

FUME EXTRACTION EQUIPMENT

Mobile Single Arm 240 Volts



The KSJ-0.7S is an economical compact mobile single arm 240 volt (10amp) fume extraction unit capable of filtering an area of up to 8 square metres. The unit is constructed from high quality sheet metal and is easily manoeuvrable due to its 4 heavy duty lockable caster wheels. The machine is suited for the purification of fumes and dust generated by welding and grinding. The suction arm is easily rotatable 360 degrees and can be put in place by easily pulling the handle on the hood to the desired work area.

When in use the fumes and dust will be extracted into the hood and the first step is through the fire resistance net. This net intercepts and separates large particles and sparks caused by grinding and welding. The fume then enters the deflector which stops large sparks entering directly into the main filter. The final stage is when the fumes are passed through the third layer of the filter cartridge which optimises the fumes purification by greater than 99.8%. This filtering is critical because 98.9% of the contaminants generated are in the Nano particle range <400um and these alveolar particles can cause cancer.

Our filters have been independently tested to ISO:EN779:2012 and can remove greater than 99.8% of these Nano particles. The filtering process is high enough to meet indoor emission standards, the filtered air is discharged through the air vent at the bottom of the fume extractor.

The KSJ-0.7S is a compact unit and ideal for tight spaces. It measures 510mm x 610mm x 990mm and weighs only 98kg. The standard arm length is 2m. The machine features a compressed air inlet valve as well as a removable dust drawer for cleaning of the filter to prolong filter life.

Technical Data

Air Volume	2000 ± 100m ³ /h
Air Suction Arm	1000m ³ /h
Motor Power	0.75kW
Working Voltage	240V/50Hz 1 Phase
Filtering Area	8m ²
Cleaning Way	Semi-Automatic / Manual Cleaning
Maximum Pressure	1900Pa
Compressed Air	0.5 - 0.6MPa
Filtration Efficiency	>99.8%
Noise Level	<74 ± 5dB(A)
Dimension	510 x 610 x 999 mm
Weight	98 ± 5 Kg



Filter Cartridge
Part No: FILCART1

MACHINE PACKAGE: KSJ-07S

Standard option includes: Intelligent fume extractor, 1 x Suction arm, Air regulator.