

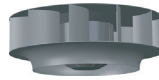
**ELECTROSTATIC FILTER
1000**



The acs 1000 is designed for direct attachment to most machines and machining centres.



Isolator
 Isolator for start/stop and mains isolation



Fan
 500w high power backward curve centrifugal fan. Running current 0.8A - 1.6A (400/230v 50/60Hz 3pH)



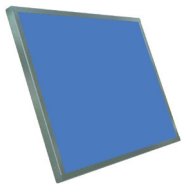
Collector cell
 2 high efficiency combined ioniser and collector cells constructed from aluminium and steel components with 'dead' spring cut out



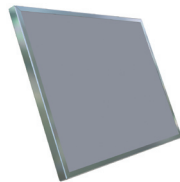
Power supply
 High voltage power supply providing 7000v charge to the collector cell



Inlet spigot
 200mm diameter spigot for galvanised or flexible duct work connections



Pre-filter
 EU4 media pad and frame



After filter
 Aluminium mesh after filter (can also be supplied as a pre-filter)



Separator
 To ensure an even airflow distribution over the filter components

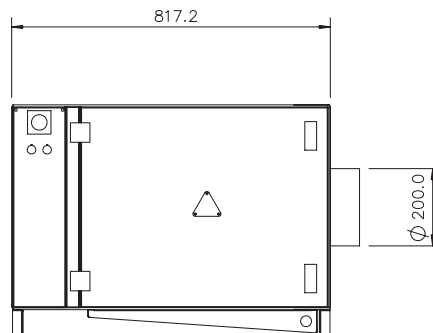
Oil drain
 1/2" BSP drain connector to return collected condensate to machine sump or collection bin for disposal

TECHNICAL DATA

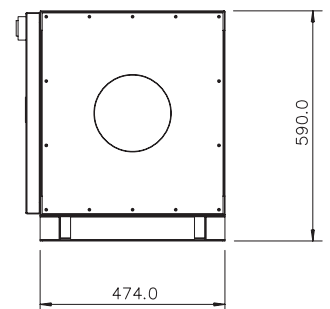
Air Volume	1000cfm/1700m ³ h
Motor rating	510w
Noise level	72dB(A)
Supply	400/230v 50/60Hz 3pH
Weight	80Kg

FINISH

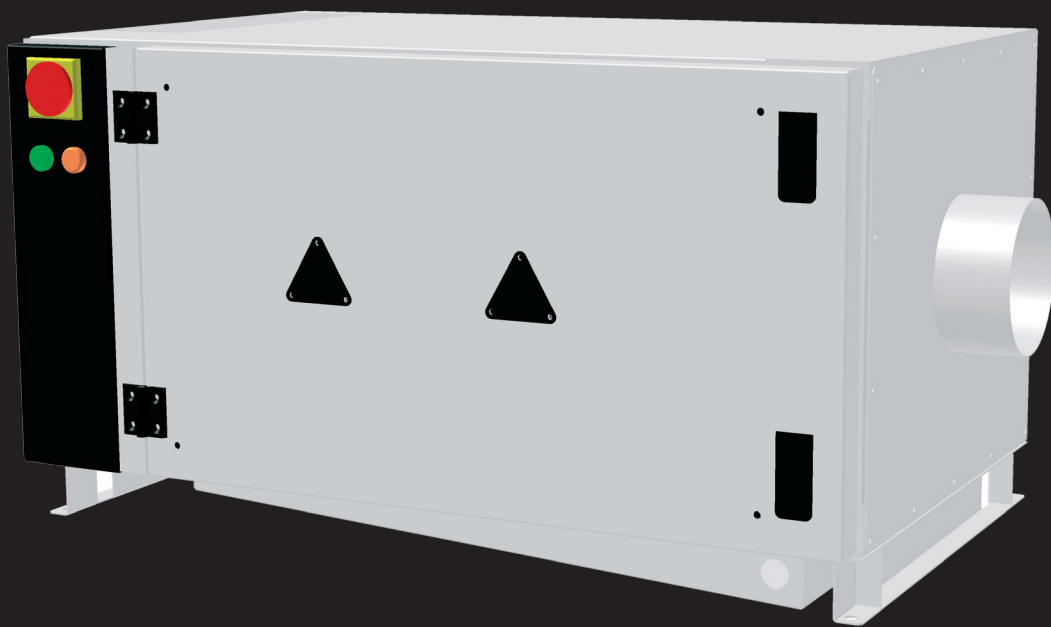
- RAL 7035
- Wide range of other colours available
- Built to CE Standards



DIMENSIONS



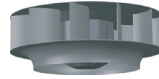
ELECTROSTATIC FILTER 1000DP



The acs 1000DP is designed for direct attachment to most machines and machining centres.



Isolator
 Isolator for start/stop and mains isolation



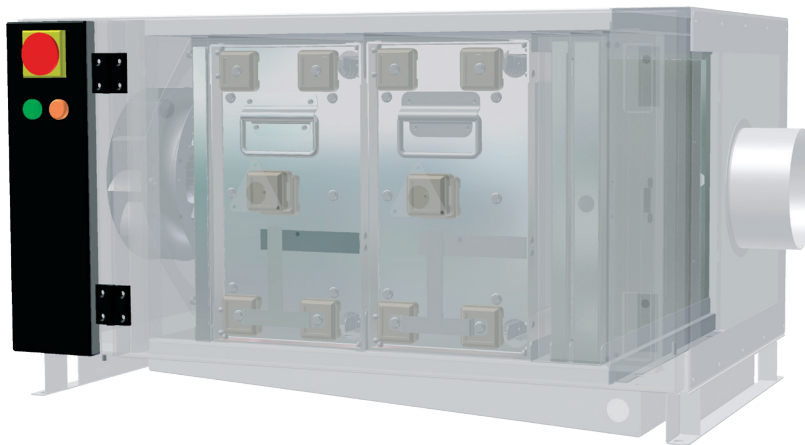
Fan
 500w high power backward curve centrifugal fan. Running current 0.8A - 1.6A (400/230v 50/60Hz 3pH)



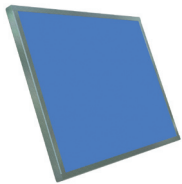
Collector cell
 2 high efficiency combined ioniser and collector cells constructed from aluminium and steel components with 'dead' spring cut out



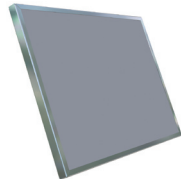
Power supply
 High voltage power supply providing 7000v charge to the collector cells



Inlet spigot
 200mm diameter spigot for galvanised or flexible duct work connections



Pre-filter
 EU4 media pad and frame



After filter
 Aluminium mesh after filter (can also be supplied as a pre-filter)



Separator
 To ensure an even airflow distribution over the filter components

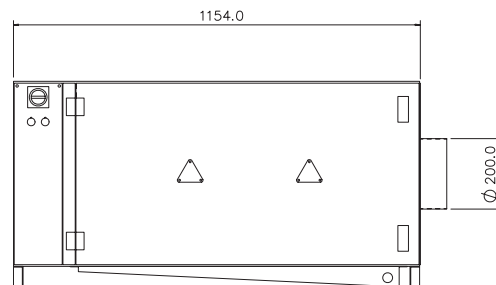
Oil drain
 1/2" BSP drain connector to return collected condensate to machine sump or collection bin for disposal

TECHNICAL DATA

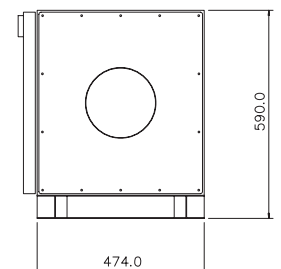
Air Volume	1700m ³ h
Motor rating	510w
Noise level	72dB(A)
Supply	400/230v 50/60Hz 3pH
Weight	110Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards



DIMENSIONS



**ELECTROSTATIC FILTER
1000dpv**



ELECTROSTATIC FILTER 1000dpv

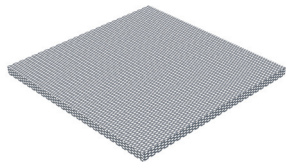
The acs 1000dpv is designed as a free standing unit for direct attachment to most machines and machining centres.



