



Intertek

DG 86 AF D2 PN - COMBUSTIBLE DUST

ETL CERTIFIED FOR CLASS II, DIVISION 2

Groups F, G



CEMENT



CERAMICS AND POTTERY INDUSTRIES



RUBBER



- ✓ Side channel blower motor , powerful and quiet, totally maintenance-free, suitable for continuous duty - no maintenance up to 30,000
- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Roll-out collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ Tangential inlet with cyclone filter protector

SUCTION UNIT

Certification	ETL Class II Div. 2	
Groups	F,G	
Voltage	V - Hz	460 - 60 3~
Power	HP (kW)	11.5 (8.6)
Electrical protection	IP - NEMA	55 - 4
Max water lift	inH2O (mmH2O)	108.4 (2753)
Max air flow	CFM (m3/h)	482.6 (820)
Suction inlet	in (mm)	3 (80)
Noise level (EN ISO 3744)	dB(A)	75

FILTER UNIT

Filter Type	Cartridges (3)	
Surface	ft2 (m2)	86 (8)
Media, class (IEC 60335-2-69)2	Polyester - ANT M	
Cleaning system	Automatic Pneumatic	

COLLECTION UNIT

Discharge system	Roll-out container	
Capacity	gal (L)	26 (100)

SIZE

Dimensions	in (cm) WxLxH	26x47x69 (66x119x175)
Weight	lb (kg)	397 (180)



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

A vacuum gauge enables to check the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

The polyester cartridges inside the filter chamber guarantee large filter surface and prevent filter clogging. Cartridges are automatically cleaned by a pneumatic reverse pulse cleaning system. The system is automatic, timed and adjustable.

A compressor can be installed (on demand) on the back frame to guarantee the required air supply.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces. The roll-out steel collection tank has a quick release system for the rapid disposal of the vacuumed material.

OPTIONALS

- ✓ CERTIFIED HEPA CLASS H14 (99.995% @ 0.18 MICRON)
- ✓ PARTIAL OR FULL STAINLESS STEEL FRAME
- ✓ MORE POWER SOURCES AVAILABLE UPON REQUEST
- ✓ OTHER CERTIFICATIONS AVAILABLE UPON REQUEST