

Extraction unit ASD 300 Ex EC-VF for fine dust 120 m³/h at 12,000 Pa - ULT ASD 0300.0-EC.3.0

Item no. WL26228

Manufacturer ULT

Where dust loads are heavy, a storage filter blinds within days. The ASD 300 Ex EC-VF instead uses four automatically cleanable filter cartridges and a 15 l collection drum, so dust is discharged rather than stored. The high pressure turbine delivers 120 m³/h at 12,000 Pa and an H13 safety afterfilter secures the clean air side.

TECHNICAL DATA

Weight 0.1 kg



STANDARDS & COMPLIANCE

IEC 61340-5-1

DESCRIPTION

Large volumes of dry dust cannot be collected economically in storage filters. The ULT ASD 300 Ex EC-VF therefore works with four automatically cleanable filter cartridges providing 1.2 m² of filter area, discharging the dust into a lidded 15 l drum. Its high pressure turbine with maintenance-free EC drive holds 120 m³/h at 12,000 Pa, enough vacuum even on long or narrow extraction runs.

BENEFITS

- Four cleanable cartridges in Teflon coated polyester fibre, electrically conductive, 4 x 0.3 m²
- Dust drops into a lidded 15 l drum and is disposed of with minimal dust exposure
- High pressure turbine with 1.3 kW EC drive, maintenance-free and with volume flow control
- H13 particulate filter acts as safety afterfilter on the clean air side
- Filter loading indicator signals the due filter change before suction performance drops
- Housing and air path are electrostatically dissipative throughout

TECHNICAL DATA

Item number WL26228

Model	ASD 300 Ex EC-VF
Manufacturer	ULT
Manufacturer item number	ASD 0300.0-EC.3.0
Order unit	Piece
Motor rating	1.3 kW
Nominal volume flow	120 m³/h at 12,000 Pa
Volume flow max	220 m³/h
Vacuum max	12,000 Pa
Voltage	230 V
Frequency	50/60 Hz
Nominal current	11 A
Noise level	63-70 dBA
Filter cartridges	4 x ULT 02.0.101, filter area 1.2 m² (4 x 0.3 m²)
Filter material	Polyester fibre with Teflon coating, electrically conductive
Afterfilter	Particulate filter H13, ULT 02.1.051
Dust container	15 l drum with lid

APPLICATIONS

Extraction of dry fine dust at grinding, brushing, deburring and cutting stations, in printed circuit board machining and during cleaning or rework with a heavy dust load. Volume flow control lets the same unit serve a single nozzle or several capture elements.

COMPATIBILITY AND SCOPE OF DELIVERY

Delivered as a complete extraction unit with four ULT 02.0.101 filter cartridges, the ULT 02.1.051 H13 particulate filter and the dust collection drum. The same filter articles are available separately as spare parts.

The continuously dissipative construction makes the unit suitable for use in EPA areas according to IEC 61340-5-1.