Power supply
 2 high voltage power supplies providing 7000v charge to each collector cell



Collector cell
 2 high efficiency combined ioniser and collector cells constructed from aluminium and steel components with 'dead' spring cut out



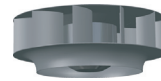
Pre-filter
 Aluminium mesh pre-filter



Wet separator
 To ensure an even airflow distribution over the filter components



Isolator
 Isolator for start/stop and mains isolation



Fan
 250w high power backward curve centrifugal fan.
 Running current 0.8A - 1.0A (400/230v 50/60Hz 3pH)



Deflector - inlet
 Inlet deflector to remove large particulate and prevent swarf entering the pre-filter



Inlet spigot
 150mm diameter spigot for galvanised or flexible duct work connections

Oil drain
 1/2" BSP drain connector to return collected condensate to machine tool sump or collection bin for disposal

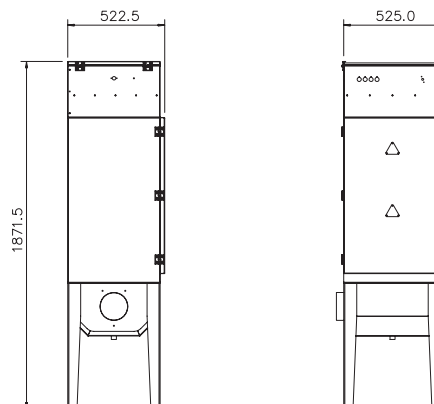
TECHNICAL DATA

Air Volume	600cfm/1000m ³ H
Motor rating	250w
Noise level	68dB (A)
Supply	400/230v 50/60Hz 3pH
Weight	120kg

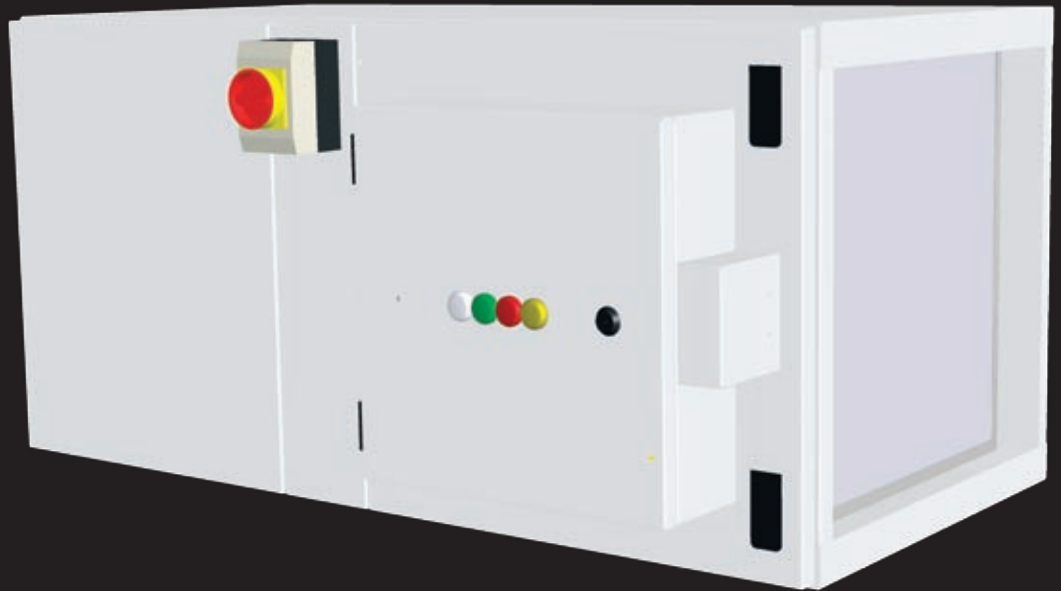
FINISH

- RAL7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



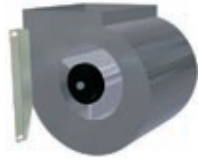
**ELECTROSTATIC FILTER
1500**



The acs 1500 is designed for free hanging applications, direct attachment to most machines and machining centres or multiple extraction from smaller machines



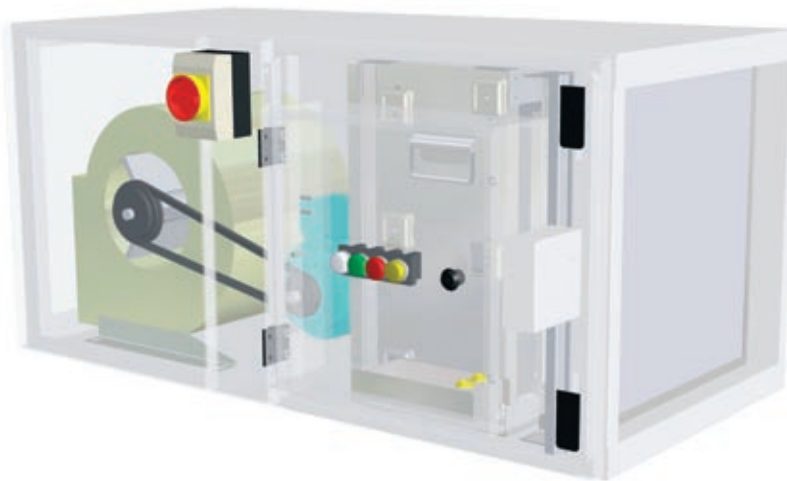
Power supply
 High voltage power supply providing 10000v to the ioniser and 5000v to the collector cell



Fan
 Forward curve centrifugal fan



Motor
 IP54 metric frame motor (0.75-1.5Kw) (400/230v 50/60Hz 3pH)



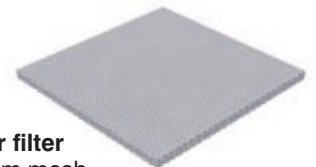
Isolator
 Isolator for start/stop and mains isolation



Collector cell
 High efficiency collector cell constructed from aluminium and steel components with 'dead' spring cut out



Ioniser
 Ioniser constructed from aluminium and steel components with 10 wires or stainless steel 'spikes'



Pre/after filter
 Aluminium mesh pre/after filters

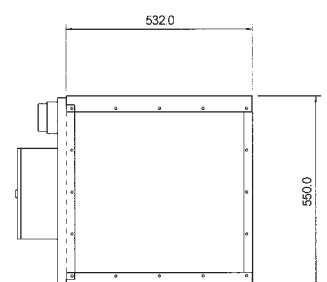
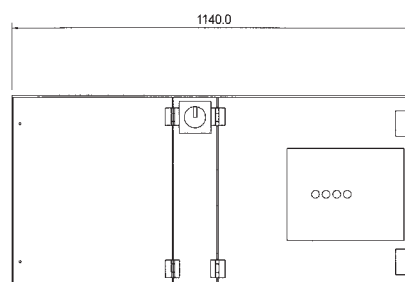
TECHNICAL DATA

Air Volume	1500cfm/2500m ³ /h
Motor rating	0.33 – 1.5Kw
Supply	230/400v 50/60Hz 3pH
	230v 50/60Hz 1pH
Weight	95Kg

