



## DBF 30 - INDUSTRIAL THREE PHASE



FOOD INDUSTRY



OEM ORIGINAL EQUIPMENT MANUFACTURERS



PACKAGING



COFFEE, TEA, TOBACCO PROCESSING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Pressure relief valve for motor protection
- ✓ Low noise level
- ✓ Easy filter replacement
- ✓ Reduced downtime of machine tools
- ✓ Possibility of integration on other vacuum cleaners
- ✓ Modularity is guaranteed to fulfil the client's needs
- ✓ Full customization for specific needs
- ✓ Long lasting



### SUCTION UNIT

|                           |                   |          |
|---------------------------|-------------------|----------|
| Voltage                   | V - Hz            | 400 - 50 |
| Power                     | kW                | 2,2      |
| Electrical protection     | IP                | 55/F     |
| Max waterlift             | mmH2O             | 2.500    |
| Max air flow              | m <sup>3</sup> /h | 318      |
| Suction inlet             | mm                | 50       |
| Noise level (EN ISO 3744) | dB(A)             | 71       |



### FILTER UNIT

|                       |                     |               |
|-----------------------|---------------------|---------------|
| Filter Type           |                     | Cartridge     |
| Surface - Diameter    | cm <sup>2</sup> -mm | 12.000 - 360  |
| Material - Efficiency | IEC 60335-2-69      | Polyester - M |
| Cleaning system       |                     | Dustop        |



### COLLECTION UNIT

|          |     |    |
|----------|-----|----|
| Capacity | lt. | 15 |
|----------|-----|----|



### VOLUME

|            |    |           |
|------------|----|-----------|
| Dimensions | cm | 44x84x71h |
| Weight     | kg | 60        |



## 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

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

The polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and prevents the clogging of the filter.



## COLLECTION UNIT

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



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ ACTIVATED CARBON FILTER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST