: 11	1080 1152	53 55				
DUAL-FAN TANGENTIAL AIR CURTAINS L: 1500 - 2000										
1500 CEN.	12400021	230 Vac 50 Hz	190	I: 9	1416	54	14,7	Adjustment 3 Speed	L 1500 H 3000	SUPERMARKETS, SHOPS, RESTAURANTS
2000 CEN.	12400031			I: 9 II: 10 III: 11	1494 1692 1818	64 66 68			20,1	

### DIMENSIONS



DIMENSIONS			
MODEL	A	B	C
1100 RIGHT	1070	245	180
1100 LEFT	1070	245	180
1500 CENTRAL	1422	245	180
2000 CENTRAL	2032	245	180

### BASIC PRINCIPLES OF THE INSTALLATION OF THE AIR CURTAINS WITH FRONTAL AIR INTAKE



CODE	DESCRIPTION
12400011	SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE FRONT" 1100 RIGHT WITH FRONTAL AIR INTAKE
12400013	SINGLE-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE FRONT" 1100 LEFT WITH FRONTAL AIR INTAKE
12400021	DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE FRONT" 1500 CENTRAL WITH FRONTAL AIR INTAKE
12400031	DUAL-FAN TANGENTIAL AIR CURTAINS "ARIA3 SILENCE FRONT" 2000 CENTRAL WITH FRONTAL AIR INTAKE



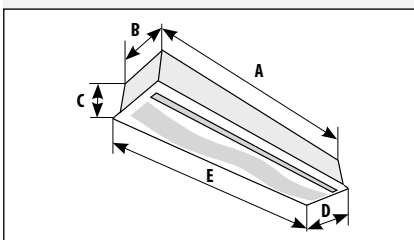


**ARIA2** ELEGANCE T

# BUILT-IN TANGENTIAL AIR CURTAINS AT ROOM TEMPERATURE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- MAX INSTALLATION HEIGHT 2,2 mt
- COMPLETE INTEGRATION WITH FALSE CEILING
- UNIT MUST BE INSTALLED HORIZONTALLY



### DIMENSIONS (mm)

MOD.	A	B	C	D	E
1100	1086	362	270	396	1120
1500	1440	362	270	396	1472
2000	2040	362	270	396	2072



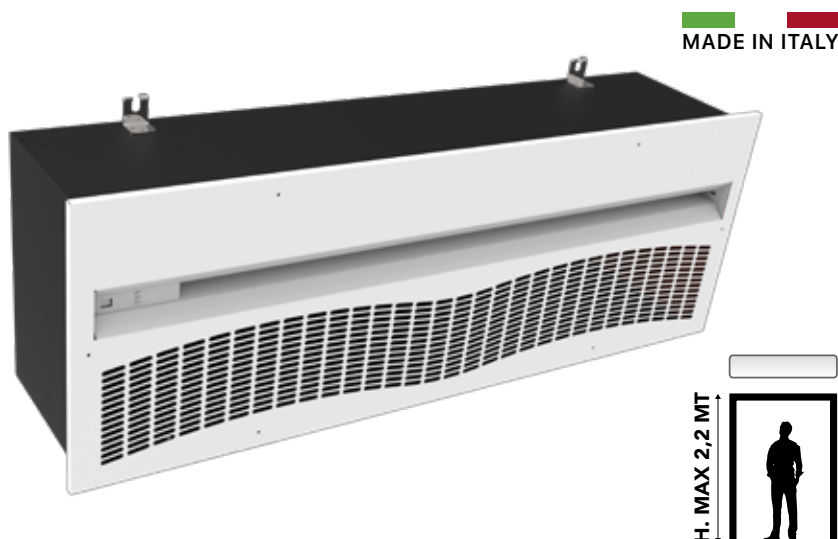
## ARIA2 ELEGANCE T

THIS SPECIFIC RANGE OF BUILT-IN AIR CURTAINS BY TECNOSYSTEMI STANDS OUT FOR THE DISCREET INSTALLATION RESULTS AND IT OFFERS THE IDEAL SOLUTION FOR THE INSTALLATIONS ON FALSE CEILING.

THE BUILT-IN AIR CURTAINS ARE EASY TO INSTALL, SILENT AND HAVE A HIGH AIRFLOW RATE

THEY FIT TO ALL INTERIOR STYLES.

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES**



## ACCESSORIES



REMOTE CONTROL INCLUDED



TANGENTIAL MOTOR



PANEL WITH 3 COLOURED LEDS

MOD.	CODE	WEIGHT kg	AIR SPEED AT VENT m/s	AIR FLOW RATE m³/h	SOUND LEVEL dB (A)	POWER SUPPLY	ABSORBED POWER W	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1100	12450014	22	I: 8 II: 9 III:10	I: 706 II: 768 III:967	I: 46 II: 51 III:53	220 Vac 50 Hz	75	L = 1000 H. MAX 2200 H. MIN. 1800	SUPERMARKETS, SHOPS, RESTAURANTS
1500	12450024	33	I: 8 II: 9 III:10	I:1135 II: 1238 III:1289	I: 50 II: 53 III: 54	220 Vac 50 Hz	190	L = 1500 H. MAX. 2200 H. MIN. 1800	SUPERMARKETS, SHOPS, RESTAURANTS
2000	12450034	47	I: 8 II: 9 III:10	I: 1419 II: 1560 III:1635	I: 48 II: 51 III: 52	230 Vac 50 Hz	190	L =2000 H.MAX =2200 H. MIN. 1800	SUPERMERCATI NEGOZI RISTORANTI

CODE	DESCRIPTION
12450014	BUILT-IN TANGENTIAL AIR CURTAINS "ARIA2 ELEGANCE T" 1100
12450024	BUILT-IN TANGENTIAL AIR CURTAINS "ARIA2 ELEGANCE T" 1500
12450034	BUILT-IN TANGENTIAL AIR CURTAINS "ARIA2 ELEGANCE T" 2000