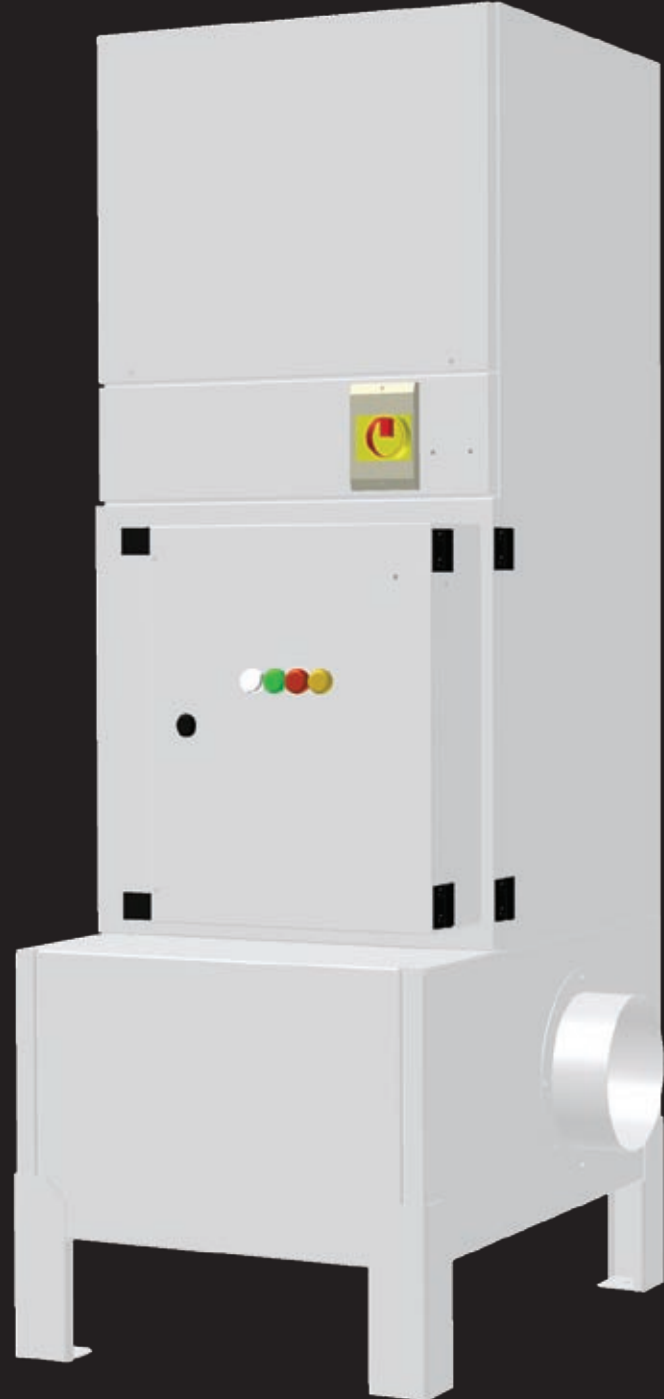
FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**ELECTROSTATIC
FILTER 1500v**



The acs 1500v is designed for direct attachment to most machines and machining centres or multiple extraction from smaller machines.

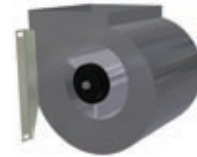


Power supply
 High voltage power supply providing 10000v to the ioniser and 5000v to the collector cell

Isolator
 Isolator for start/stop and mains isolation



Collector cell
 High efficiency collector cell constructed from aluminium and steel components with 'dead' spring cut out



Fan
 Forward curve centrifugal fan

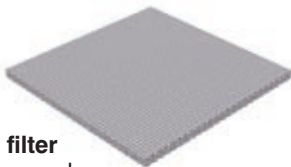


Motor
 IP54 metric frame motor (0.75-1.5Kw) (400/230v 50/60Hz 3pH)



Ioniser
 Ioniser constructed from aluminium and steel components with 10 wires or stainless steel 'spikes'

Deflector - inlet
 Inlet deflector to remove large particulate and prevent swarf entering the pre-filter



Pre/after filter
 Aluminium mesh pre/after filters



Inlet spigot
 Inlet spigot for galvanised or flexible duct work connections

Oil drain
 1/2" BSP drain connector to return collected condensate to machine tool sump or collection bin for disposal

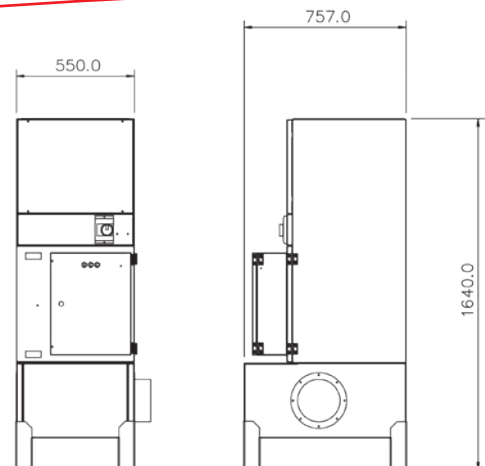
TECHNICAL DATA

Air Volume (max)	1500cfm/2500m ³ h
Motor rating	0.75-1.5Kw
Supply	400/230v 50/60Hz 3pH
Weight	140Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**ELECTROSTATIC FILTER
1501**



The acs 1501 is an 'in-duct' unit designed for single/multiple extraction applications.

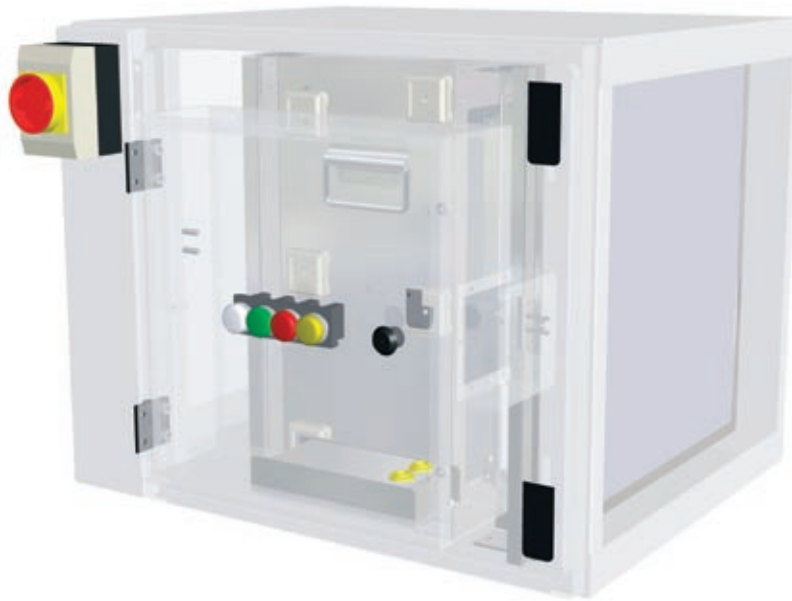
Isolator
 Isolator for start/stop
 and mains isolation



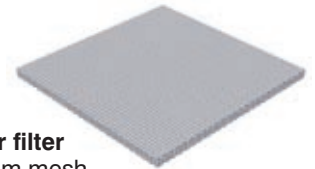
Power supply
 High voltage power supply
 providing 10000v to the
 ioniser and 5000v to the
 collector cell



Collector cell
 High efficiency collector
 cell constructed from
 aluminium and steel
 components with 'dead'
 spring cut out



Ioniser
 Ioniser constructed from aluminium
 and steel components with 10 wires
 or stainless steel 'spikes'



Pre/after filter
 Aluminium mesh
 pre/after filters

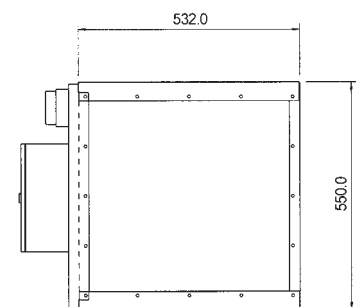
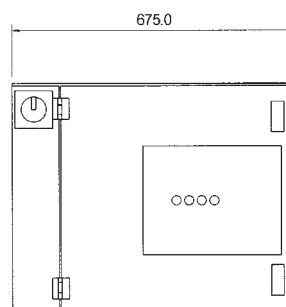
TECHNICAL DATA

Air Volume	1500cfm/2500m ³ /h
Supply	230/400v 50/60Hz 3pH 230v 50/60Hz 1pH
Weight	55Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**ELECTROSTATIC FILTER
3000**



The acs 3000 is designed for free hanging applications, direct attachment to most machines and machining centres or multiple extraction from smaller machines



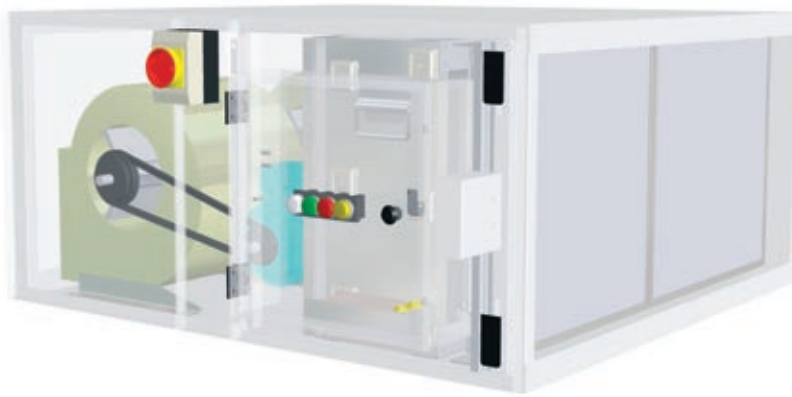
Power supply
 High voltage power supply providing 10000v to the ioniser and 5000v to the collector cells



