

## NEDERMAN FLEXPAK DX 400 V



### DESCRIPTION

The Nederman FlexPAK DX is a frequency controlled high vacuum dust collector for extraction of combustible dust. Frequency controlled compact high vacuum dust collector unit to be used for combustible dust applications. Typically for 2 to 10 users.

FlexPAK is suitable for cleaning the workplace, the shop floor and machines. It is also very suitable for on-tool applications. The FlexPAK DX regulates the speed of the motor automatically depending on the vacuum demand.

Compared to traditional controllers, FlexPAK DX provides an optimal, and well-balanced vacuum according to the need, ensuring energy-saving operation. The FlexPAK DX have different running modes to meet specific customer needs. It can easily switch between generating as much vacuum as possible, typically for applications with long piping or material transportation, or maintaining a constant vacuum level.

There are 2 versions available, FlexPAK DX, equipped with a rupture disc for release of the explosion pressure and flame and FlexPAK DX F2 supplied with a flameless venting system that could be used indoors for some applications. Always reference the use in relation to product explosion properties and the extracted dust.

### TECHNICAL SPECIFICATION

Compressed air requirement	6-7 bar
Installation	(Indoor), (Outdoor)
Filter cleaning method	Reverse air pulse
Material	C2 according to ISO 12944-2
Material recycling	93.6%
Application	(dust), (granulate), (grit), (fumes), (swarf)
Suitable for combustible dust	True
Working pressure	20-35 kPa
Max vacuum	35 kPa
Dustbin volume	70 litres
Max Airflow	1300 m <sup>3</sup> /h
Filter Area	6 m <sup>2</sup>
Frequency	50/60 Hz
Inlet	150 mm
Weight	454 kg
No. of phases	3
Filter Type	(Bag)
Number of filter elements	2 (main and control filter)
Filter material	Antistatic polyester
Noise Level	70 dB(A)
Protection class	IP 42
Certifications	CE, EX

### FEATURES

- Easy to install
- Built in PLC functions
- Low operating cost
- Reliable
- Suitable for a wide range of applications
- 2 to 10 users

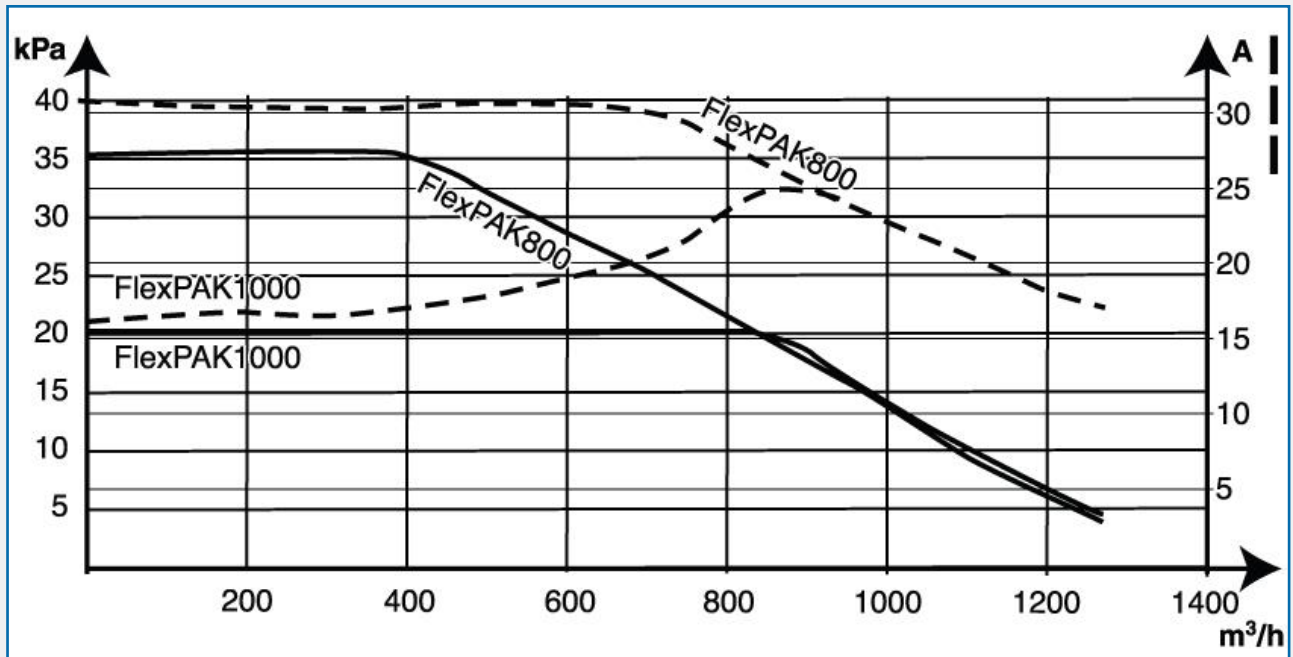
### PART CODES

FlexPAK DX 400 V	40050364
FlexPAK DX F2 400 V	40050359

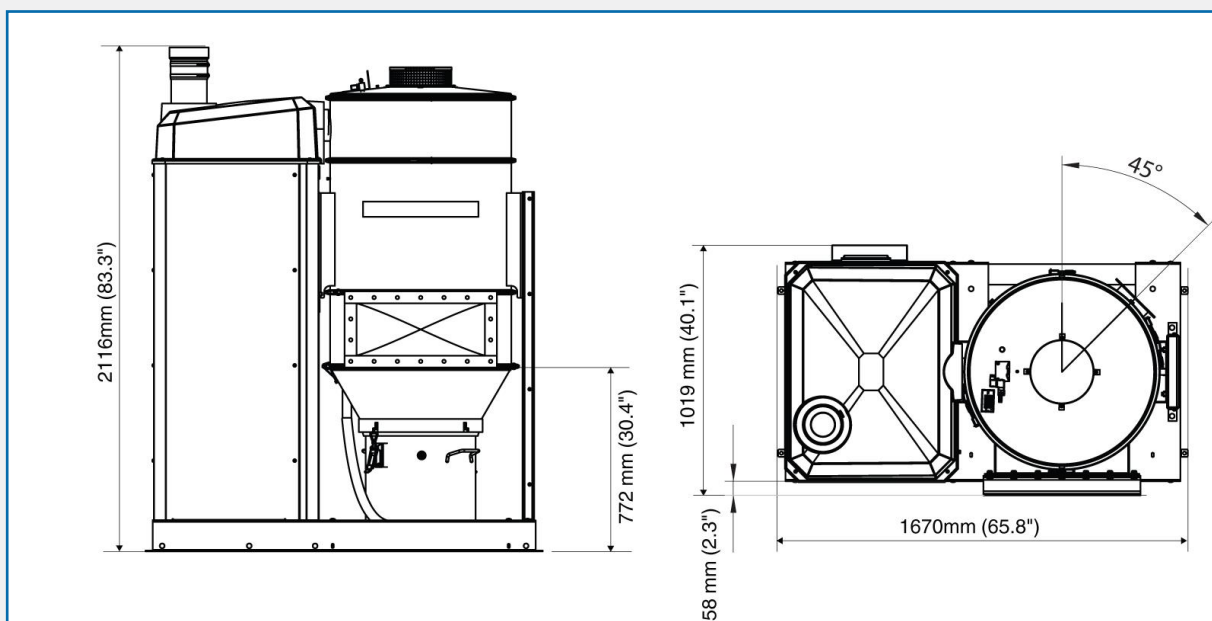
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### PRESSURE DROP



### DIMENSIONS DRAWING



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