**ARIA2** ELEGANCE TR



# BUILT-IN TANGENTIAL AIR CURTAINS WITH ELECTRIC RESISTANCE

## TECHNICAL FEATURES

- 6 MODELS, WHITE COLOUR
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- MAX INSTALLATION HEIGHT 2,2 MT
- AUTOMATIC START KIT AVAILABLE ON REQUEST (PAG. 49)
- COMPLETE INTEGRATION WITH FALSE CEILING
- POSSIBILITY TO PARTIALIZE THE WORKING OF THE HEATING ELEMENTS
- UNIT MUST BE INSTALLED HORIZONTALLY

## ARIA<sup>2</sup> ELEGANCE TR

THIS SPECIFIC RANGE OF BUILT-IN AIR CURTAINS BY TECNOSYSTEMI **STANDS OUT FOR THE DISCREET INSTALLATION RESULTS AND IT OFFERS THE IDEAL SOLUTION FOR THE INSTALLATIONS ON FALSE CEILING.**

THE BUILT-IN AIR CURTAINS ARE EASY TO INSTALL, SILENT AND HAVE A HIGH AIRFLOW RATE.

THEY FIT TO ALL INTERIOR STYLES.

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES.**



WITH ELECTRIC  
RESISTANCE

CE

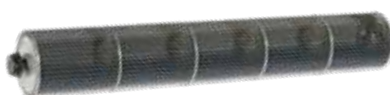
MADE IN ITALY



## ACCESSORIES



REMOTE CONTROL INCLUDED



TANGENTIAL MOTOR

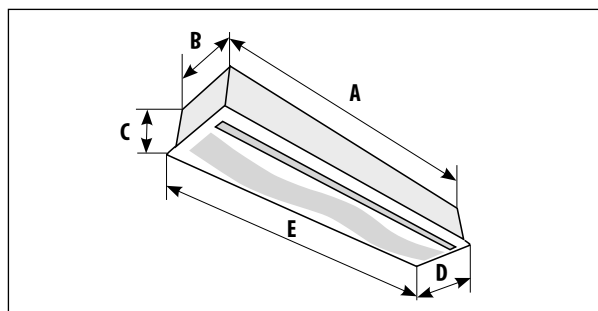


PANEL WITH 3 COLOURED LEDS

# RESTAURANTS BUILT-IN TANGENTIAL AIR CURTAINS WITH ELECTRIC

MOD.	CODE	WEIGHT kg	AIR SPEED AT THE INTAKE m/s	AIR FLOW m <sup>3</sup> /h	SOUND LEVEL dB (A)	Δ°C AIR WITH RESI- ST	SUPPLY VOLTAGE	ABSORBED POWER W	POWER WITH RESIST. ½ LOAD W	POWER WITH RESIST. FULL LOAD W	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
<b>TANGENTIAL AIR CURTAINS WITH 2 ELECTRIC RESISTANCES</b>												
1100	12450014R2	23	I: 8 II: 9 III: 10	I: 692 II: 753 III: 948	I: 47 II: 52 III: 54	12	220 Vac 50 Hz	75	1900	3800	L = 1000 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS
<b>TANGENTIAL AIR CURTAINS WITH 3 ELECTRIC RESISTANCES</b>												
1100	12450014R3	24	I: 8 II: 9 III: 10	I: 678 II: 738 III: 929	I: 47 II: 52 III: 54	15	400 Vac 50 Hz	75	3800	5700	L = 1000 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS
<b>TANGENTIAL AIR CURTAINS WITH 4 ELECTRIC RESISTANCES</b>												
1500	12450024R2	35	I: 8 II: 9 III: 10	I: 1.112 II: 1.213 III: 1.263	I: 51 II: 54 III: 55	19	400 Vac 50 Hz	190	3200	6400	L = 1500 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS
2000	12450034R2	49	I: 8 II: 9 III: 10	I: 1.090 II: 1.189 III: 1.238	I: 49 II: 52 III: 53	19	400V 50 Hz	190	3800	7600	L = 2000 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS
<b>TANGENTIAL AIR CURTAINS WITH 6 ELECTRIC RESISTANCES</b>												
1500	12450024R3	36	I: 8 II: 9 III: 10	I: 1.090 II: 1.189 III: 1.238	I: 52 II: 55 III: 56	25	400 Vac 50 Hz	190	6400	9600	L = 1500 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS
2000	12450034R3	50	I: 8 II: 9 III: 10	I: 1.068 II: 1.165 III: 1.213	I: 50 II: 53 III: 54	25	400 Vac 50 Hz	190	7600	11400	L = 2000 H MAX 2200 H MIN 1800	SUPERMAR- KETS, SHOPS, RESTAURANTS

## DIMENSIONS



DIMENSIONS (mm)					
MODEL	A	B	C	D	E
1100	1086	362	270	396	1120
1500	1440	362	270	396	1472
2000	2040	362	270	396	2072

CODE	DESCRIPTION
12450014R2	TANGENTIAL AIR CURTAINS WITH 2 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 1100
12450014R3	TANGENTIAL AIR CURTAINS WITH 3 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 1100
12450024R2	TANGENTIAL AIR CURTAINS WITH 4 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 1500
12450024R3	TANGENTIAL AIR CURTAINS WITH 6 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 1500
12450034R2	TANGENTIAL AIR CURTAINS WITH 4 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 2000
12450034R3	TANGENTIAL AIR CURTAINS WITH 6 ELECTRIC RESISTANCES "ARIA2 ELEGANCE TR" 2000



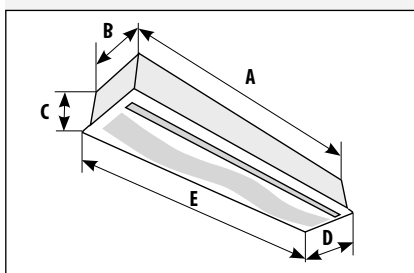


**ARIA2** ELEGANCE

# BUILT-IN CENTRIFUGAL AIR CURTAINS AT ROOM TEMPERATURE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- SPEED CONTROLLER SUPPLIED
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- AIR FLOW REGULATION BY FIN
- FULLY INTEGRATES INTO A FALSE CEILING
- MAX INSTALLATION HEIGHT 3,5 mt.
- UNIT MUST BE INSTALLED HORIZONTALLY



DIMENSIONS (mm)

MOD.	A	B	C	D	E
1000	1000	362	270	396	1034
1500	1500	362	270	396	1524
2000	2000	362	270	396	2034



ACCESSORIES

## ARIA2 ELEGANCE

THIS SPECIFIC RANGE OF BUILT-IN AIR CURTAINS BY TECNOSYSTEMI **STANDS OUT FOR THE DISCREET INSTALLATION RESULTS AND IT OFFERS THE IDEAL SOLUTION FOR THE INSTALLATIONS ON FALSE CEILING.**

THE BUILT-IN AIR CURTAINS ARE EASY TO INSTALL, SILENT AND HAVE A HIGH AIRFLOW RATE.