Fan
 Twin forward curve centrifugal fan



Motor
 IP54 metric frame motor (1.1-2.2Kw)
 (400/230v 50/60Hz 3pH)



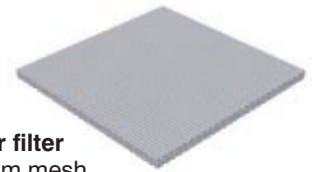
Isolator
 Isolator for start/stop and mains isolation



Collector cell
 High efficiency collector cells constructed from aluminium and steel components with 'dead' spring cut out



Ioniser
 Ioniser constructed from aluminium and steel components with 20 wires or stainless steel 'spikes'



Pre/after filter
 Aluminium mesh pre/after filters

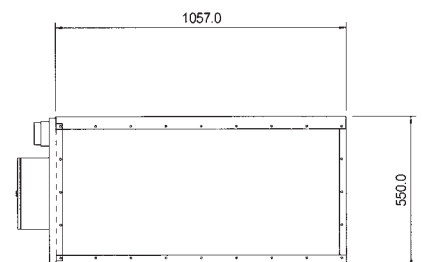
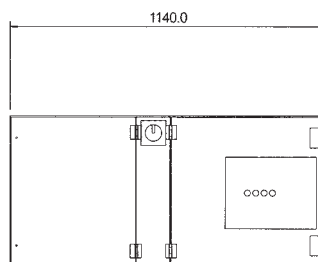
TECHNICAL DATA

Air Volume	3000cfm/5000m ³ /h
Motor rating	0.75 – 2.2Kw
Supply	230/400v 50/60Hz 3pH
	230v 50/60Hz 1pH
Weight	180Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**ELECTROSTATIC
FILTER 3000dpv**



The acs 3000dpv is designed for direct attachment to most machines and machining centres or multiple extraction from smaller machines with high concentrations of mist/smoke.



Power supply
 High voltage power supplies providing 10000v to the ionisers and 5000v to the collector cells

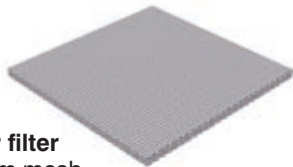
Isolator
 Isolator for start/stop and mains isolation



Collector cell
 High efficiency collector cells constructed from aluminium and steel components with 'dead' spring cut out



Ioniser
 Ionisers constructed from aluminium and steel components with 20 wires or stainless steel 'spikes'



Pre/after filter
 Aluminium mesh pre/after filters



Oil drain
 1/2" BSP drain connector to return collected condensate to machine tool sump or collection bin for disposal



Fan
 Twin forward curve centrifugal fan



Motor
 IP54 metric frame motor (0.75-2.2Kw) (400/230v 50/60Hz 3pH)

Deflector - inlet
 Inlet deflector to remove large particulate and prevent swarf entering the pre-filter



Inlet spigot
 Inlet spigot(s) for galvanised or flexible duct work connections

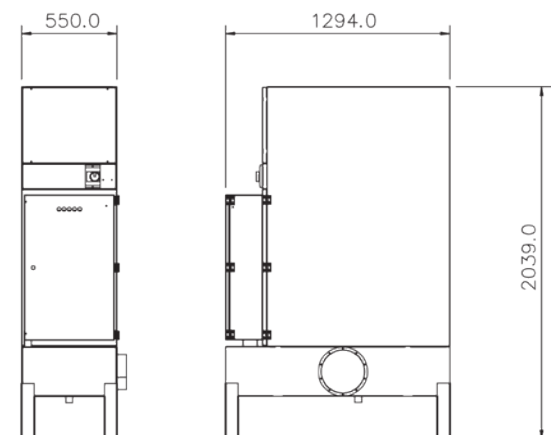
TECHNICAL DATA

Air Volume (max)	3000cfm/5000m ³ h
Motor rating	0.75-2.2Kw
Supply	400/230v 50/60Hz 3pH
Weight	

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**ELECTROSTATIC FILTER
3101**



The acs 3101 is an 'in-duct' unit designed for single/multiple extraction applications.

Isolator
 Isolator for start/stop and mains isolation



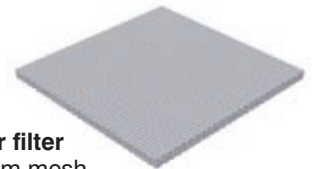
Power supply
 High voltage power supply providing 10000v to the ioniser and 5000v to the collector cells



Collector cell
 High efficiency collector cells constructed from aluminium and steel components with 'dead' spring cut out



Ioniser
 Ioniser constructed from aluminium and steel components with 20 wires or stainless steel 'spikes'



Pre/after filter
 Aluminium mesh pre/after filters

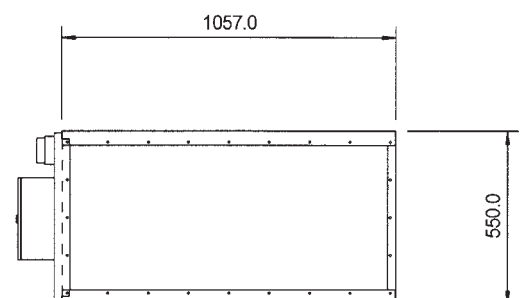
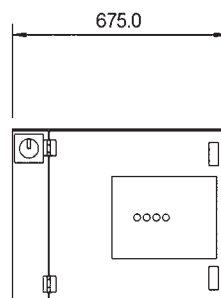
TECHNICAL DATA

Air Volume	3000cfm/5000m ³ /h
Supply	230/400v 50/60Hz 3pH 230v 50/60Hz 1pH
Weight	80kg

FINISH

- RAL7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



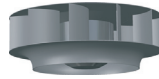
**ELECTROSTATIC FILTER
580**



The acs 580 is designed for direct attachment to most machines and machining centres.



Isolator
 Isolator for start/stop and mains isolation



Fan
 250w high power backward curve centrifugal fan. Running current 0.8A-1.80A (400/230v 50/60Hz 3pH) (230v 50/60Hz 1pH)



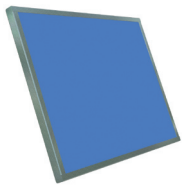
Collector cell
 High efficiency combined ioniser and collector cell constructed from aluminium and steel components with 'dead' spring cut out



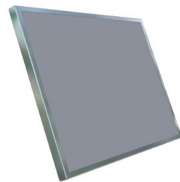
Power supply
 High voltage power supply providing 7000v charge to the collector cell



Inlet spigot
 200mm diameter spigot for galvanised or flexible duct work connections



Pre-filter
 EU4 media pad and frame



After filter
 Aluminium mesh after filter (can also be supplied as a pre-filter)



Separator
 To ensure an even airflow distribution over the filter components

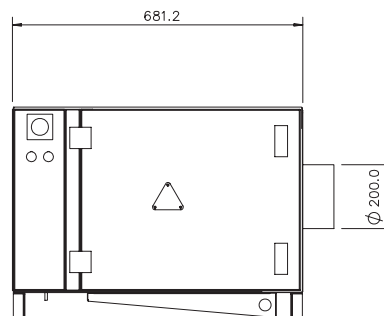
Oil drain
 1/2" BSP drain connector to return collected condensate to machine sump or collection bin for disposal

TECHNICAL DATA

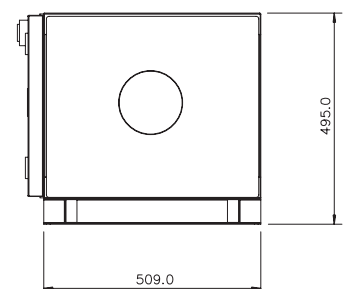
Air Volume	580cfm/1000m ³ h
Motor rating	250w
Noise level	68dB(A)
Supply	400/230v 50/60Hz 3pH 230v 50/60Hz 1pH
Weight	60Kg

