

# 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 <sub>2</sub> O	2250	2500	2750	3000
Air flow	M <sup>3</sup> /h	140	200	200	300
Filter surface	Cm <sup>2</sup>	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	Standard
Capacity	Lt. (H)*	25	25	25	25
	(V)**	40	40	40	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)	90	90	90	90
Weight	Kg.	30	31	33	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 cm<sup>2</sup>, 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).