THEY FIT TO ALL INTERIOR STYLES.

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES.**



MADE IN ITALY



SPEED CONTROLLER SUPPLIED



CENTRIFUGAL MOTOR

MODEL	CODE	WEIGHT kg	MAX AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	SUPPLY VOLTAGE	ABSORBED POWER W	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1000	12300033	22	12	1436	60	230 Vac 50 Hz	225	L = 1000 H MAX 3500 H MIN 1800	SUPERMARKETS, SHOPS, RESTAURANTS
1500	12300035	33	12	2129	61	230 Vac 50 Hz	300	L = 1500 H MAX 3500 H MIN 1800	SUPERMARKETS, SHOPS, RESTAURANTS
2000	12450030	47	12	3197	62	230 Vac 50 Hz	450	L = 2000 H MAX = 3500 H MIN 1800	SUPERMARKETS, SHOPS, RESTAURANTS

CODICE	DESCRIZIONE
12300033	BUILT-IN CENTRIFUGAL AIR CURTAINS AT ROOM TEMPERATURE "ARIA2 ELEGANCE" 1000
12300035	BUILT-IN CENTRIFUGAL AIR CURTAINS AT ROOM TEMPERATURE "ARIA2 ELEGANCE" 1500
12450030	BUILT-IN CENTRIFUGAL AIR CURTAINS AT ROOM TEMPERATURE "ARIA2 ELEGANCE" 2000

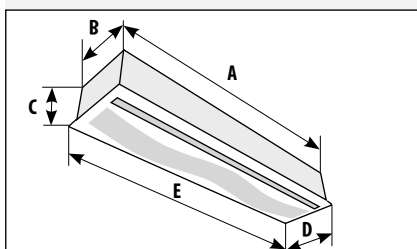


**ARIA2** ELEGANCE CR

# BUILT-IN CENTRIFUGAL AIR CURTAINS WITH ELECTRIC RESISTANCE

## TECHNICAL FEATURES

- WHITE COLOUR
- FULLY INTEGRATES INTO A FALSE CEILING
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AUTOMATIC START KIT AVAILABLE ON REQUEST (PAG. 49)
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3 mt.



### DIMENSIONS (mm)

MOD.	A	B	C	D	E
1000	1000	362	270	396	1034
1500	1500	362	270	396	1524
2000	2000	362	270	396	2034

MADE IN ITALY



## ACCESSORIES



REMOTE CONTROL INCLUDED



CENTRIFUGAL MOTOR



PANEL WITH 3 COLOURED LEDS



# ARIA2 ELEGANCE CR

THE AIR CURTAINS "ARIA2 ELEGANCE CR" STAND OUT FOR THE DISCREET INSTALLATION RESULTS.

THE BUILT-IN AIR CURTAINS ARE EASY TO INSTALL, SILENT AND HAVE A HIGH AIRFLOW RATE.

THEY FIT TO ALL INTERIOR STYLES.

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES.**



WITH ELECTRIC RESISTANCE



MOD.	CODE	WEIGHT kg	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	Δ°C AIR WITH RESIST.	SUPPLY VOLTAGE	ABSORBED POWER W	ABSORBED POWER ½ LOAD W	ABSORBED POWER RESIST. FULL LOAD W	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
<b>CENTRIFUGAL AIR CURTAINS WITH 3 ELECTRIC RESISTANCES</b>												
1000	12300033R3	23	I: 9 II: 11 III: 12	I: 1163 II: 1242 III: 1436	I: 54 II: 57 III: 60	20	400 Vac 50 Hz	180	3800	5700	L=1000 H MAX= 3000 H MIN= 1800	SUPERMARKETS, SHOPS, RESTAURANTS

<b>CENTRIFUGAL AIR CURTAINS WITH 6 ELECTRIC RESISTANCES</b>												
1500	12300035R3	36	I: 9 II: 11 III: 12	I: 1724 II: 1916 III: 2129	I: 55 II: 58 III: 61	20	400 Vac 50 Hz	240	6400	9600	L= 1500 H MAX = 3000 H MIN = 1800	SUPERMARKETS, SHOPS, RESTAURANTS
2000	12450030R3	50	I: 9 II: 11 III: 12	I: 2589 II: 2877 III: 3197	I: 56 II: 59 III: 62		400 Vac 50 Hz	360	7600	11400	L= 2000 H MAX = 3000 H MIN = 1800	SUPERMARKETS, SHOPS, RESTAURANTS

CODICE	DESCRIZIONE
12300033R3	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH 3 ELECTRICAL RESISTANCES "ARIA2 ELEGANCE CR" 1000
12300035R3	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH 6 ELECTRICAL RESISTANCES "ARIA2 ELEGANCE CR" 1500
12450030R3	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH 6 ELECTRICAL RESISTANCES "ARIA2 ELEGANCE CR" 2000





**ARIA<sup>2</sup>** ELEGANCE H2O

# BUILT-IN CENTRIFUGAL AIR CURTAIN WITH HOT WATER COIL

## TECHNICAL FEATURES

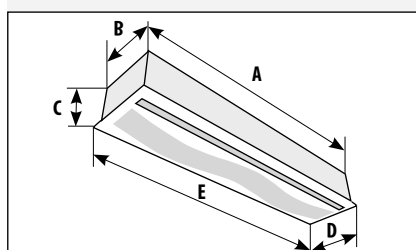
- WHITE COLOR
- FULLY INTEGRATES INTO A FALSE CEILING
- 3 SPEEDS OPERATED BY REMOTE CONTROL
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3 mt