FINISH

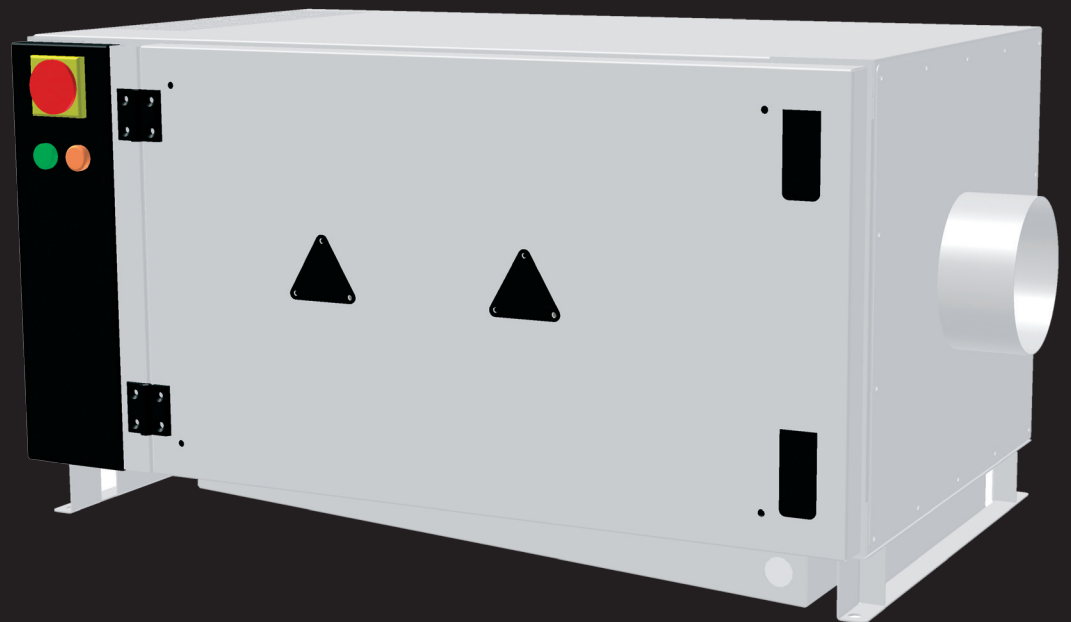
- RAL 7035
- Wide range of other colours available
- Built to CE Standards



DIMENSIONS



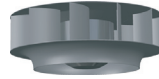
**ELECTROSTATIC FILTER
580DP**



The acs 580DP is designed for direct attachment to most machines and machining centres.



Isolator
 Isolator for start/stop and mains isolation



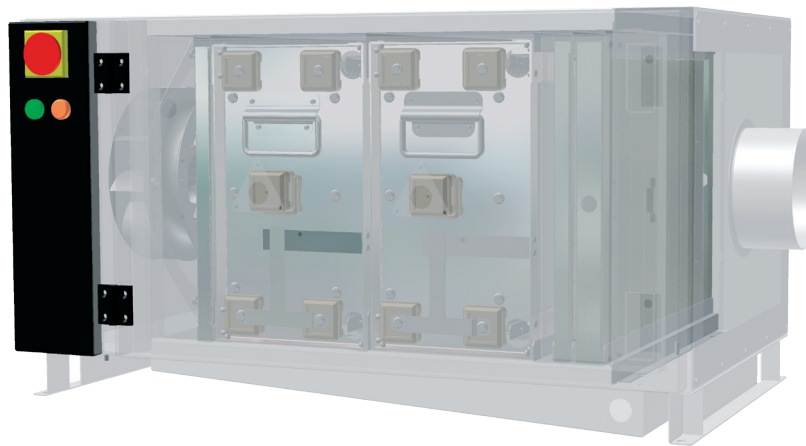
Fan
 250w high power backward curve centrifugal fan. Running current 0.8A-1.80A (230/400v 50/60Hz 3pH) (230v 50/60Hz 1pH)



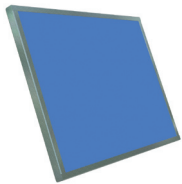
Collector cell
 2 high efficiency combined ioniser and collector cells constructed from aluminium and steel components with 'dead' spring cut out



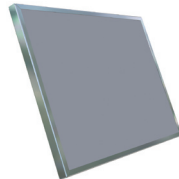
Power supply
 High voltage power supply providing 7000v charge to the collector cells



Inlet spigot
 200mm diameter spigot for galvanised or flexible duct work connections



Pre-filter
 EU4 media pad and frame



After filter
 Aluminium mesh after filter (can also be supplied as a pre-filter)



Separator
 To ensure an even airflow distribution over the filter components

Oil drain
 1/2" BSP drain connector to return collected condensate to machine sump or collection bin for disposal

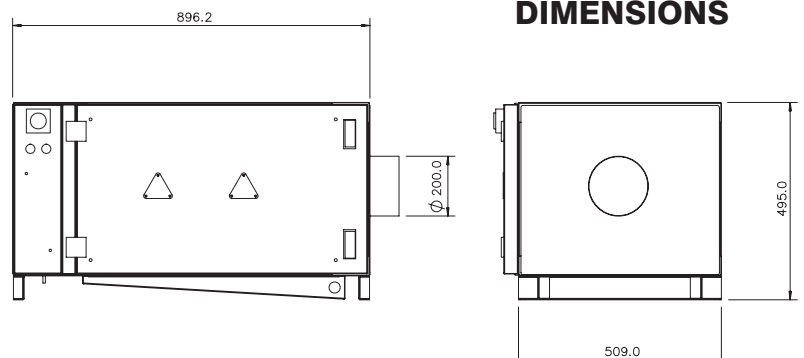
TECHNICAL DATA

Air Volume	580cfm/1000m ³ h
Motor rating	250w
Noise level	68dB(A)
Supply	230/400v 50/60Hz 3pH
	230v 50/60Hz 1pH
Weight	80Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



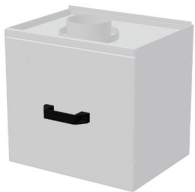
BLOW DOWN BENCH BDB500



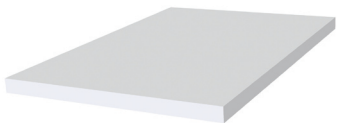
The acs BDB500 removes swarf and other materials from machined components. Components to be cleaned are placed on, or held over, the worktop. Depressing the foot pedal operates the system which activates the venturi and allows the blow gun to be used. The venturi draws the debris down into a collection bin, passing the air over a filter before returning it to the work place.



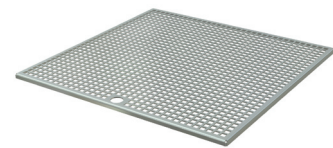
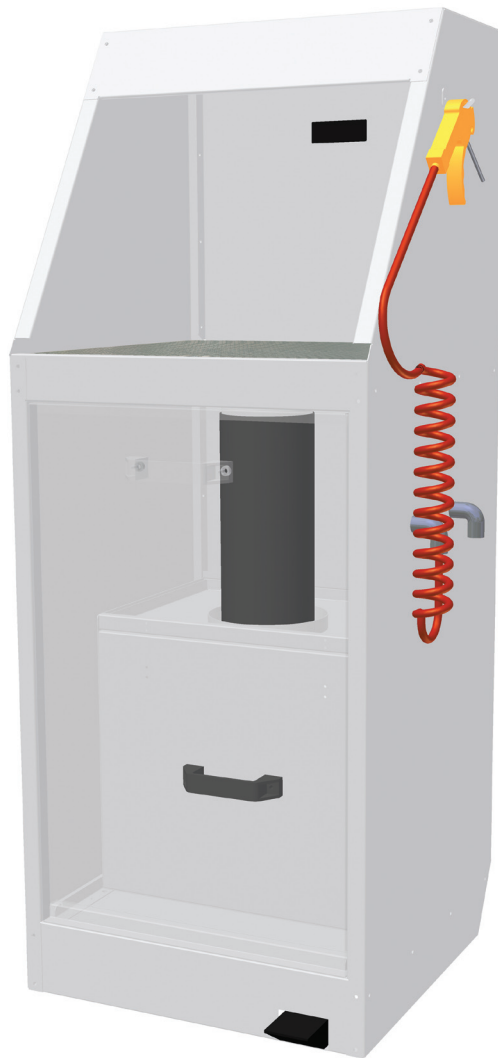
Door
Access door to collection bin



Collection bin
For swarf and other materials removed by the air gun



Filter pad
To clean exhaust air before recirculation



Worktop
Perforated 'lift off' work top



Air gun
To blow down machined components



Wheels
75mm diameter nylon wheels to easily position and re-position the bench

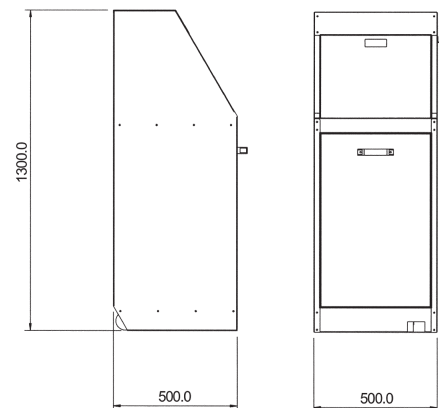
TECHNICAL DATA

Compressed air requirement	80psi
Max. workholding weight	10kg
Weight	46kg

FINISH

- RAL7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**DOWNDRAUGHT
BENCH FB1320**



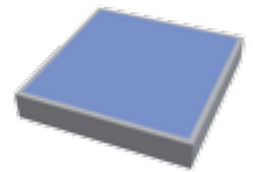
The FB1320 downdraught filter bench is designed for light dust applications such as grinding, fettling, de-burring etc and is available in standing or seated configurations.



