



Mini Mobile Filtration Unit - 950 l/sec @ 900 Pascal

Mobile & Modular Air Filtration Units (MMFU's) are primarily designed for the evacuation of contaminated air during the operation or decommissioning of radioactive or otherwise contaminated facilities.

MMFU's are designed to provide high levels of performance and reliability and meet the requirements of the UK nuclear industries & UK & European legislation.

Performance:

The MMFU is provided with a single stage axial flow fan which is designed to provide a maximum operational duty of 950 l/sec against a total pressure of up to 900 Pascal

The MMFU is provided with an ABB variable speed drive to allow the desired flow rate to be achieved and maintained during filter dirtying.

Electrical supply:

A 3 pin 240/1/50Hz or 5 pin 415/3/50Hz electrical supply can be specified when ordering.

Nominal size & weight:

815mm wide x 1100mm deep x 1650mm high
@ 200 kg inclusive of filter insert.

Connections:

Inlet connection 300 to 500mm NB plain spigot or flanged (customer specified)

Outlet connection 500mm NB flanged (fitted with wire guard)

Quality Control:

All M.C. Air Filtration Mobile Filtration Units are manufactured and tested under strict quality controlled conditions in accordance with our BS EN ISO 9001:2008 accreditation.

Each MMFU will be individually factory tested to ensure it fulfils the specific contract requirements.

Data sheet: 34.23-0313



The 950l/sec MMFU comprises of the following primary components: -

Rear inlet - top outlet bag change filter housing in accordance with AESS 72001 & NF0153/1

Single Stage axial flow fan with galvanised steel case, aluminium impellor and 3.0Kw motor.

Control panel incorporating an ABB variable speed drive with panel mounted keypad controller and display, RCB, E-stop and high DP alarm

Dwyer 0-1000 Pascal differential pressure gauge.

Box section support trolley with lifting eyes & 4 off lockable castor wheels.

Primary finish decontaminable white epoxy coat

Each MMFU is supplied complete with the requisite 950l/sec Radial Flow Plug-in HEPA filter insert & PVC change bag