## ARIA2 ELEGANCE H2O

THE BUILT-IN AIR CURTAINS OF THE RANGE "ARIA 2 ELEGANCE H2O" STAND OUT **FOR THE DISCREET INSTALLATION RESULTS AND THEY OFFER THE IDEAL SOLUTION FOR THE INSTALLATIONS ON FALSE CEILING.**

THE BUILT-IN AIR CURTAINS ARE EASY TO INSTALL, **SILENT AND HAVE A HIGH AIRFLOW RATE.**

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES.**



DIMENSIONS (mm)

MOD.	A	B	C	D	E
1000	1000	362	331	396	1034
1500	1500	362	331	396	1524
2000	2000	362	331	396	2034



## ACCESSORIES



REMOTE CONTROL INCLUDED



CENTRIFUGAL MOTOR



MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	IN/OUT FITTING MEASURE	AV. TEMP. HEAT LIQ.		POWER THERMIC KW	AV. LIQ. FLOW m³/h	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
									INPUT	OUTPUT				
1000	12450092	230V 50 Hz	180	I: 8 II: 10 III: 12	1590	62	31,90	1/2"	70°C	60°C	11,4	1	L=1000 H=3000	SUPERMARKETS, SHOPS, RESTAURANTS
1500	12450102	230V 50 Hz	240	I: 8 II: 10 III: 12	2120	64	45,10	1/2"	70°C	60°C	16,1	1,42	L=1500 H=3000	SUPERMARKETS, SHOPS, RESTAURANTS
2000	12450112	230V 50 Hz	360	I: 8 II: 10 III: 12	3190	66	64	1/2"	70°C	60°C	24,1	2,12	L=2000 H=3000	SUPERMARKETS, SHOPS, RESTAURANTS

CODE	DESCRIPTION
12450092	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL "ARIA2 ELEGANCE H2O" 1000
12450102	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL "ARIA2 ELEGANCE H2O" 1500
12450112	BUILT-IN CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL "ARIA2 ELEGANCE H2O" 2000

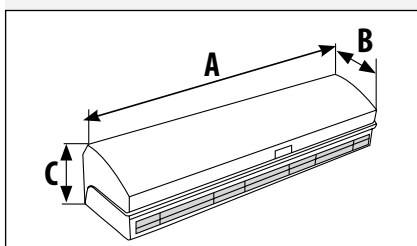


*AirFor3*<sup>UP</sup>

# CENTRIFUGAL AIR CURTAINS WITH UPPER AIR INTAKE

## TECHNICAL FEATURES

- 2 MODELS, WHITE COLOUR
- OPERATING TEMPERATURE: FROM + 50 °C TO -10 °C
- 3 SPEEDS OPERATED BY REMOTE CONTROL OR MANUALLY
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- THE UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3,5 mt



DIMENSIONS (mm)

MODEL	A	B	C
1000	1000	230	212
1500	1500	230	212



ON ROOM  
TEMPERATURE



MADE IN ITALY

# AirFor3<sup>UP</sup>

THE AIR CURTAINS OF THE RANGE "AIRFOR 3 UP" **ARE RECOMMENDED FOR THE INSTALLATION ABOVE THE ENTRANCE OF SHOPPING CENTRES, OFFICES, HOTELS AND RESTAURANTS. THEY GENERATE AN AIRFLOW THAT STOPS THE AIR ENTERING FROM OUTSIDE.**

**THEY PREVENT BAD ODOURS AND DUST ENTERING FROM OUTSIDE AND PREVENT HEAT LOSS.**

**IN MODELS WITH UPPER AIR INTAKE, THE DISTANCE BETWEEN UNIT AND THE CEILING MUST BE AT LEAST 200 mm.**



## ACCESSORIES



### REMOTE CONTROL INCLUDED

### CENTRIFUGAL MOTOR

MOD.	CODE	POWER SUPPLY	ABSORBED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	REMOTE CONTROL	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1000	12300038	230 Vac 50 Hz	I: 186 II: 238 III: 322	I: 9 II: 11 III: 12,5	798	I: 46 II: 51 III: 58	16,9	ADJUSTMENT 3 SPEED	L = 1000 H = 3500	SUPER- MARKET, RESTAU- RANTS, SHOPS
1500	12300039	230 Vac 50 Hz	I: 291 II: 381 III: 536	I: 9 II: 11 III: 12,5	1330	I: 51 II: 56 III: 62	22,6	ADJUSTMENT 3 SPEED	L = 1500 H = 3500	SUPER- MARKET, RESTAU- RANTS, SHOPS

CODE	DESCRIPTION
12300038	CENTRIFUGAL AIR CURTAINS WITH UPPER INTAKE "AIRFOR3 UP" 1000
12300039	CENTRIFUGAL AIR CURTAINS WITH UPPER INTAKE "AIRFOR3 UP" 1500



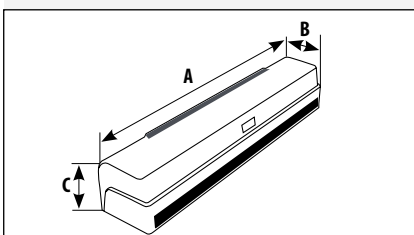


*AirFor3* <sup>STYLE</sup>

# CENTRIFUGAL AIR CURTAINS WITH ABS PLASTIC BODY AND UPPER AIR INTAKE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- OPERATING TEMPERATURE: FROM + 50 °C TO -10 °C
- 3 SPEEDS OPERATED BY REMOTE CONTROL OR MANUALLY
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- THE UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 4 mt



