

# DECONTAMINATION



## PAS AIR SHOWER FOR PERSONNEL

The air shower is employed to decontaminate the clothing of the operator entering a controlled contamination room (cleanroom) or exiting from an area infected or contaminated with powders which must not propagate outside.



The air shower is designed on the basis of the personnel flow study.

The machine is entirely manufactured in stainless steel AISI 304 or 316, Scotch Brite or polish finished, or in carbon steel, internally and externally painted colour RAL 9010.

A specific software ensures the ideal process conditions. Doors can be directed on request and, according to the access point, positioned on the front, at the corner or on three sides (3 doors version).



### OPTIONS AND CUSTOM BUILDING

- Stainless steel AISI 316L manufacturing.
- ATEX execution.
- Special filters: ULPA, activated carbon filters.
- Touch screen control panel.
- Badge reader, alphanumeric keyboard.
- Automatic doors.
- Sliding doors.
- Ionisation system
- CFR 21 Annex 1 compliance
- Tunnel model for the passage of 2-4 people at the same time
- Special dimensions on request.
- All models are available in Safety version, with BAG-IN/ BAG-OUT system for filters replacement in safety canister (e.g. high potency dept., hormones production, etc.).

### PAS ST - TECHNICAL FEATURES

Features	Data
Material	Stainless steel AISI 304
External dimensions WxDxH (mm)	1300x1300x2750
Internal dimensions WxDxH (mm)	900x1200x2000
Doorway passage WxH (mm)	750x2000
Control system	PLC Siemens
Air jets speed	25 m/s
Nozzle position	12 in the corners, 4 on the upper wall
Inlet filtration	HEPA filter, classification CEN EN 1822-H14 efficiency 99,995%
Exhaust filtration	Prefilters G4
Internal lighting	LED
Power	400V 50Hz 3kW