Aluminium mesh filter
 Used in conjunction with spark arrestor (optional)



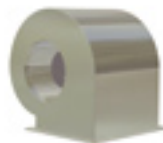
Spark arrestor
 For grinding applications (optional)



Pre-filter
 G4 Pleated pre filter to remove particulate



Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



Fan
 600w high power centrifugal fan. Running current 6.8A (max)
 230v 50/60Hz 1pH

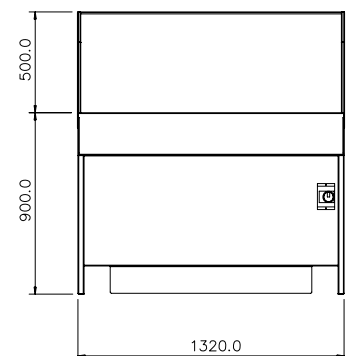
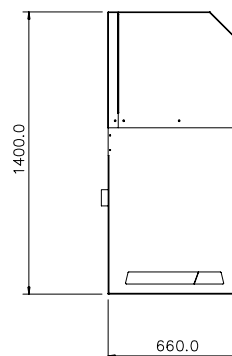
TECHNICAL DATA

Air Volume (max)	5000m ³ h (free blowing)
Velocity	2.0m/s (clean filter)
Motor rating	600w
Current (max)	6.8A
Supply	230v 50/60Hz 1pH
Weight	220Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards
- Bespoke sizes are available

DIMENSIONS



**DOWNDRAUGHT
BENCH FB2000**



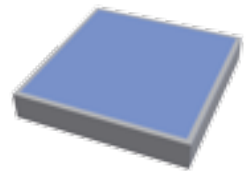
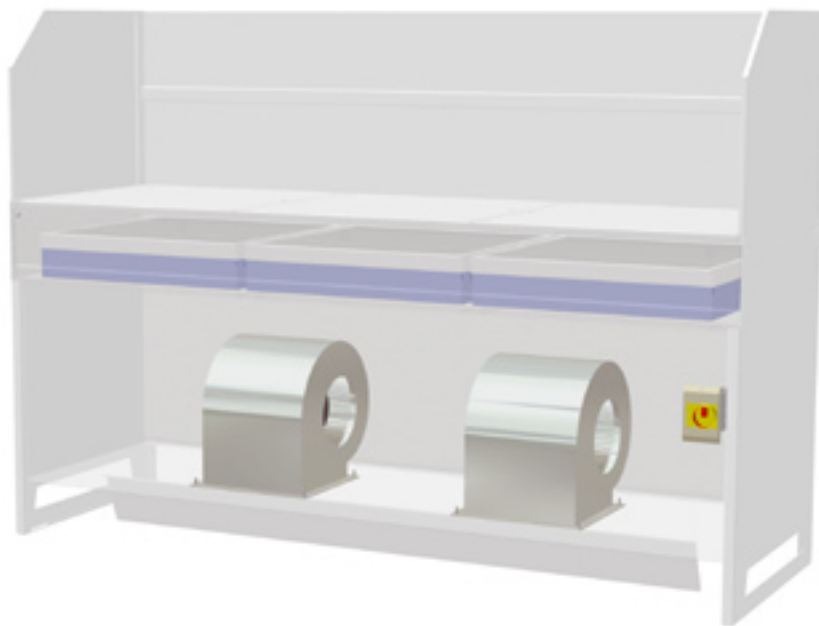
The FB2000 downdraught filter bench is designed for light dust applications such as grinding, fettling, de-burring etc and is available in standing or seated configurations.



Aluminium mesh filter
 Used in conjunction with spark arrestor (optional)



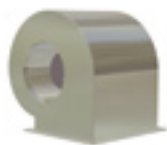
Spark arrestor
 For grinding applications (optional)



Pre-filter
 G4 Pleated pre filter to remove particulate



Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



Fan
 2 x 600w high power centrifugal fans.
 Running current 13.6A (max)
 230v 50/60Hz 1pH

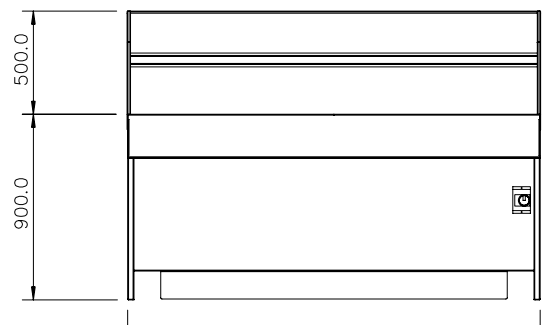
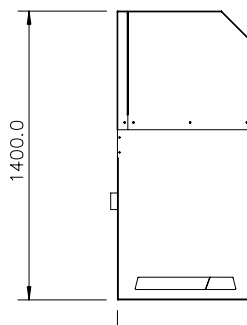
TECHNICAL DATA

Air Volume (max)	6000m ³ h (free blowing)
Velocity	2.0m/s (clean filter)
Motor rating	600w (x2)
Current (max)	6.8A (x2)
Supply	230v 50/60Hz 1pH
Weight	220Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards
- Bespoke sizes are available

DIMENSIONS



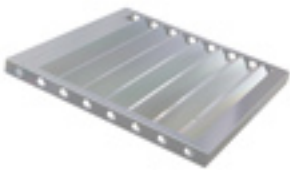
**DOWNDRAUGHT
BENCH FB700**



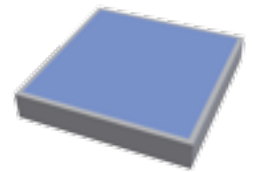
The FB700 downdraught filter bench is designed for light dust applications such as grinding, fettling, de-burring etc and is available in standing or seated configurations.



Aluminium mesh filter
 Used in conjunction with spark arrestor (optional)



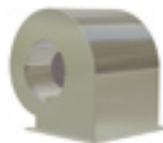
Spark arrestor
 For grinding applications (optional)



Pre-filter
 G4 Pleated pre filter to remove particulate



Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



Fan
 330w high power centrifugal fan. Running current 3.6A (max)
 230v 50/60Hz 1pH

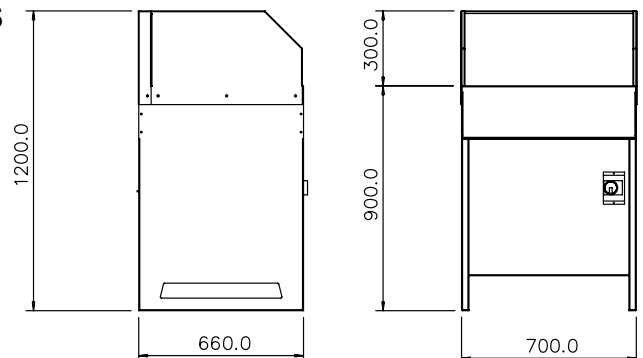
TECHNICAL DATA

Air Volume (max)	3000m ³ h (free blowing)
Velocity	2.0m/s (clean filter)
Motor rating	330w
Current (max)	3.6A
Supply	230v 50/60Hz 1pH
Weight	100Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards
- Bespoke sizes are available

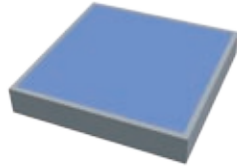
DIMENSIONS



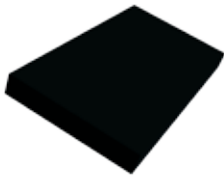
**DOWNDRAUGHT
CARBON BENCH
FB700C**



The FB700C downdraught filter bench is designed for solvent/ gluing applications to control odorous contaminants within the airstream.