### DIMENSIONS (mm)

MODEL	A	B	C
900	900	231	216
1200	1200	231	216
1500	1500	231	216



## ACCESSORIES



### REMOTE CONTROL INCLUDED

### CENTRIFUGAL MOTOR

MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	REMOTE CONTROL	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
900	AAC100001	230 Vac 50 Hz	I: 175 II: 217 III: 296	I: 10 II: 12,5 III: 15	I: 737 II: 867 III: 1020	I: 50 II: 52 III: 53	12	ADJUSTMENT 3 SPEED	L: 900 H: 3000	SUPER-MARKET, RESTAURANTS, SHOPS
1200	12300044	230 Vac 50 Hz	I: 235 II: 272 III: 390	I: 10 II: 12,5 III: 15	I: 983 II: 1156 III: 1360	I: 51 II: 53 III: 54	16	ADJUSTMENT 3 SPEED	L: 1200 H: 4000	SUPER-MARKET, RESTAURANTS, SHOPS
1500	123000445	230 Vac 50 Hz	I: 272 II: 333 III: 490	I: 10 II: 12,5 III: 15	I: 1225 II: 1445 III: 1700	I: 53 II: 54 III: 56	20,6	ADJUSTMENT 3 SPEED	L: 1500 H: 4000	SUPER-MARKET, RESTAURANTS, SHOPS

CODE	DESCRIPTION
AAC100001	CENTRIFUGAL AIR CURTAINS WITH ABS PLASTIC BODY AND UPPER AIR INTAKE "AIRFOR3 STYLE" 900
12300044	CENTRIFUGAL AIR CURTAINS WITH ABS PLASTIC BODY AND UPPER AIR INTAKE "AIRFOR3 STYLE" 1200
123000445	CENTRIFUGAL AIR CURTAINS WITH ABS PLASTIC BODY AND UPPER AIR INTAKE "AIRFOR3 STYLE" 1500

# AirFor3<sup>STYLE</sup>

THE AIR CURTAINS OF THE RANGE "AIRFOR 3 STYLE" **ARE RECOMMENDED FOR THE INSTALLATION ABOVE THE ENTRANCE OF SHOPPING CENTRES, OFFICES, HOTELS AND RESTAURANTS.** THEY GENERATE AN AIRFLOW THAT STOPS THE AIR ENTERING FROM OUTSIDE.

THEY PREVENT BAD ODOURS AND DUST ENTERING FROM OUTSIDE AND PREVENT HEAT LOSS.

IN MODELS WITH UPPER AIR INTAKE, THE DISTANCE BETWEEN UNIT AND THE CEILING MUST BE AT LEAST 150 mm.



ON ROOM  
TEMPERATURE





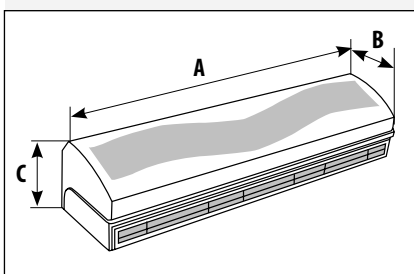


**AirFor3** FRONT

# CENTRIFUGAL AIR CURTAINS WITH FRONT AIR INTAKE

## TECHNICAL FEATURES

- 2 MODELS, WHITE COLOUR
- OPERATING TEMPERATURE: FROM 50 °C TO 10 °C
- 3 SPEEDS CONTROLLED BY REMOTE CONTROL DEVICE OR MANUALLY
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3,5 mt



### DIMENSIONS (mm)

MODEL	A	B	C
1000	1000	230	212
1500	1500	230	212

# AirFor3<sup>FRONT</sup>

THE AIR CURTAINS "AIRFOR 3 FRONT" POSITIONED INSIDE, ABOVE THE ENTRANCE DOOR OF HOTEL, RESTAURANTS, MALLS, **GENERATE AN AIRFLOW THUS TO STOP THE EXTERNAL AIR TO COME INSIDE.**

**THEY PREVENT BAD ODOURS AND DUST ENTERING FROM OUTSIDE AND PREVENT HEAT LOSS.**

**THE MODELS WITH FRONT AIR INTAKE CAN BE INSTALLED UNDERNEATH THE CEILING.**



## ACCESSORIES

MADE IN ITALY



REMOTE CONTROL INCLUDED



CENTRIFUGAL MOTOR

MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	REMOTE CONTROL DEVICE	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1000	12300036	230 Vac 50 Hz	I: 135 II: 165 III: 195	I: 9 II: 11 III: 12,5	I: 550 II: 673 III: 798	I: 48 II: 52 III: 56	16,9	ADJUSTMENT 3 SPEED	L: 1000 H: 3500	SUPERMARKET, RESTAURANTS, SHOPS
1500	12300037	230 Vac 50 Hz	I: 265 II: 303 III: 351	I: 9 II: 11 III: 12,5	I: 939 II: 1148 III: 1330	I: 52 II: 57 III: 62	22,6	ADJUSTMENT 3 SPEED	L: 1500 H: 3500	SUPERMARKET, RESTAURANTS, SHOPS

CODE	DESCRIPTION
12300036	CENTRIFUGAL AIR CURTAINS WITH FRONT AIR INTAKE "AIRFOR3 FRONT" L1000
12300037	CENTRIFUGAL AIR CURTAINS WITH FRONT AIR INTAKE "AIRFOR3 FRONT" L1500



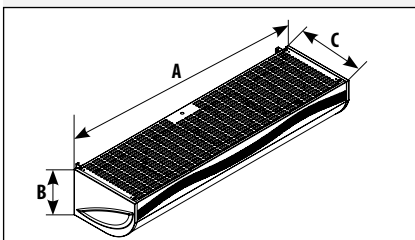


*AirFor3*<sup>WALL</sup>

# WALL-MOUNTED CENTRIFUGAL AIR CURTAINS WITH UPPER AIR INTAKE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- WITH SPEED CONTROLLER SUPPLIED
- UPPER AIR INTAKE
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3 mt



### DIMENSIONS (mm)

MODEL	A	B	C
1000	1012	279	455
1500	1512	279	455
2000	2012	279	455



ON ROOM  
TEMPERATURE



MADE IN ITALY

# AirFor3<sup>WALL</sup>

THE AIR CURTAIN OF THE RANGE "AIRFOR 3 WALL" POSITIONED INSIDE, **ABOVE THE ENTRANCE DOOR**, CREATES AN AIRFLOW WHICH, WHEN RAPIDLY PUSHED DOWNWARDS, DISTINCTLY SEPARATES THE INTERNAL AND EXTERNAL VOLUMES OF AIR, ALLOWING CLIMATE REGULATION IN ROOMS WITHOUT ANY HEAT LOSSES, BOTH IN WINTER AND IN SUMMER.

