



# D/BF 10

## FIXED SUCTION UNITS FOR DUST AND SOLID MATERIAL



|                          |                   |                     |
|--------------------------|-------------------|---------------------|
| <b>Voltage</b>           | Volts<br>Hertz    | 230-400 3~<br>50/60 |
| <b>Power</b>             | KW<br>HP          | 0,75<br>1           |
| <b>Depression</b>        | mm.H2O            | 2250                |
| <b>Air Flow</b>          | M3/h              | 140                 |
| <b>Filter Surface</b>    | cm2               | 8000                |
| <b>Type of Filter</b>    | 12 Pockets        | Polyester           |
| <b>Filter efficiency</b> | CAT BIA<br>Micron | L<br>>3             |
| <b>Filter shaker</b>     | Manual            | Standard            |
| <b>Capacity</b>          | Lt.               | 25                  |
| <b>Hose size</b>         | Ø mm.             | 60                  |
| <b>Noise level</b>       | dB                | 68                  |
| <b>Protection</b>        | IP                | 55                  |
| <b>Dimensions</b>        | cm                | 35x70               |
| <b>Height</b>            | cm (H)            | 50                  |
| <b>Weight</b>            | Kg                | 30                  |

- The DBF models are fixed vacuums designed to suck up dust or solid material continuously, usually on production machinery.

- The suction unit is a turbine motor of the “side channel blower” type: the fan being directly shafted on the motor shaft, this type of motor requires no transmission system and provides a performance of 2.850 RPM. It is thus completely maintenance free, ideal for non-stop and heavy duty performance, very silent and resistant. The motor matches the IP 55 protection level.

- The DBF models all have a manual filter shaker system, which allows an easy and efficient cleaning of the filter. The standard polyester pocket-filter has a filtering surface of 82.000 cm<sup>2</sup>, a 3 micron efficiency (cat. L/G, 3 micron efficiency), and provides a high performance filtration. Specific filters (for high temperature, fine dust, Teflon) are available upon request.

- A releasable 25 lt. stainless steel container enables to dispose easily of the sucked up material.

- The suction inlet has an internal deflector and a 60 mm. diameter connection, with reduction available in 50mm, 38mm or 32mm diameters.

- The frame is made of epoxidic painted steel, and can be mounted on wheels (optional).

- OPTIONS: stainless steel AISI 304, class M filter, wheel mounted version, electrical grounding