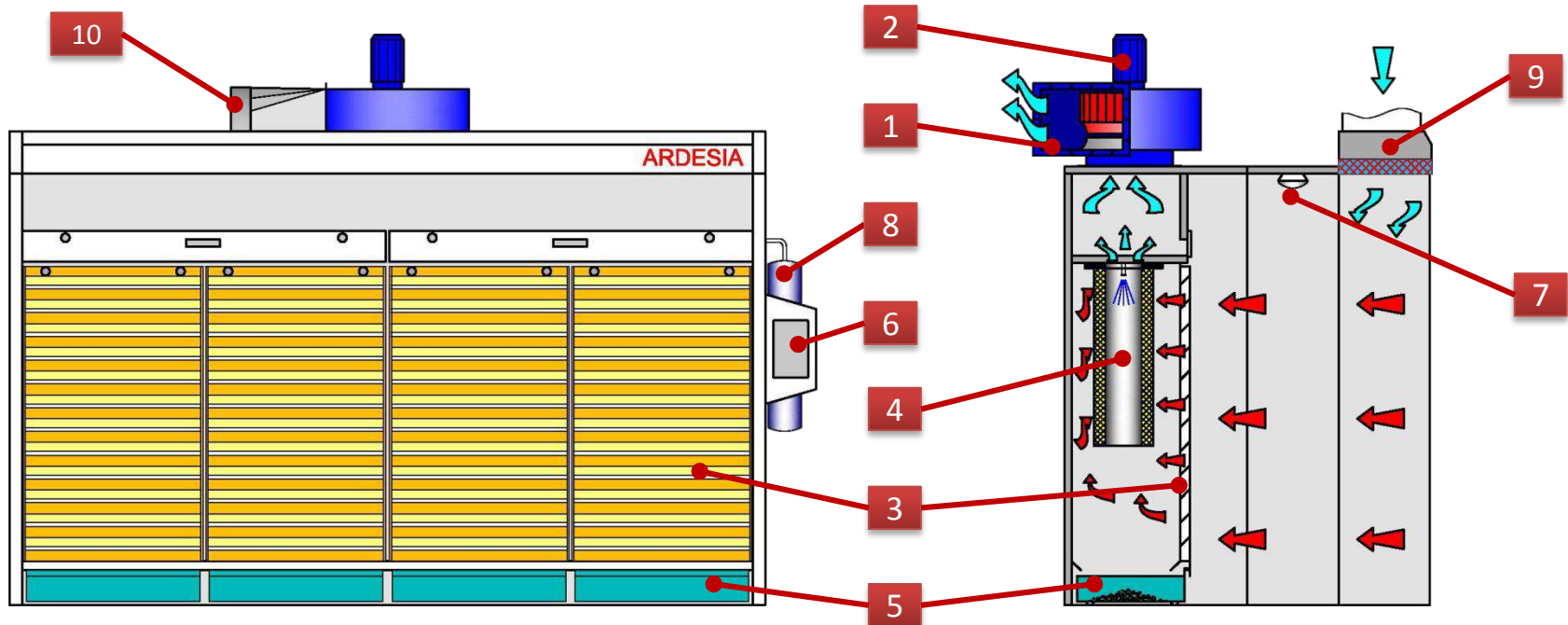




ACTIVE SOLUTIONS BETWEEN INDUSTRY AND AMBIENT

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**DESCRIPTION:**

This type of booth is indicated for the suctioning and removal of dust from sanding. It is built with galvanized press-folded sheet iron. The main feature of this booth is the filtration of dust through aluminized polyester antistatic cartridges. The booth is equipped with a cleaning system of the cartridges with jets of compressed air. The dust jets are deposited in removable trays.

EQUIPMENT:

1. Drive train exhaust fan
2. Energy-saving electric motor IE2
3. Frontal cardboard inertial filters
4. Aluminized polyester filter
5. Dust collecting drawers
6. Electrical panel IP55
7. Wired ceiling light IP 65
8. Cleaning system of filter with compressed air
9. Integrating air inlet filter (optional)
10. Change section

FILTER CARTRIDGES

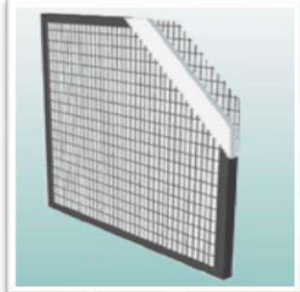


The filter cartridges are constructed of pleated polyester fabric, with the application of powdered aluminum that ensures the removal of electric charges that are created from the dust filter. The issue of dust is less than 0.1% grain size between 0.2 and 2 microns. The filter cartridge has excellent resistance to organic solvents, and has a maximal temperature of use in continuous operation of 150 ° C. Its particularly smooth surface allows for a detachment of the powder optimal.

TECHNICAL CHARACTERISTICS :

| | |
|--|------|
| Weight, gr/m2 | 200 |
| Thickness, mm | 0,47 |
| Maximum transverse tensile elongation, % | 37 |
| Maximum longitudinal tensile elongation,% | 29,6 |
| Permeability, m3/m2/h | 920 |
| Pore volume, % | .68 |
| Classification BIA | USGC |

INTEGRATING AIR INLET FILTER (Optional)

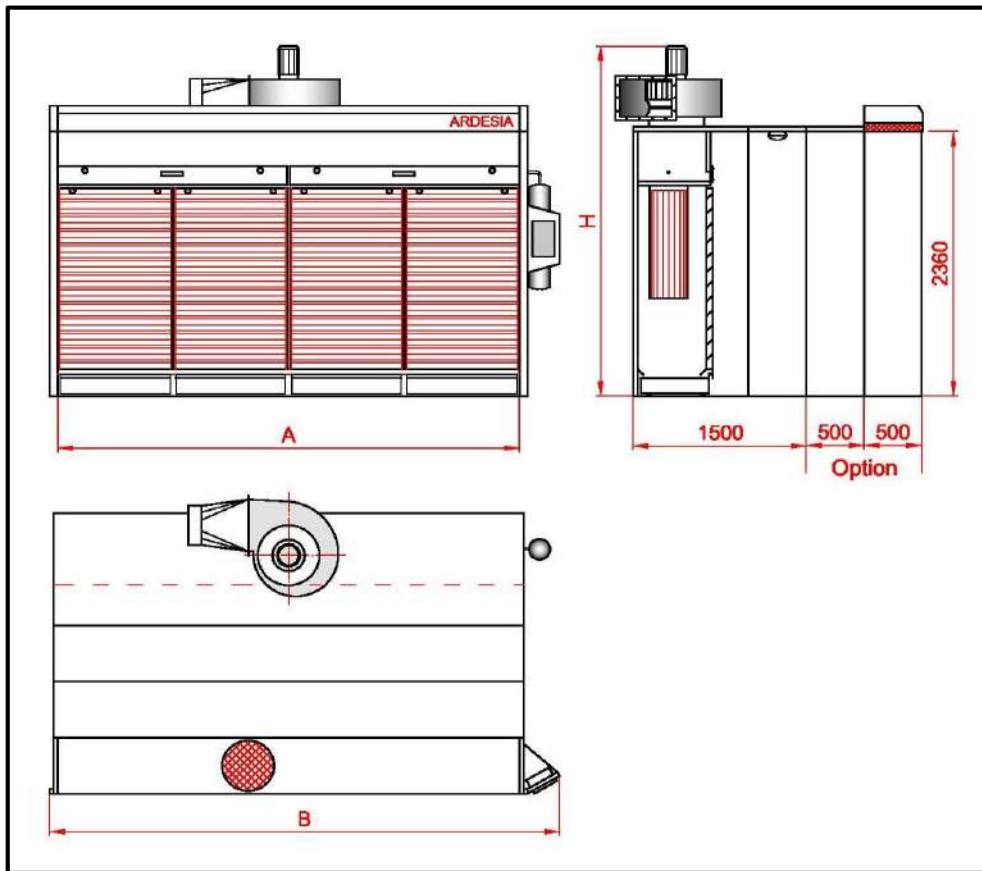


The synthetic filter is used for filtration of dust, it consists on polyester fiber thermal-cross-linked, has a high entertainment powders with low pressure drop. It is not toxic, unassailable by microorganisms and chemicals.

TECHNICAL CHARACTERISTICS :

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

MODEL: ASPIRE



| Model | A Usable width, mm | B Overall width, mm | H Overall height, mm | Quantity (cartridge) | Illumination, N x Wt | Exhaust fan, power, kW | Nominal air flow m ³ / h |
|----------|--------------------|---------------------|----------------------|----------------------|----------------------|------------------------|-------------------------------------|
| ASPIRE-2 | 2000 | 2450 | 3180 | 4 | 2 x 58 | 2,2 | 11000 |
| ASPIRE-3 | 3000 | 3450 | 3250 | 5 | 2 x 58 | 4,0 | 15000 |
| ASPIRE-4 | 4000 | 4450 | 3300 | 6 | 2 x 58 | 5,5 | 18000 |
| ASPIRE-5 | 5000 | 5450 | 3180 | 8 | 4 x 58 | 2,2+2,2 | 22000 |
| ASPIRE-6 | 6000 | 6450 | 3250 | 10 | 4 x 58 | 3,0+3,0 | 25000 |