

XCEL-ARC 3-PHASE FUME EXTRACTOR

Filtering Area of up to 10m²

Mobile Unit with Flexible Arm

Industrial Quality - 415V Three Phase

Overview

The KSZ-1.5S is a mobile single arm 415 volt fume extraction unit capable of filtering an area of up to 10 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 up to 99.9%. The filtering process is high enough to meet indoor emission standards and in doing so the unit may be discharged indoors through the air vent at the bottom of the fume extractor.

The KSZ-1.5S is a compact unit which measures 700mm x 800mm x 1600mm and weighs 210kg. The standard arm length is 3m long with an optional arm of 2, 3 or 4 metres. The machine is equipped with a light indicator on the control panel which indicates the condition of the filter. It can also be equipped with an automatic shutdown system for when the temperature becomes too hot; this is an added optional extra. This is an Intelligent model using a PLC automatic controller for easy operation; so that there is a more thoroughly clean filter surface which guarantees a constant air volume absorption the machine is self-cleaning with automatic reverse blowing, the filter rotates with full-automatic cleaning in all directions which allows the filter to be cleaned thoroughly.

Technical Data

Air Volume	3000 ± 100m ³ /h
Air Suction Arm	1500m ³ /h
Motor Power	1.5kW
Working Voltage	415V/50Hz 3 Phase
Filtering Area	10m ²
Cleaning Action	Automatic Reverse Blowing
Maximum Pressure	2800Pa
Compressed Air	0.5 - 0.6MPa
Filtration Efficiency	>99.8%
Noise Level	<72 ± 5dB(A)
Dimension	700 x 800 x 1600 mm
Weight	210 ± 5 kg



Product Code: KSZ-1.5S

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