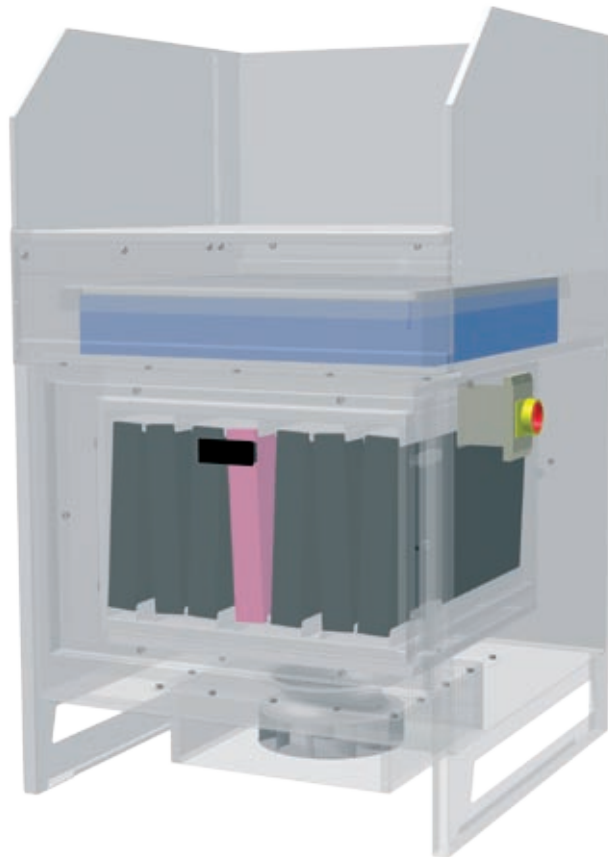
Pre-filter
 G4 Pleated pre filter to remove particulate



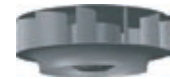
Carbon filter
 6 plastic refillable active carbon filter panels 562x302x50mm installed in a vee configuration



COLOURCELL® Filter
 1 plastic refillable active carbon filter panel including colour change media to provide a visual indication of filter life



Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



Fan
 250w high power backward curve centrifugal fan. Running current 1.0A 230v 50/60Hz 1pH

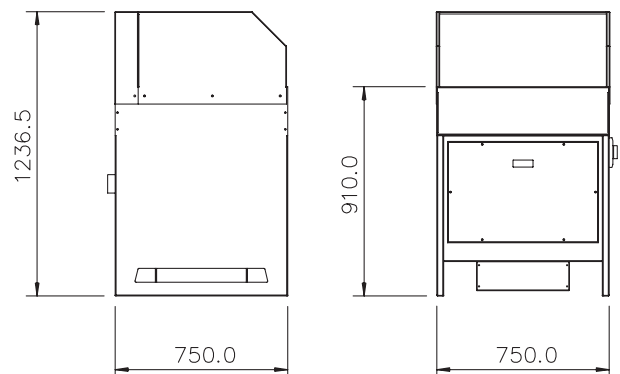
TECHNICAL DATA

Air Volume (max)	1450m ³ h (free blowing)
Velocity	0.7m/s (clean pre-filter)
Motor rating	0.17Kw
Current (max)	1.0A
Supply	230v 50/60Hz 1pH
Weight	120Kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards
- Bespoke sizes are available

DIMENSIONS



**MEDIA FILTER
MF12-15**



The acs MF12-15 is designed for free hanging applications.



FILTRATION

- Pre-filter - 100mm pleated filter (G4)
- Main filter - high efficiency multi-pocket filter bag (F8)

CONTROLS

A separate sealed compartment houses the on/off switch and control light

APPLICATIONS

- Weld fume from automatic/manual operations
- Diesel smoke
- Grinding dust
- Plastic dust
- Rubber dust
- Graphite dust
- Coolant mist/smoke
- Other airborne particulate

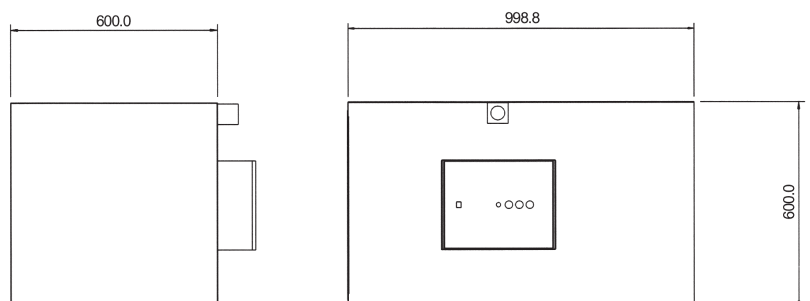
TECHNICAL DATA

Air Volume	2550m ³ /h
Motor rating	0.33Kw
Supply	230v 50/60Hz 1pH
Weight	75kg

FINISH

- RAL 7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**MEDIA FILTER
OMF1000**



MEDIA FILTER OMF1000

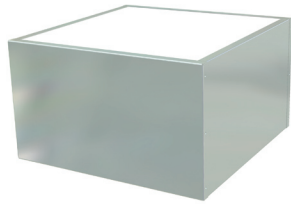
The acs OMF1000 is a free standing unit designed for direct attachment to most machines and machining centres.



Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



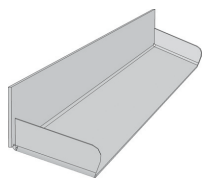
Filter Gauges
 Large face 0-1000Pa gauges complete with 'filter full' indicator



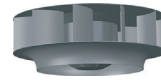
HEPA cartridge
 Designed to remove submicronic particulate with an efficiency of 99.9%



Pre-Filter
 High efficiency filter media construction for oil/coolant mist with 'non clogging' properties and long filter life (washable)



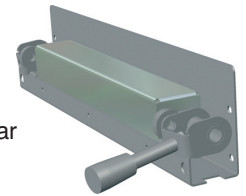
Deflector - door
 Door mounted deflector to ensure contaminant run-off returns to air cleaner sump



Fan
 500w high power backward curve centrifugal fan. Running current 0.8A - 1.6A (400/230v 50/60Hz 3pH)

Filter Clamp Mechanism

Spring loaded roller bearing filter clamp mechanism with tubular handles for securing filters



Deflector - inlet

Inlet deflector to remove large particulate and prevent swarf entering the pre-filter



Inlet spigot

150mm diameter spigot for galvanised or flexible duct work connections



Oil drain

20mm diameter drain connector to return collected condensate to machine tool sump or collection bin for disposal. Optional remote 38ltr sump tank and pump available

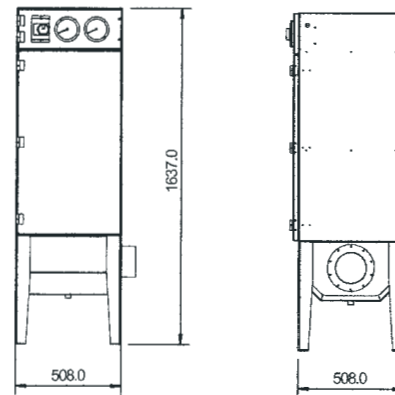
TECHNICAL DATA

Air Volume	600cfm/1000m ³ H
Motor rating	500w
Noise level	68dB (A)
Supply	400/230v 50/60Hz 3pH
Weight	120kg

