

Fine dust extraction unit DustPro 250, 180 m³/h at 30 mbar, 230 V - Donaldson Bofa 30351542-1609

Item no. WL34595

Manufacturer Donaldson Bofa

Compact extraction unit for fine dust from milling, engraving, grinding and turning. The brushless pump delivers 180 m³/h at 30 mbar and the two-stage filter cascade of a 6.4 litre bag filter plus a HEPA filter rated 99.997 per cent at 0.3 micron allows cleaned air to be returned to the room. At 59 dBA and a footprint of 270 mm x 290 mm the unit suits operation directly at the workstation.

TECHNICAL DATA

Weight

0.1 kg



DESCRIPTION

Dry fine dust from mechanical machining loads both the operator and the machine control. The DustPro 250 captures that dust at source and cleans the air in two stages before returning it at an air flow of 180 m³/h at 30 mbar.

BENEFITS

- Brushless pump, 180 m³/h at 30 mbar vacuum on a 230 V supply
- Polyester bag filter with 6.4 litre capacity, efficiency 95 % at 0.9 micron
- Pleated HEPA filter, efficiency 99.997 % at 0.3 micron
- Noise level of 59 dBA, usable in quiet production and laboratory areas
- Powder-coated structural steel housing, footprint of only 270 mm x 290 mm

TECHNICAL DATA

Item number	WL34595
Model	D0142A
Manufacturer	Donaldson Bofa
Manufacturer item number	30351542-1609
Device series	DustPro 250
Dimensions (LxWxH)	270 mm x 290 mm x 520 mm

Air flow	180 m ³ /h at 30 mbar
Voltage	230 V
Frequency	50/60 Hz
Nominal current	0.9 A
Noise level	59 dBA
Prefilter	Bag filter 6.4 litres, polyester, 95 % at 0.9 micron
Final filter	HEPA, 99.997 % at 0.3 micron, pleated construction
Housing	Powder-coated structural steel
Order unit	Piece

APPLICATIONS

Capture of fine dust during milling, mechanical engraving, grinding and turning on machine tools, small CNC systems and manual workstations. Suitable for prototype shops, dental technology, jewellery and model making as well as electronics production wherever dry particles have to be removed close to the process.

COMPATIBILITY AND SCOPE OF DELIVERY

Delivery comprises the DustPro 250 extraction unit with bag filter and HEPA filter fitted. Replacement filters are bag filter A1030241 and HEPA filter A1030287, which are shared between the DustPro 250 and DustPro 400.