OTHER IMPORTANT BENEFITS ARE:

- SIGNIFICANT REDUCTION IN ENERGY CONSUMPTION
- PREVENTION OF EXHAUST FUMES AND DUST ENTERING WHEN THE DOORS INSIDE THE PREMISES ARE OPENED

IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES FOR HEIGHTS UP TO 3 mt.

IN MODELS WITH UPPER AIR INTAKE, THE DISTANCE BETWEEN UNIT AND THE CEILING MUST BE AT LEAST 150 mm.



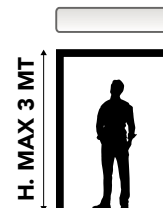
## ACCESSORIES



SPEED CONTROLLER SUPPLIED



CENTRIFUGAL MOTOR



MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	MAX AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1000	12450050	230 Vac 50 Hz	192	12	1596	58	23,8	L = 1000 H = 3000	SUPERMARKET, RESTAURANTS, SHOPS
1500	12450060	230 Vac 50 Hz	256	12,5	2125	60	32,8	L = 1500 H = 3000	SUPERMARKET, RESTAURANTS, SHOPS
2000	12450070	230 Vac 50 Hz	384	13	3195	62	48,2	L = 2000 H = 3000	SUPERMARKET, RESTAURANTS, SHOPS

CODE	DESCRIPTION
12450050	WALL-MOUNTED CENTRIFUGAL AIR CURTAINS "AIRFOR3 WALL" 1000 WITH UPPER AIR INTAKE
12450060	WALL-MOUNTED CENTRIFUGAL AIR CURTAINS "AIRFOR3 WALL" 1500 WITH UPPER AIR INTAKE
12450070	WALL-MOUNTED CENTRIFUGAL AIR CURTAINS "AIRFOR3 WALL" 2000 WITH UPPER AIR INTAKE



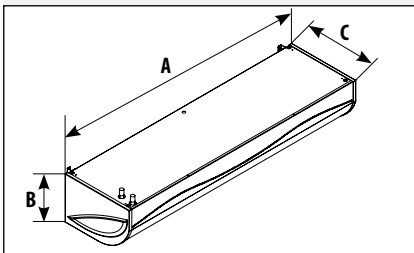
*AirFor3*<sup>H20</sup>



# CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL AND FRONT AIR INTAKE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- WITH SPEED CONTROLLER SUPPLIED
- WATER EXCHANGER CONNECTORS 1/2"
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- UNIT MUST BE INSTALLED HORIZONTALLY
- MAX INSTALLATION HEIGHT 3 mt



### DIMENSIONS (mm)

MODEL	A	B	C
1000	1012	279	455
1500	1512	279	455
2000	2012	279	455



WITH HOT  
WATER COIL



MADE IN ITALY

# AirFor3<sup>H2O</sup>

THE AIR CURTAINS OF THE SERIES "AIRFOR 3 H2O" STAND OUT FOR THE HIGH THERMAL EFFICIENCY. THE AIR CURTAINS **CREATE AN AIRFLOW WHICH, WHEN RAPIDLY PUSHED DOWNWARDS, DISTINCTLY SEPARATES THE INTERNAL AND EXTERNAL VOLUMES OF AIR**, ALLOWING CLIMATE REGULATION IN ROOMS **WITHOUT ANY HEAT LOSS**, BOTH IN WINTER AND IN SUMMER.

OTHER IMPORTANT BENEFITS ARE:

- **SIGNIFICANT REDUCTION IN ENERGY CONSUMPTION**
- **PREVENTION OF EXHAUST FUMES AND DUST ENTERING WHEN THE DOORS ARE OPENED.**

**IDEAL FOR HOTELS, RESTAURANTS, BARS AND OFFICES, UP TO 3 mt. THE MODELS WITH FRONT AIR INTAKE CAN BE INSTALLED UNDERNEATH THE CEILING.**



## ACCESSORIES



SPEED CONTROLLER SUPPLIED



CENTRIFUGAL MOTOR



MOD.	CODE	SUPPLY VOLTAGE	ABSORBED POWER W	MAX AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	ENTRANCES WITH DIMENSIONS mm	IN/OUT FITTING MEASURE	MEDIUM HEATING TEMPERATURE		POWER THERMIC KW	AV LIQ. FLOW m³/h	SUITABLE FOR
										IN	OUT			
1000	12450090	230V 50 Hz	192	13	1590	62	31,90	L=1000 H=3000	1/2"	70°C	60°C	11,4	1	SUPER-MARKET, RESTAURANTS, SHOPS
1500	12450100	230V 50 Hz	256	13	2120	64	45,10	L=1500 H=3000	1/2"	70°C	60°C	16,1	1,42	SUPER-MARKET, RESTAURANTS, SHOPS
2000	12450110	230V 50 Hz	384	13	3190	66	64	L=2000 H=3000	1/2"	70°C	60°C	24,1	2,12	SUPER-MARKET, RESTAURANTS, SHOPS

CODE	DESCRIPTION
12450090	CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL AND FRONT AIR INTAKE "AIRFOR3 H2O" 1000
12450100	CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL AND FRONT AIR INTAKE "AIRFOR3 H2O" 1500
12450110	CENTRIFUGAL AIR CURTAINS WITH HOT WATER COIL AND FRONT AIR INTAKE "AIRFOR3 H2O" 2000



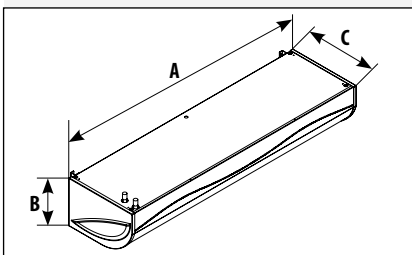


*AirFor*3<sup>CR</sup>

# CENTRIFUGAL AIR CURTAINS WITH ELECTRIC RESISTANCE AD FRONT AIR INTAKE

## TECHNICAL FEATURES

- 3 MODELS, WHITE COLOUR
- AIR CURTAINS ARE DESIGNED FOR INDOOR USE
- AUTOMATIC START KIT AVAILABLE ON REQUEST (PAG. 49)
- UNIT MUST BE INSTALLED HORIZONTALLY
- 3 SPEED SELECTION BY REMOTE CONTROL OR MANUALLY
- MAX INSTALLATION HEIGHT 3,5 mt



### DIMENSIONS (mm)

MODEL	A	B	C
1000	1012	279	455
1500	1512	279	455
2000	2012	279	455



MADE IN ITALY

## ACCESSORIES



REMOTE CONTROL INCLUDED



CENTRIFUGAL MOTOR



PANEL WITH 3 COLOURED LEDS



MOD.	CODE	SUPPLY VOLTAGE	ABSO BED POWER W	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	WEIGHT kg	ENTRANCES WITH DIMENSIONS mm	POWER ABSORBED ½ LOAD W	POWER ABSORBED WITH RESIST. W	Δ°C AIR WITH ELEMENT	SUITABLE FOR
<b>CENTRIFUGAL AIR CURTAINS WITH 3 RESISTANCES HEATING ELEMENTS</b>												
1000	12450090R2	400 Vac 50 Hz	180	I: 10 II: 11,5 III: 12,5	I: 1288 II: 1430 III: 1590	I: 56 II: 59 III: 62	33	L=1000 H=3500	3800	5700	19	SUPERMARKET, RESTAURANTS, SHOPS
<b>CENTRIFUGAL AIR CURTAINS WITH 6 RESISTANCES HEATING ELEMENTS</b>												
1500	12450100R2	400 Vac 50 Hz	240	I: 10 II: 11,5 III: 12,5	I: 1717 II: 1908 III: 2120	I: 58 II: 61 III: 64	48	L=1500 H=3500	6400	9600	17	SUPERMARKET, RESTAURANTS, SHOPS
2000	12450110R2	400 Vac 50 Hz	360	I: 10 II: 11,5 III: 12,5	I: 2584 II: 2870 III: 3190	I: 60 II: 63 III: 66	67	L=2000 H=3500	7600	11400	17	SUPERMARKET, RESTAURANTS, SHOPS
CODE	DESCRIPTION											
12450090R2	CENTRIFUGAL AIR CURTAINS WITH 3 RESISTANCES AND FRONT AIR INTAKE "AIRFOR3 CR" 1000											
12450100R2	CENTRIFUGAL AIR CURTAINS WITH 3 RESISTANCES AND FRONT AIR INTAKE "AIRFOR3 CR" 1500											
12450110R2	CENTRIFUGAL AIR CURTAINS WITH 3 RESISTANCES AND FRONT AIR INTAKE "AIRFOR3 CR" 2000											

# AirFor3<sup>CR</sup>

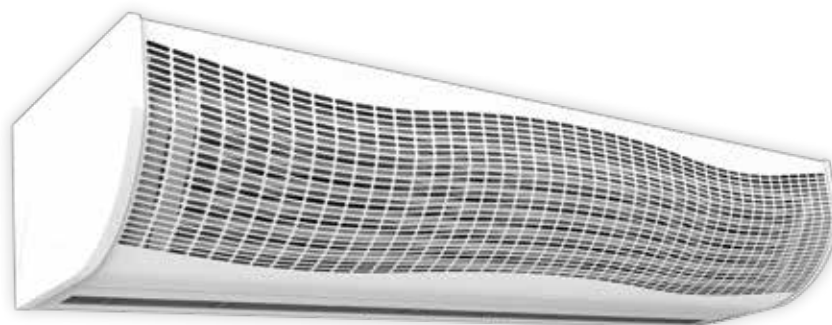
THE AIR CURTAINS "AIRFOR 3 CR" CREATE AN AIRFLOW WHICH, WHEN RAPIDLY PUSHED DOWNWARDS, DISTINCTLY SEPARATES THE **INTERNAL AND EXTERNAL VOLUMES OF AIR, ALLOWING CLIMATE REGULATION IN ROOMS WITHOUT ANY HEAT LOSSES**, BOTH IN WINTER AND IN SUMMER.

OTHER IMPORTANT BENEFITS ARE:

- **SIGNIFICANT REDUCTION IN ENERGY CONSUMPTION**
- **PREVENTION OF EXHAUST FUMES AND DUST ENTERING WHEN THE DOORS INSIDE THE PREMISES ARE OPENED**

IDEAL FOR **HOTELS, RESTAURANTS, BARS AND OFFICES**, UP TO 3,5 mt.

THE MODELS WITH FRONT AIR INTAKE CAN BE INSTALLED UNDERNEATH THE CEILING.







**ARIA1** POTENZA

# HIGH PERFORMING INDUSTRIAL CENTRIFUGAL AIR CURTAINS

## ARIA1 POTENZA

SPEED 28 m/s

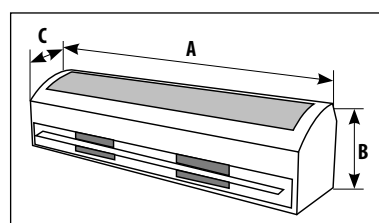
THE HIGH PERFORMING AIR CURTAINS "ARIA 1 POTENZA" ARE EQUIPPED WITH 3-PHASE MOTORS TO ASSURE THE MAXIMUM AIR DELIVERY.

THEY CAN BE INSTALLED UP TO 5 mt HIGH. POSITIONED ABOVE WIDE DOORS, SUCH AS FRONT GATES OF WAREHOUSES ETC, THEY CREATE AN AIRFLOW THAT SEPARATES THE INTERNAL AIR FROM THE EXTERNAL ONE AND WITHOUT ANY DISCOMFORT TO THE PEOPLE OR VEHICLES.

THE MODELS WITH FRONT INTAKE CAN BE POSITIONED ON THE CEILING. THEY HAVE TO BE INSTALLED HORIZONTALLY.



### DIMENSIONS



DIMENSIONS (mm)			
MODEL	A	B	C
1000	1000	287	297
1500	1500	287	297

### ACCESSORIES



CENTRIFUGAL MOTOR

MODEL	CODE	WEIGHT kg	AIR SPEED AT THE INTAKE m/s	AIR FLOW m³/h	SOUND LEVEL dB (A)	SUPPLY VOLTAGE	POWER ABSORBED W	ENTRANCES WITH DIMENSIONS mm	SUITABLE FOR
1000	12300042	32,7	28	3709	64	380 V 50 Hz	1100	H MAX 5000 H MIN 3000	INDUSTRIES STORES
1500	AAC400001	52	28	5563	68	380 V 50 Hz	1850	H MAX 5000 H MIN 3000	INDUSTRIES STORES

NEW

CODE	DESCRIPTION
12300042	HIGH PERFORMING AIR CURTAINS WITH FORNT AIR INTAKE "ARIA1 POTENZA" 1000
AAC400001	HIGH PERFORMING AIR CURTAINS WITH FORNT AIR INTAKE "ARIA1 POTENZA" 1500

NEW



# SPARE PARTS FOR AIR CURTAINS

## AUTOMATIC START KIT FOR AIR CURTAINS

TOUCH SENSORS, **ENABLE THE AIR CURTAINS TO BE SWITCHED ON AND OFF AUTOMATICALLY WHEN THE DOOR IS OPENED OR CLOSED**, WITHOUT THE USE OF A REMOTE CONTROL DEVICE.

**N.B.:** DONT' USE THE KIT WITH AIR CURTAINS WITH ELECTRIC RESISTANCE, BECAUSE THAT **INDUCE AUTOMATIC DISABILITY OF THE OPERATION OF THE SAME.**

**THE KIT CAN BE USED WITH THE FOLLOWING MODELS OF AIR CURTAINS:**

- ARIA 3 SILENCE (WITH RESISTANCE) \*
- ARIA 3 SILENCE FRONT
- ARIA 2 ELEGANCE T
- ARIA 2 ELEGANCE TR \*
- ARIA 2 ELEGANCE CR \* - AIR FOR 3 CR \*

\* FOR BUILT-IN AIR CURTAINS "ARIA 2 ELEGANCE TR" - "ARIA 2 ELEGANCE CR" - "ARIA 3 SILENCE (WITH RESISTANCE)" - "AIR FOR 3 CR" PAY ATTENTION TO AUTOMATIC START KIT INSTALLATION MODE ILLUSTRATED INTO THE USE MANUAL.



MADE IN ITALY

CODE	DESCRIPTION
12300058	AUTOMATIC START KIT FOR AIR CURTAINS

## REMOTE CONTROL FOR AIR CURTAINS

MADE IN ITALY



AVAILABLE FOR AIR CURTAINS UNTIL MARCH 2017

CODICE	DESCRIPTION
C30000039	REMOTE CONTROL FOR AIR CURTAINS WITH RESISTANCE



## REMOTE CONTROL FOR AIR CURTAINS

MADE IN ITALY



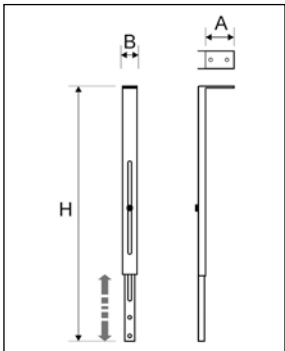
AVAILABLE FOR AIR CURTAINS FROM APRIL 2017

CODE	DESCRIPTION
C60000625	REMOTE CONTROL FOR AIR CURTAINS WITH RESISTANCE PARTIAL ELECTRIC LOAD
C60000626	REMOTE CONTROL DEVICE FOR AIR CURTAINS WITHOUT RESISTANCE
C60000631	REMOTE CONTROL DEVICE FOR AIR CURTAINS WITH RESISTANCE

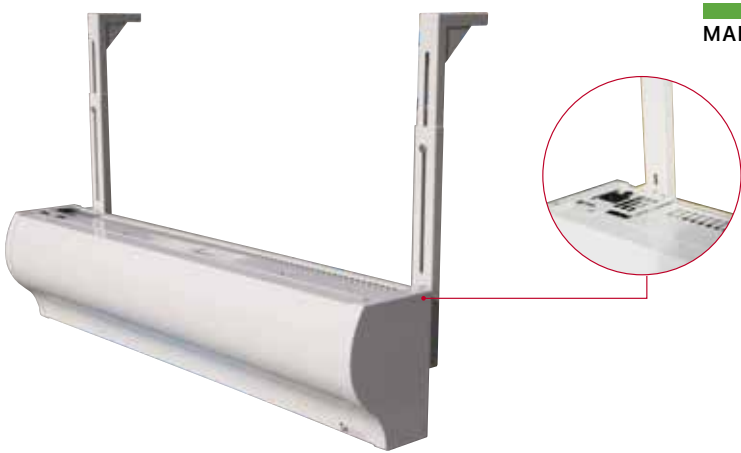


# BRACKETS FOR AIR CURTAINS

THE BRACKETS ARE IDEAL FOR THE CEILING INSTALLATION OF THE AIR CURTAINS TECNOSYSTEMI. THANKS TO THE SLOT ACROSS THE BRACKETS, YOU CAN PERFECTLY ADJUST THE HEIGHT OF THE INSTALLATION OF THE AIR CURTAINS. THE BRACKETS ARE MADE OF 20/10-THICK PICKLED SHEET-METAL, OUTDOOR POLYESTER POWDER COATED, WHITE COLOUR.



DIMENSION (mm)			
A	B	H MIN	H MAX
250	40	430	770



MADE IN ITALY

CODE	DESCRIPTION
12300057	BRACKETS FOR AIR CURTAINS

# SINGLE-PHASE 220V SPEED CONTROL

THE ELECTRONIC SPEED CONTROLS ALLOWS TO VARY THE AIR FLOW OF THE HEAT RECOVERY UNITS AND OF THE AIR CURTAINS FROM 30% TO 100% OR ITS PERFORMANCES.



FOR CODES SEE AT APPLY.CO CATALOG AT PAGE 93