

SA CYCLONE®

FILTRATION UNIT SAFU



CREATE CLEAN, BREATHABLE AIR

The SA CYCLONE Filtration Unit is a versatile portable unit that allows you to filter extracted air in multiple different applications. It is simply connected inline with flexible ducting and an air mover and as the air moves through it removes particles, odours and/or dust as relevant, expelling clean air from the output.

The unit is also suitable for use in Hazardous Areas Zones 1 and 2 as it has undergone an ignition hazard assessment. It is fully compatible with the SA CYCLONE Air Mover and Anti Static Ducting, meaning a complete temporary ventilation and filtration system can be created using the different elements.

The unit is completely modular and is provided with filters for your application. Other filters can also be provided so you can configure your unit for the specific task you are undertaking. Filter units can be provided for hot work, paint or dust scenarios, and there is also a certified HEPA version which will remove potential bacteria and viruses from the air.

The unit is fitted with duct connectors and can be used either with 30cm or 40cm flexible ducting.



BENEFITS

- Suitable for Hazardous Areas Zones 1 and 2
- Completely modular and configurable
- Highly mobile and compact
- Wheels for easy manoeuvring
- Heavy duty construction
- Configurable for use with 30cm and 40cm ducting
- Compatible with SA CYCLONE Air Mover
- Compatible with SA CYCLONE Anti-static Ducting
- Fully weatherproof and suitable for extreme environments

CORE PRODUCT INFORMATION

SA CYCLONE FILTRATION UNIT c/w 30cm duct adaptors

With Welding Filter Set

Order Code: SAFU/30-WD

With Dust Filter Set

Order Code: SAFU/30-DU

With Paint Filter Set

Order Code: SAFU/30-PT

With HEPA/Bacterial Filter Set

Order Code: SAFU/30-HP

SA CYCLONE FILTRATION UNIT c/w 40cm duct connectors

With Welding Filter Set

Order Code: SAFU/40-WD

With Dust Filter Set

Order Code: SAFU/40-DU

With Paint Filter Set

Order Code: SAFU/40-PT

With HEPA/Bacterial Filter Set

Order Code: SAFU/40-HP

Optional Airflow Indicator to show when filters need cleaning or changing
Please add../FI to the Product Code

SPECIFICATIONS

CONSTRUCTION

High quality stainless steel with polymer duct connector

DESIGN

Hinged lid with safety stays allowing easy access, heavy duty swivel wheels for mobility

FILTER SYSTEM

Welding ATEX G4 Pre Filter
Activated Carbon Filters

Dust ATEX G4 Pre Filter
Particulate Filter

Paint ATEX G4 Pre Filter
Particulate Filter
Activated Carbon Filters

HEPA ATEX G4 Pre Filter
H14 HEPA Filter

FILTER SIZE

592mm x 592mm

DUCTING ATTACHMENT

Can be configured to suit 30cm or 40cm Ducting

FREE AIRFLOW

2500m³/hr, pressure drop 340pa (with 30cm Connectors)

FREE AIRFLOW

2500m³/hr, pressure drop 300pa (with 40cm Connectors)

DIMENSIONS

970mm (l) x 665mm (w)
x 740mm (h)

WEIGHT

Without Filters 50kg
With Filters (including Carbon)
100kg



AIR