

DG 50 EXP Z22 - ATEX EXPLOSION PROOF



FOOD INDUSTRY





CHEMICAL-PHARMACEUTICAL

✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for

✓ Extractable collection container with optional

✓ Largest surface filter in its category

✓ Integrated filter cleaning system

✓ Complete steel construction

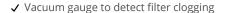
use of disposable bags





continuous duty





- ✓ Easy filter replacement
- ✓ Reduced downtime of machine tools
- ✓ Atex certified for Zone 22
- ✓ Earth grounding













| SUCTION UNIT | | |
|---------------------------|----------------|---------------------------------|
| Atex zones | | ATEX Z22 |
| Marking | | Ex II 3D Ex tc IIIB T135°C X Dc |
| Voltage | V - Hz | 400-50 3~ |
| Power | kW | 4 |
| Electrical protection | IP | 55 |
| Max water lift | mmH□O | 3200 |
| Max air flow | m³/h | 450 |
| Suction inlet | mm | 80 |
| Noise level (EN ISO 3744) | dB(A) | 72 |
| FILTER UNIT | | |
| Filter Type | | Star |
| Surface - Diameter | cm²-mm | 30.000-500 |
| Material - Efficiency | IEC 60335-2-69 | Polyester - ANT M |
| Cleaning system | | Manual |
| COLLECTION UNIT | | |
| Canacity | I+ | 100 |

| COLLECTION UNIT | | |
|-----------------|----|-------------|
| Capacity | lt | 100 |
| VOLUME | | |
| Dimensions | cm | 66x118x145h |
| Weight | kg | 137 |





SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.



FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces. The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ EXTRA LARGE FILTER CLASS L
- STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ FLOATING DEVICE TO STOP SUCTION WHEN THE BIN IS FULL OF LIQUIDS
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST