



A Cabin for “Dusting Off” After Dirty Jobs

The Task

Dusty conditions in industrial settings (power plants, cement/plaster factories, crushing plants and mixers, chemical plants, etc.) can have very negative effects on the health of employees.

Through the use of DustOff Gust clean-air cabins, companies prevent dust and dangerous substances from being transported to non-production areas (bathroom, break room, etc.).

These cabins provide employees with a simple option to “dust-off” during working hours, breaks, and after finishing the work shift.

Design & Installation

The cabin is made of a stable and bolted sheet steel construction, with one or two doors. It allows for safe and effective cleaning by compressed air and has positive reviews from employees.

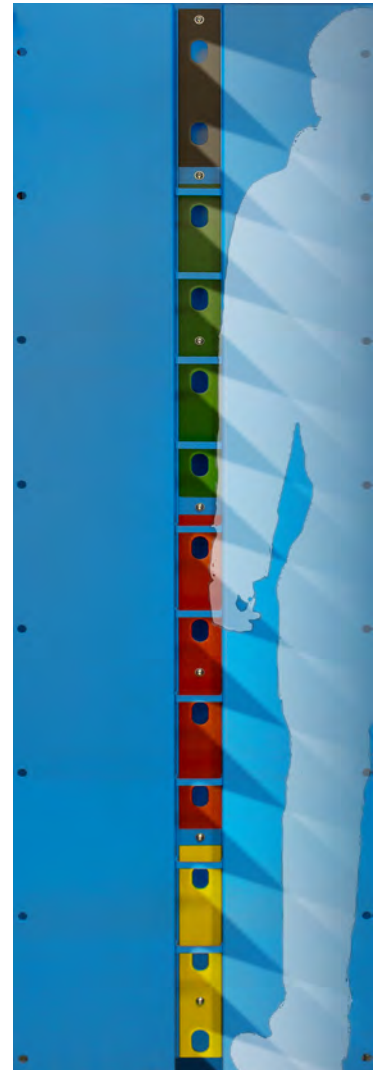
Installation is very simple. The cabin can be installed inside (recommended), but also outdoors under sheltered areas. If outdoor installation is preferred, it is recommended to add circulating air heating for the cold season.

Version Options and Accessories

- Control: buttons or handles
- Exhaust air or air recirculation
- Heating element for outdoor installation
- Stainless steel
- Portable version

Utility Requirements	
Airflow	up to 2000 cfm (3500 m ³ /h)*
Dirty Air connection diameter	8 or 10" (200 or 250 mm)*
Power	24 V (for lighting and sensor)
Compressed Air Connection	1", 90 PSI (6 bar), 105 cfm (3000 lpm)

* Dependent on cabin size



Cabin Control

Control of the air nozzles is carried out by means of push buttons (left image) or by means of handles (right image). The control elements are marked with colors that correspond to

the appropriate group of nozzles. This allows for a clear understanding of the nozzles in use, since there is the option of cleaning from head-to-toe, or only in sections.

Process (1, 2, 3)

1) The employee enters the cabin with protective goggles, hearing protection and respiratory protection (if necessary.)

clothes are always blown from top to bottom. During the cleaning process, the employee must turn in a circle to achieve optimal dust-off.

2) The employee initiates the cleaning process by activating the control elements. In total, 4 color-coded groups of nozzles can be controlled. Work

3) The dust blown off is constantly drawn down to the bottom of the cabin by the attached filtration system.

Below: DustOff Gust equipped with a VARIO eco dust collector, which simultaneously exhausts from a workbench.



Compressed air blows from top to bottom and can be focused to specified air nozzles for efficient cleaning.