



Clean working clothing, using air

ML.1 + MFF-3000 Air shower booth with filter system

Dust pollutes humans and workplaces.

In power stations, cement and gypsum factories, mills and mixing companies, in the chemical industry as well as in smelting works, dust can have a very negative effect on the health of the staff.

Through the use of air shower booths, companies prevent dust and hazardous substances being transmitted into restrooms, changing rooms etc.

The air shower booth provides staff a simple option to purge themselves during working time, before the early morning and midday breaks and at the end of the shift.



The group of nozzles is controlled using buttons (left picture) or „ball valves“ (right picture). The control elements and group of nozzles are identified by colours. The control elements have the same colour as the respective group of nozzles. Thereby, there is clear allocation, because either the complete working clothing can be purged, or only a part of it.

ML.1 + MFF-3000

Design and application

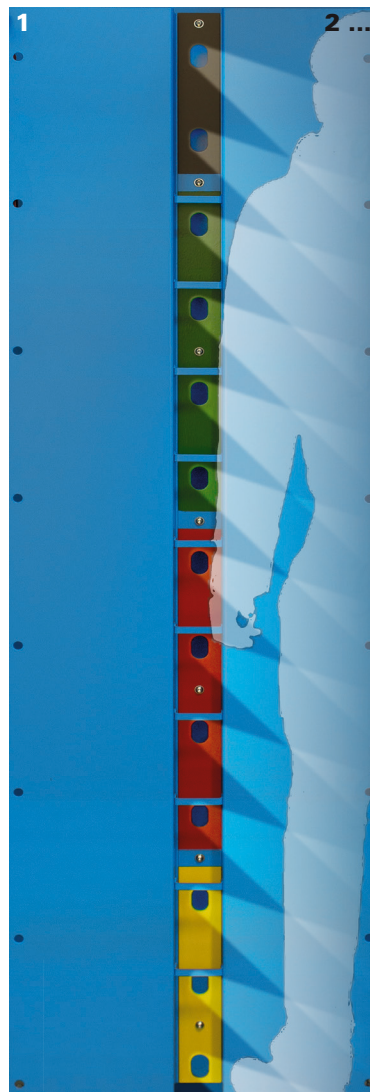
The air shower booth can be installed inside buildings (recommended) and also outside, with a canopy. If installed outside, convection heating is recommended for the colder part of the year.

The air shower booth is a robust steel plate construction bolted together, with one door (ML.1) or two doors (ML.2) as a sluice.

Operation of the system is very easy and results in a safe and effective means of purging working clothing and is well accepted by the staff.

Construction and accessories

- with ball valves or pushbuttons
- in exhaust air or recirculating air version
- for stationary or mobile use
- made of powder-coated steel or stainless steel



Cleaning procedure

- 1** The employee enters the air shower booth wearing safety goggles, ear protection and, as necessary, a respirator
- 2** The employee starts the cleaning procedure by activating the ball valves or buttons (depending on the version). The complete working clothing can be purged, or only a part of it. A total of 4 groups of nozzles can be activated. The clothing is always purged from the top to the bottom. In order to attain optimum purging, the employee turns around during the procedure.
- 3** Thereby, the dust removed is continuously extracted from the bottom. The volume of air extracted (2500 m³/h) is generated by the filter system supplied, or by using an external extraction system.

Purging is carried out from the top to the bottom. Partial purging can also be carried out according to the groups of nozzles (identified by colours).



Air shower booths / filter system

ML.1	Air shower booth with 1 door
ML.2	LAir shower booth with 2 doors (sluice)
MFF-3000	Filter system



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