

## FUME EXTRACTION EQUIPMENT

Mobile Unit - Single Flexible Arm - 230V

# XCEL-ARC SINGLE PHASE FUME EXTRACTOR

Filtering Area of 8m<sup>3</sup>

Mobile Unit with Flexible Arm

Industrial Quality - 230V Single Phase

### Overview

The KSJ-0.7S is a mobile single arm 240 volt fume extraction unit capable of filtering an area of up to 8 cubic 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 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 long with an optional arm of 3 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.

### Technical Data

|                       |                              |
|-----------------------|------------------------------|
| Air Volume            | 2,000 ± 100m <sup>3</sup> /h |
| Air Suction Arm       | 1,000m <sup>3</sup> /h       |
| Motor Power           | 0.75kw                       |
| Working Voltage       | 230V/50Hz 1 Phase            |
| Filtering Area        | 8m <sup>3</sup>              |
| Cleaning Action       | Semi Auto / Manual           |
| Maximum Pressure      | 1900Pa                       |
| Compressed Air        | 0.5-0.6MPa                   |
| Filtration Efficiency | >99.9%                       |
| Noise Level           | <74 ± 5 dB(A)                |
| Dimensions            | 510x610x999mm                |
| Weight                | 98 ± 5Kg                     |



### Product Code: KSJ-0.7S

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