

Pre-filter pleated 90 percent down to 0.4 µm for AD 180 and AD 400 - Donaldson Bofa A1030045

Item no. WL39786

Manufacturer Donaldson Bofa

The A1030045 pre-filter captures the coarse particle load of solder fume before it reaches the far more expensive main and gas filter, which extends its service life considerably. The pleated fibreglass medium removes 90 percent of particles down to 0.4 µm. Suitable for the AD 180, AD 400 and AD 500 extraction units.

TECHNICAL DATA

Weight 0.1 kg



DESCRIPTION

On a Bofa AD 180 or AD 400 the pre-filter is the element that controls running costs: it holds back dust, flux aerosols and coarse fume particles so the downstream HEPA and gas filter reaches its full rated life. The A1030045 uses a pleated fibreglass medium and removes 90 percent of particles down to 0.4 µm.

BENEFITS

- Pleated fibreglass medium with 90 percent efficiency for particle sizes down to 0.4 µm
- Large media area through pleating, so pressure drop stays low and airflow stays stable
- Galvanized steel housing sealed with polyurethane sealant, dimensionally stable and leak free
- Rubber gasket on the side of the filter gives a tight seat inside the unit
- Protects the more expensive main and gas filter and lowers the cost per filter change

TECHNICAL DATA

Item number	WL39786
Model	A1030045
Manufacturer	BOFA
Manufacturer item number	A1030045
Filter type	Pre-filter

Filter medium	Pleated fibreglass material
Efficiency	90 percent for particle sizes down to 0.4 µm
Dimensions (HxWxD)	310 x 300 x 605 mm, approx.
Housing	Galvanized steel, sealed with polyurethane sealant
Connection	Rubber gasket on the side of the filter
Device series	AD 180, AD 400
Order unit	Piece
ESD safe	No

APPLICATIONS

The pre-filter is used in centralised and bench-side solder fume extraction at hand soldering positions, rework stations and selective soldering machines. It also takes up the coarse load from bonding and potting work that generates aerosols. Change intervals follow the filter condition indicator of the unit and the load at the workplace.

COMPATIBILITY AND SCOPE OF DELIVERY

Suitable for the Bofa AD 180, AD 400 and AD 500 extraction units. Supplied as one A1030045 pre-filter, replaceable without tools. Main and gas filters are ordered separately.