

## DG VL 75 ACD - INDUSTRIAL THREE PHASE



AVIATION



FOOD INDUSTRY



OEM ORIGINAL EQUIPMENT MANUFACTURERS



CEMENT



CHEMICAL-PHARMACEUTICAL



- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Large surface antistatic filter
- ✓ Additional HEPA filter (99,995% on 0,18 micron) included
- ✓ SELF CLEAN filter-shaking cleaning system



### SUCTION UNIT

|                           |                    |             |
|---------------------------|--------------------|-------------|
| Voltage                   | V - Hz             | 400 - 50 3~ |
| Power                     | kW                 | 7,5 - 13,3  |
| Electrical protection     | IP                 | 55          |
| Max water lift            | mmH <sub>2</sub> O | 4.500       |
| Max air flow              | m <sup>3</sup> /h  | 750         |
| Suction inlet             | mm                 | 120         |
| Noise level (EN ISO 3744) | dB(A)              | 72          |



### FILTER UNIT

|                       |                                   |              |
|-----------------------|-----------------------------------|--------------|
| Filter Type           |                                   | Star         |
| Surface - Diameter    | cm <sup>2</sup> -mm               | 70.000 - 560 |
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| Material - Efficiency | IEC 60335-2-69                    |              |
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| Air load on filter    | m <sup>3</sup> /m <sup>2</sup> /h | 107          |
| Cleaning system       |                                   | SELF CLEAN   |



### COLLECTION UNIT

|                    |      |     |
|--------------------|------|-----|
| Transport capacity | kg/h | 160 |
|--------------------|------|-----|



### VOLUME

|            |    |             |
|------------|----|-------------|
| Dimensions | cm | 170x74x200h |
| Weight     | kg | 360         |



## 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.

A pressure relief valve protects the motor, providing additional air for cooling.



## FILTER UNIT

An antistatic polyester star filter is placed inside the steel filter chamber. This filter protects the suction unit by preventing any spark which might be caused by electrostatic discharge.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.

The filter is equipped with a self-cleaning system, controlled by the operator. A pneumatic cylinder shakes the filter cartridge, through a rapid vertical movement that causes the detachment of dust and materials possibly accumulated on the filter.



## 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 unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime



## OPTIONALS

- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER