

CRAWLAIR O – OVERHEAD CARTRIDGE FILTER

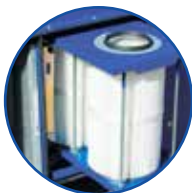
Crawlair Overhead cartridge filter is designed for dry air pollution control like fume or dust at various industrial processes (especially at welding, grinding, polishing, cutting of metals or plastics). Crawlair Overhead is equipped with metal mesh spark trap filter and two high efficiency (99% at 1µm) polyester filter cartridges which are washed with built-in manual (optional timer controlled) compressed air cartridge cleaning system (10 litre tank built-in). Oskar hanging fume arm models 1620, 1630 or Econ hose arms H1620, H1630 are recommended choice for Crawlair Overhead. As an option Crawlair O can be equipped with automatic start/stop function and LED light-kit for Oskar fume arm.

APPLICATION

- dry dusts or fumes capture and filtration especially at welding, grinding, cutting and many more processes (excluding corrosive, chemically aggressive and flammable gaseous mixtures)
- designed for continuous operation at heaviest and most demanding applications
- ideal for retrofitting and upgrading production equipment with small dimension dust and fumes collecting system

CONSTRUCTION

- aluminium impeller, 1,1 kW fan unit
- inlets from bottom, side and top
- two filtration stages
- built-in standard compressed air cartridge cleaning system
- 10 litre compressed air tank
- standard waste and dust drawers
- easy filter maintenance and exchange
- heavy duty welded and powder coated construction
- works with 160 fume arm models



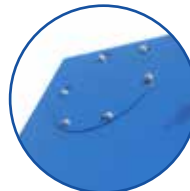
simple to maintain filter module



bottom inlet for duct, flex hose or fume arm



built-in compressed air cartridge cleaning system



additional side and top air inlets



aluminium radial impeller
1,1 kW fan unit

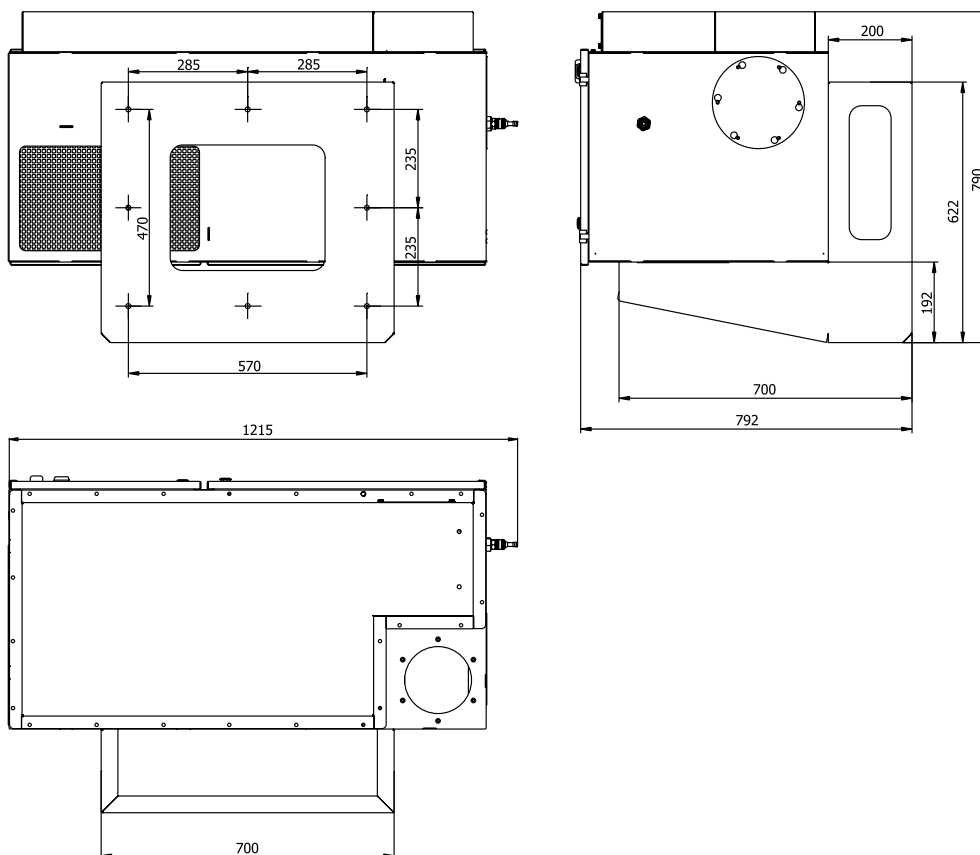
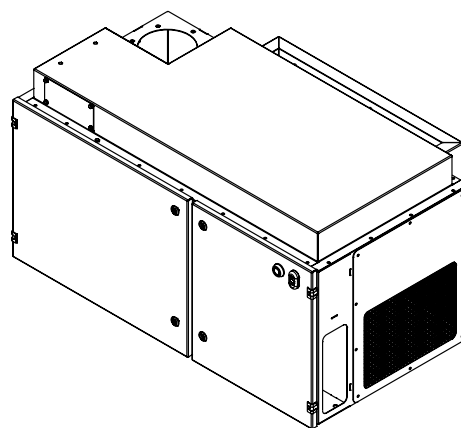


wall bracket

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TECHNICAL DATA

Airflow	1000 m ³ /h
Fan	1,1 kW
Fan rotation speed	2800 RPM
Standard power supply	3x 400 V +N+PE / 50 Hz, AC
Current Rating	2,7 A
Weight without arm	110 kg
Noise level	72 dB(A)
Filtration efficiency	99% @ 0,5 µm
Pre-filter	metal mesh
Main filter	2 x cartridge filter (12 m ²)



All diameters are given in mm

CRAWLAIR O – OVERHEAD FILTER UNIT

303101642 Mobile cartridge filter unit Crawlair for over head mounting, nominal airflow 1000 m³/h. Including metal mesh spark trap, 2 main polyester cartridges, motor 1,1 kW, 400 V, 50 Hz, 10 l compressed air tank, manual compressed air cleaning for main cartridge regeneration. Set of wall mounting brackets included.

CRAWLAIR O – ARMS AND OPTIONS

W02-01-1620	Oskar fume arm 1620, reach 2 m, hood inlet Ø315 mm
W02-01-1630	Oskar fume arm 1630, reach 3 m, hood inlet Ø315 mm
W02-HA-1620	Hose arm model HA1620, reach 2 m, hood inlet Ø315 mm
W02-HA-1630	Hose arm model HA1630, reach 3 m, hood inlet Ø315 mm
P02-80-0101	MOD-L - light kit option with transformer for one Oskar arm
P02-80-0102	MOD-A + ZAR-A - light kit and automatic (welding arc triggered) fan start/stop option for one Oskar arm
P02-80-0301	TC-1 - timer controlled compressed air cleaning operation
100 046	Set of Crawlair O wall brackets

CRAWLAIR O – SPARE PARTS

240006	Polyester cartridge
240007	Metal mesh spark trap