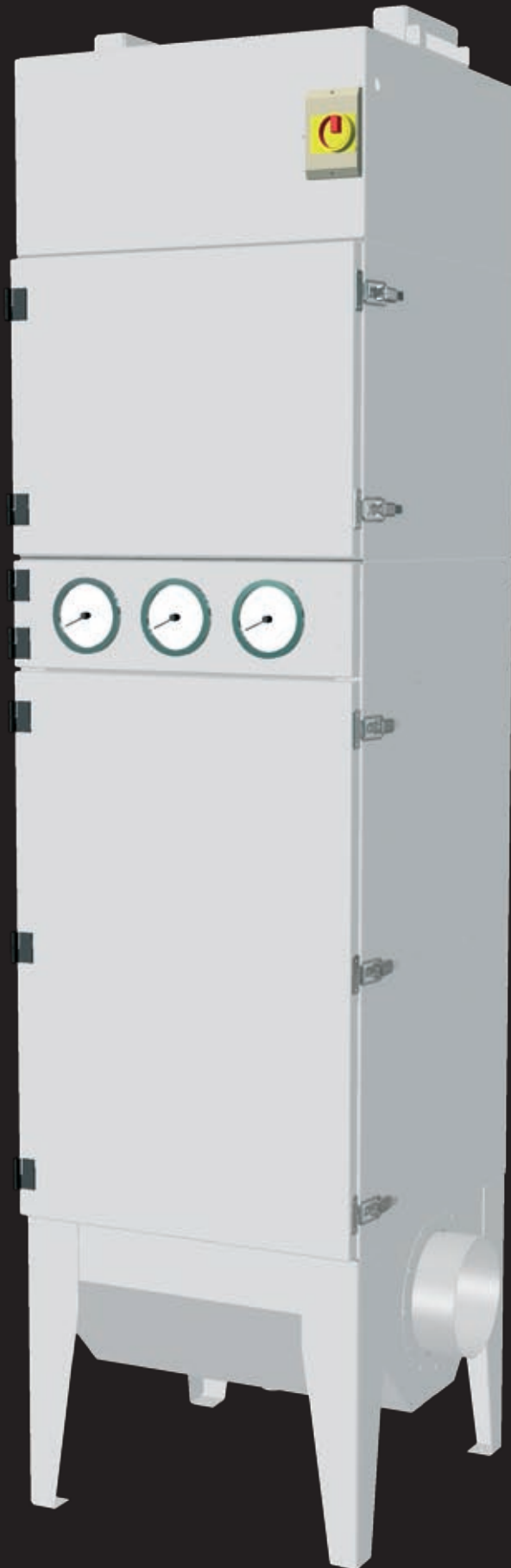
FINISH

- RAL7035
- Wide range of other colours available
- Built to CE Standards

DIMENSIONS



**MEDIA FILTER
OMF2500**

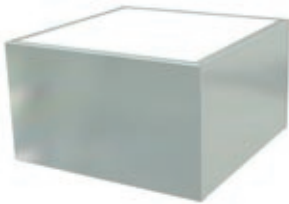




Manual Motor Starter
 Starter and overload combined in one switch for ease of wiring



Filter Gauges
 Large face 0-1000Pa gauges complete with 'filter full' indicator



HEPA cartridge
 Designed to remove submicronic particulate with an efficiency of 99.9%



Pre/secondary Filter
 High efficiency filter media construction for oil/coolant mist with 'non clogging' properties and long filter life (washable)



Deflector - door
 Door mounted deflector to ensure contaminant run-off returns to air cleaner sump



The acs OMF2500 is a free standing unit designed for direct attachment to most large machines and machining centres or multiple extraction from smaller machines.



Fan
 1.7Kw high power backward curve centrifugal fan.
 Running current 3.3A - 5.7A
 (400/230v 50/60Hz 3pH)

Filter Clamp Mechanism

Spring loaded roller bearing filter clamp mechanism with tubular handles for securing filters



Deflector - inlet

Inlet deflector to remove large particulate and prevent swarf entering the pre-filter



Inlet spigot

200mm diameter spigot for galvanised or flexible duct work connections



Oil drain

20mm diameter drain connector to return collected condensate to machine tool sump or collection bin for disposal. Optional remote 38ltr sump tank and pump available

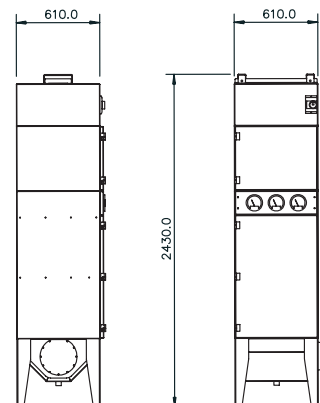
TECHNICAL DATA

Air Volume	1500cfm/2500m ³ H
Motor rating	1.7Kw
Noise level	72dB (A)
Supply	400/230v 50/60Hz 3pH
Weight	225kg

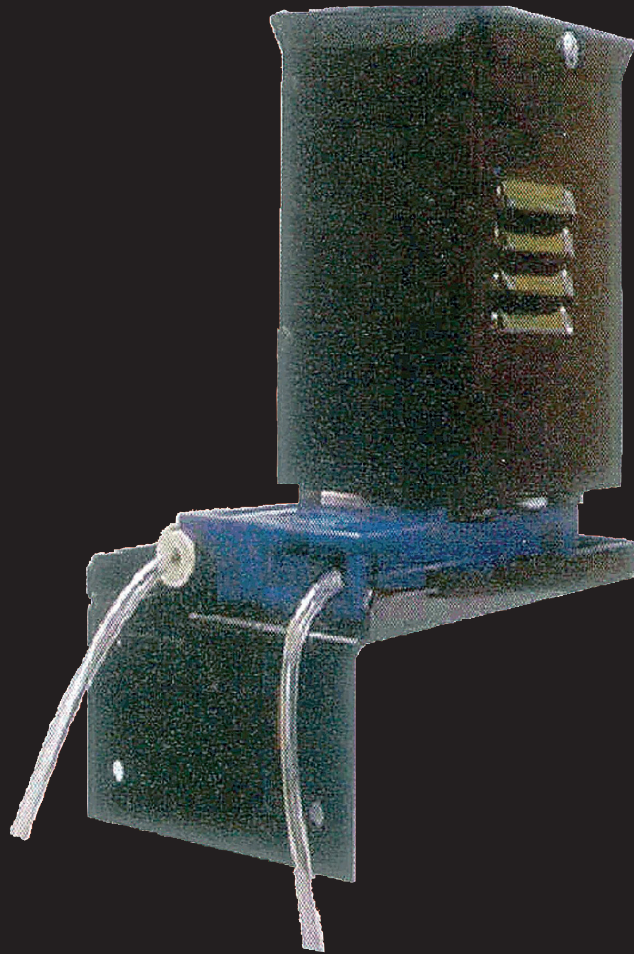
FINISH

- RAL7035
- Wide range of other colours available
- Built to CE Standards

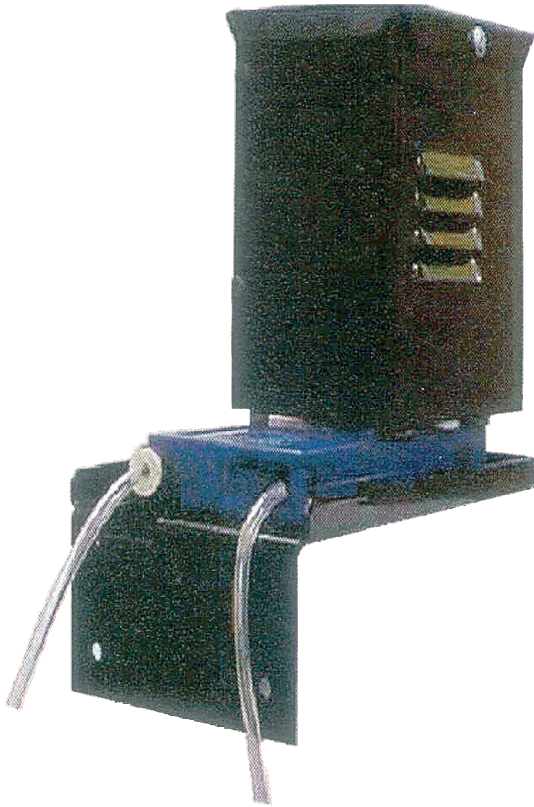
DIMENSIONS



ROPE SKIMMER



The acs Rope Skimmer eliminates tramp oils, extending tooling and coolant life. It requires a tank opening size 75mm x 15mm and prevents rancidity and other health related hazards.



SPECIFICATION

- Immersion depth 200mm to 1500mm
- Continuous duty fan cooled motor
- Ceramic scraper blade is outside the unit preventing clogging
- Large discharge chute for easy cleaning
- Rated at 1 litre / hour oil removal
- Max Temp 38C
- One year warranty on all parts

CONSTRUCTION

The acs Rope Skimmer can be installed in seconds and is capable of removing oil from underneath a chip conveyor. It can be fitted to a totally enclosed machine.

ACCESSORIES

1. Lockjaw
2. Diverter Separator Tank

TECHNICAL DATA

Supply 110v 1PH 50Hz 0.43A

FINISH

- Built to CE Standards

DIMENSIONS

