

D/BF RANGE

FIXED SUCTION UNITS FOR DUST AND SOLID MATERIAL

Technical data

| Model | | DBF10 DBFV10 | DBF15 DBFV15 | DBF20 DBFV20 | DBF30 DBFV30 |
|-------------------|---------------------|-----------------|-----------------|-----------------|-----------------|
| Tension | Volts | 230/400/50 | 230/400/50 | 230/400/50 | 230/400/50 |
| Power | KW | 0,75 | 1,1 | 1,5 | 2,2 |
| | HP | 1 | 1,5 | 2 | 3 |
| Depression | mm.H ₂ O | 2250 | 2500 | 2750 | 3000 |
| Air flow | M ³ /h | 140 | 200 | 200 | 300 |
| Filter surface | Cm ² | 12.000 | 12.000 | 12.000 | 12.000 |
| Type of filter | 12 Pockets | Polyester | Polyester | Polyester | Polyester |
| Filter efficiency | CAT (BIA) / micron | M/G >3 | M/G >3 | M/G >3 | M/G >3 |
| | Filter shaker | Manual | Standard | Standard | Standard |
| Capacity | Lt. (H)* | 25 | 25 | 25 | 25 |
| | (V)** | 25 | 25 | 25 | 40 |
| Suction inlet | ∅ | 60 | 60 | 60 | 60 |
| Noise level | Db(A) | 64 | 68 | 68 | 72 |
| Protection | IP | 55 | 55 | 55 | 55 |
| Insulation | Cl | F | F | F | F |
| Dimensions | cm. (H) | 35 x 70 | 35 x 70 | 35 x 70 | 35 x 70 |
| | cm. (V) | 41 x 38 | 41 x 38 | 41 x 38 | 41 x 38 |
| Height | cm. (H) | 50 | 50 | 50 | 50 |
| | cm. (V) | 75 | 75 | 75 | 90 |
| Weight | Kg. | 25 | 27 | 30 | 42 |



HORIZONTAL



VERTICAL

* H: Horizontal version/

**V: Vertical version

STANDARD FEATURES

- The DBF models are fixed vacuums designed to suck up dust or solid material continuously, usually on production machinery. They are available in two different versions: horizontal (with the turbine and the steel container fitted on a metal plate) or vertical (the steel container is fitted on top of the turbine).
- 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 12.000 cm², a 3 micron efficiency (cat. M/G, 3 micron efficiency), and provides a high performance filtration. Other filters (for high temperature, fine dust, Teflon) are available as optionals.
- A releasable steel container of 25 lt. (version H) or 40 lt. (Version V) 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 down to 40 mm.
- The frame is made of epoxidic painted steel, and can be mounted on wheels (optional).