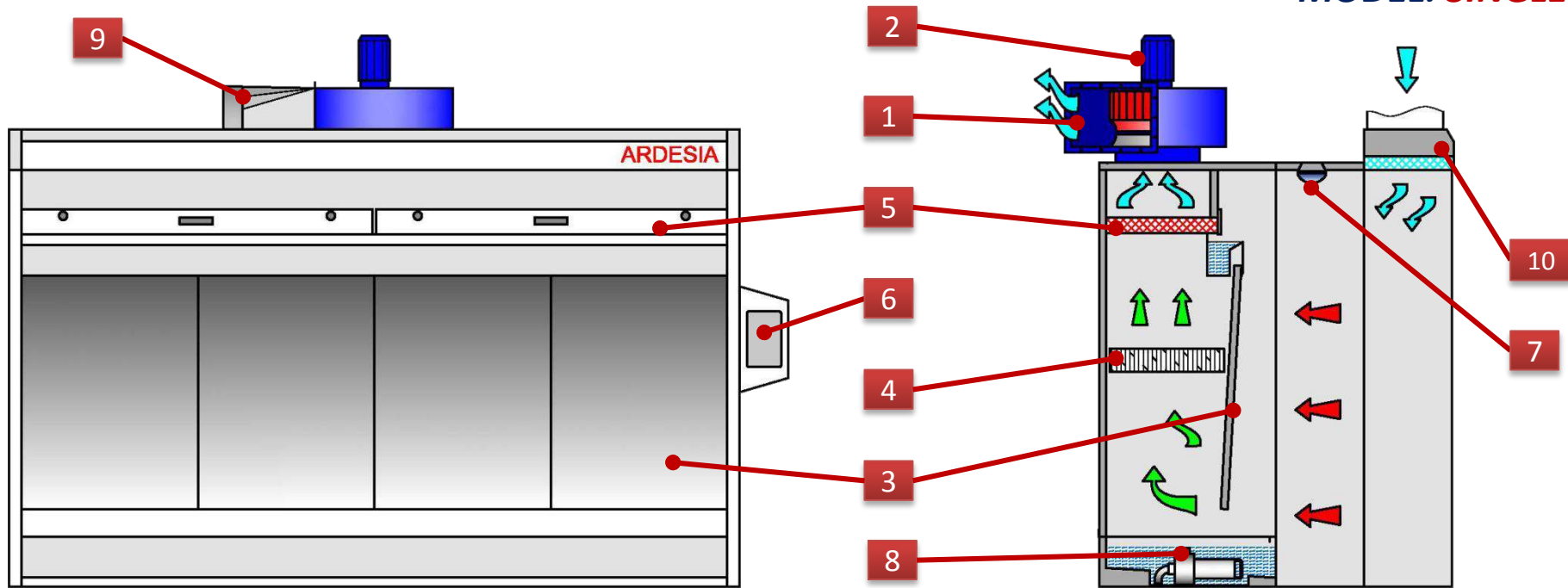




**ACTIVE SOLUTIONS BETWEEN  
INDUSTRY AND AMBIENT**

**ARDESIA SRL** via Prato delle valli 58, 47892 – Aquaviva, Repubblica di San Marino  
Tel: +378.0549 999403 Fax: +39.0541 1811003 info@ardesiarsrl.net [www.ardesiarsrl.net](http://www.ardesiarsrl.net)  
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## MODEL: SINGLE



### DESCRIPTION:

This type of painting booth is suitable for suctioning and demolishing the pigments and fumes emitted from paint-spray made with synthetic solvents, organic and water. The removal of the pigments and fumes occurs with a frontal veil of water, the separation of water droplets through plastic trays and air filtration with "Paint-Stop" filter drawers. This booth is built with modular panels of galvanized press-folded sheet-iron.

### EQUIPMENT:

1. Antispark centrifugal electrical fan
2. Energy-saving electric motor IE2
3. Frontal modular veil
4. Drop separator "Filler"
5. Metallic drawers with "Paint-stop" filter
6. Wired electrical panel IP55 with timer
7. Wired ceiling light IP65
8. Stainless steel electrical immersion pump
9. Change section
10. Integrating air inlet filter (optional)

## METALLIC DRAWERS WITH "PAINT-STOP" FILTER

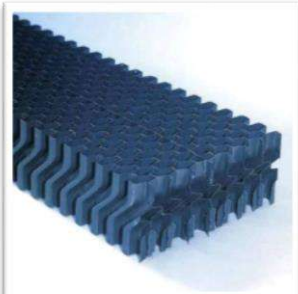


The filter "Paint Stop" is built with long fibers of glass, finished with synthetic resins and distributed with gradual density in the direction of the air flow. It has good resistance to high temperature and strong capacity of accumulation of dust, it is especially suitable for the collection of surplus paint (over-spray). It is used in metal frames.

### TECHNICAL CHARACTERISTICS :

Product density, gr/m2 .....	250
Thickness, mm .....	50
Initial pressure drop, Pa .....	30
Maximal operating temperature, °C .....	120
Arresting gravametric average, % .....	87
Classification (EN 779) .....	G3
Flame(DIN 53438).....	F1

## DROP SEPARATOR

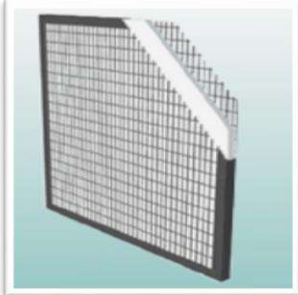


The drop separator H130 has been projected for vertical air flows and for applications with crossed flows, it is made with two directions changing , thanking to assembled pre- printed PVC sheets. The high quality and the color of the PVC, give optimal resistance to inorganic chemical agents.

### CARATTERISTICHE TECNICHE:

Thickness, mm .....	130
Umdulation, mm.....	25
Maximal efficiency, % (spped 3 m/s) .....	99
Maximal air speed, m/s .....	4,5
Optimal air speed , m/s.....	3
Maximal operating temperature, °C .....	60

## INTEGRATING AIR INLET FILTER (Optional)

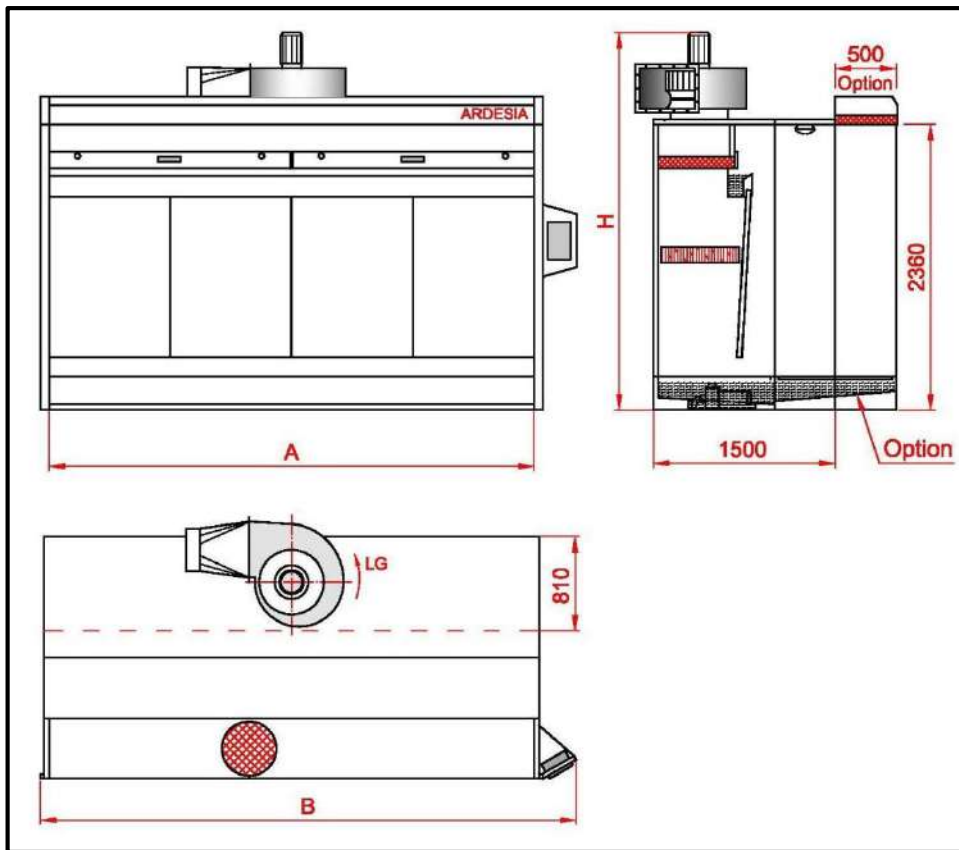


The synthetic filter is used for filtration of dust, it consists on polyester fiber thermal-cross-linked, it has a high capacity to stop powders with low pressure drop. It is not toxic, unassailable by microorganisms and chemical products.

### TECHNICAL CHARACTERISTICS:

Product density, gr/m2 .....	100
Thickness, mm .....	6 – 9
Initial pressure drop, Pa .....	15
Maximal operating temperature, °C .....	100
Arresting gravametric average, % .....	80
Classification (EN 779) .....	G2
Flame(DIN 53438).....	F1

# MODEL: SINGLE



Model	A Usable width, mm	B Overall width, mm	H Overall height, mm	Illuminati on, N x Wt	Exhaust fan, power, kW	Pump, power, kW	Nominal air flow m <sup>3</sup> / h
SINGLE - 2	2000	2450	3180	2 x 58	1,5	0,75	8000
SINGLE - 3	3000	3450	3250	2 x 58	2,2	0,75	11000
SINGLE - 4	4000	4450	3300	2 x 58	4,0	0,75	15000
SINGLE - 5	5000	5450	3250	4 x 58	2,2+2,2	1,1	22000
SINGLE - 6	6000	6450	3250	4 x 58	3,0+3,0	1,5	25000