

Fine dust extraction unit DustPro 1500 iQ 1250 m³/h, 3.3 kW, 230 V - Donaldson Bofa 30811629-1419

Item no. WL42595

Manufacturer Donaldson Bofa

The DustPro 1500 iQ handles large dust volumes at 1250 m³/h and 100 mbar using a 100 litre pre-filter bag plus a high efficiency HEPA stage. The 3.3 kW brushless blower is built for continuous duty and reverse flow filter technology keeps filter life up even under a heavy dust load. Powder-coated version, 230 V.

TECHNICAL DATA

Weight 0.1 kg



DESCRIPTION

Processes such as grinding, milling, laser marking or deburring release so much dust that standard extraction clogs within weeks. The DustPro 1500 iQ answers that with a 100 litre pre-filter bag, a HEPA final stage and reverse flow filter technology, while delivering 1250 m³/h at 100 mbar.

BENEFITS

- 1250 m³/h at 100 mbar from a 3.3 kW brushless blower rated for continuous duty
- Pre-filter bag with 100 litre volume for long change intervals under heavy dust load
- High efficiency HEPA stage for the fine fraction after coarse separation
- Reverse flow filter technology keeps pressure drop lower across the service life
- iQ operating system with filter condition monitoring and clear operator guidance
- Powder-coated enclosure, resilient in a demanding production environment

TECHNICAL DATA

Item number	WL42595
Model	DP 1500-iQ-PC
Manufacturer	BOFA
Manufacturer item number	30811629-1419
Device series	DustPro 1500 iQ

Air flow	1250 m ³ /h or 735 CFM at 100 mbar
Motor rating	3.3 kW
Nominal current	21.6 A
Voltage	230 V
Frequency	50/60 Hz
Noise level	68 dBA
Dimensions (LxWxH)	1204 mm x 615 mm x 790 mm
Pre-filter	Pre-filter bag, 100 litres
Main filter	High efficiency HEPA filter
Filter technology	Reverse flow
Control	iQ operating system
Version	Powder-coated
Order unit	Piece

APPLICATIONS

Intended for heavy duty applications with a high particle output: grinding and polishing benches, milling and engraving machines, laser marking, deburring and blasting as well as handling stations with dry dust generation. The high pressure capability also supports longer duct runs and several capture points.

COMPATIBILITY AND SCOPE OF DELIVERY

Supplied as the DustPro 1500 iQ extraction unit in the 230 V version with iQ control, pre-filter bag and HEPA stage. Extraction arms, hose sets, hoods and replacement filters are ordered separately according to process and capture point.