



# DBFV 20 - INDUSTRIAL THREE PHASE



FOOD INDUSTRY



CHEMICAL-PHARMACEUTICAL



PACKAGING



COFFEE, TEA, TOBACCO PROCESSING



- ✓ Side channel blower motor , powerful and quiet, totally maintenance-free, suitable for continuous duty
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Pressure relief valve for motor protection
- ✓ Low noise level

- ✓ Easy filter replacement
- ✓ Reduced downtime of machinery
- ✓ Modularity is guaranteed to fulfill the customer's needs
- ✓ Full customization for specific needs

## SUCTION UNIT

Voltage	V - Hz	230/460 - 60 3~
Power	HP (kW)	3.46 (2.55)
Electrical protection	IP	55/F
Max water lift	inH2O (mmH2O)	102.3 (2600)
Max air flow	CFM (m3/h)	194.2 (330)
Suction inlet	in (mm)	2 (50)
Noise level (EN ISO 3744)	dB(A)	71

## FILTER UNIT

Filter Type		Star
Surface - Diameter	ft2 (m2), mm	9 (0.8) - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual

## COLLECTION UNIT

Flow rate	lb/h	55 (25)
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## SIZE

Dimensions	in (cm) WxLxH	21x21.6x40.5 (54x55x103)
Weight	lb (kg)	99 (45)



## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore quiet, totally maintenance-free and suitable for continuous duty operations.

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



## FILTER UNIT

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

It is possible to clean the filter using an integrated mechanical system; an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



## COLLECTION UNIT

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

## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ STAINLESS STEEL CHAMBER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST