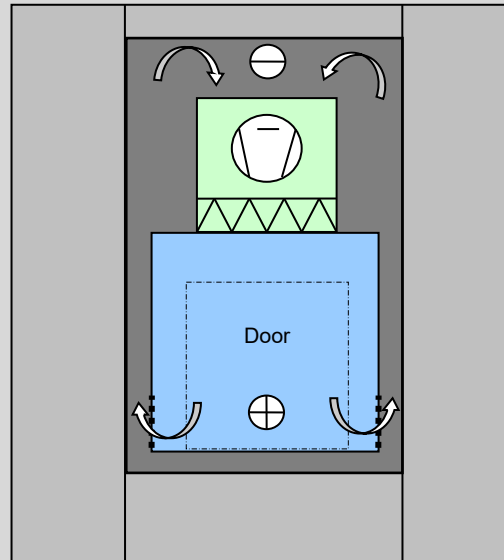


Corner version



Lock with pure convection - schematic

Description

The material hatch is primarily used to rapidly hand over material from one area to another without the need that a person has to leave the room.

Since the footprint of the hatch is very small and the ceiling is almost completely covered with an air recirculation unit, the air renewal is hundreds of times per hour. So the residence time in accordance with GMP-guidelines is only a few seconds.

The hatch has two doors (opposite or diagonally), which are mutually interlocked (electrical interlocking). The standard is a "preferred open" lock in which the respective opposite side is only locked when one of the doors is opened. Optionally, the hatch can be realized as "preferred closed" version or provided with an adjustable locking time.

Basic hardware

Housing / interior	Stainless steel
Doors	Glass door leaf with 6 mm toughened safety glass (ESG)
Locking	Electrically locked by 24V DC, fully wired for 230V AC in the wall / ceiling Traffic light red - green free contact for door opening via building control



Options

Ventilation	Connection to external vent for pressure maintenance	<input type="checkbox"/>
	Recirculation via fan and H14 filter	<input type="checkbox"/>
	Exhaust filter cell G4 in perforated bottom	<input type="checkbox"/>
	Pressure sensor for filter monitoring	<input type="checkbox"/>
	Pressure switch for filter monitoring	<input type="checkbox"/>
	Analog pressure display on the housing	<input type="checkbox"/>
	Aerosol feeding connection	<input type="checkbox"/>
Locking	Preferably closed (with release button)	<input type="checkbox"/>
	Emergency button	<input type="checkbox"/>
	Locking time	<input type="checkbox"/>
Doors	Stainless steel door 24mm with glass pane	<input type="checkbox"/>
	Diagonal arrangement of the doors	<input type="checkbox"/>
	Laminated safety glass (VSG)	<input type="checkbox"/>
	Yellow glazing (photolithography)	<input type="checkbox"/>
	Red glazing (animal housing)	<input type="checkbox"/>
	Radiation protection glazing	<input type="checkbox"/>

Technical data

Depth x width (inside)	500 ... 1100 mm, (600 mm Standard)
Height (inside)	500 ... 1600 mm, (600 mm Standard)
Voltage input	230 VAC
Frequency input	50 Hz
Input	0,35 A / 80 W

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