



clean-tek®

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MD active material hatch

Material hatches are used for introducing and removing materials by way of a passage lock system, up to sizes of about 60x60x40cm and a weight of up to 20kg. The **clean-tek** material hatch is designed for wall installation at balustrade height or installation at ground level. An active air system provides for uniform throughflow of filtered air, H13.

The material passage lock system consists of a two-shell design, made of brushed stainless steel inside and out. The fan delivers air to an HEPA filter. The return air from the lock chamber is extracted from below on both sides and conducted back to the fan by means of a duct system. The filter is removed from below. Test nozzles for DOP Tests are incorporated.

Technical data, circulating air operation

- fan
- Air exchange minimum 80 times
- Filter change downwards
- Filter class H13
- doors mutually interlocked
- Interlocking device **clean-tek** ILS-2
- Locking time adjustable 0 – 600 secs.
- Test nozzles for DOP test

Special design

- **Vent air operation:** The air is removed either from the room area or from the duct system and conducted to the waste air network.



Material hatch **MD active**

Standart sizes (L x H x T)

External dimensions	80 x 120 x 60	100 x 140 x 70	80 x 150 x 80
Chamber size	61 x 61 x 50	81 x 81 x 60	61 x 91 x 70
Air volume	15 m³/h	30 m³/h	30 m³/h
Power rating	0,1 kW	0,2 kW	0,2 kW

Special sizes upon request



Interior view with filter

We reserve the right to make technical modifications without prior notice | 06/2013