

Reduce machine operator exposure to harmful respirable dust, toxins, odours, and gases.

Protect Heavy Mobile Equipment Operators in High-debris Work Environments, Including:

- Mining
- Demolition
- Construction
- Quarries/aggregate
- Concrete processing
- Waste and recycling, landfills, and transfer stations
- Agricultural and harvesting
- Forestry and timber
- Other high-debris job sites



Control These Threats With a RESPA® Cab Air-Quality System

- Patented, powered technology integrates pre-cleaner, pressuriser, and high-efficiency filtration into a single, compact system.
- Meet exposure reduction goals and health and safety initiatives, reduce exposure to harmful respirable particulate, odours, toxins, and gases with interchangeable filter offerings.
- High-efficiency filtration arrests microscopic particles, extending HVAC system maintenance intervals and filter life, reducing downtime, and increasing productivity.
- Achieve ISO 23875 Cab Air-Quality Standard compliance.

INTERCHANGEABLE FILTER OPTIONS TO SUIT YOUR JOB SITE

PARTICULATE:

- HEPA
- EPA
- MERV 16

GAS + PARTICULATE:

- ODOUR
- ABEK GAS
- AMMONIA

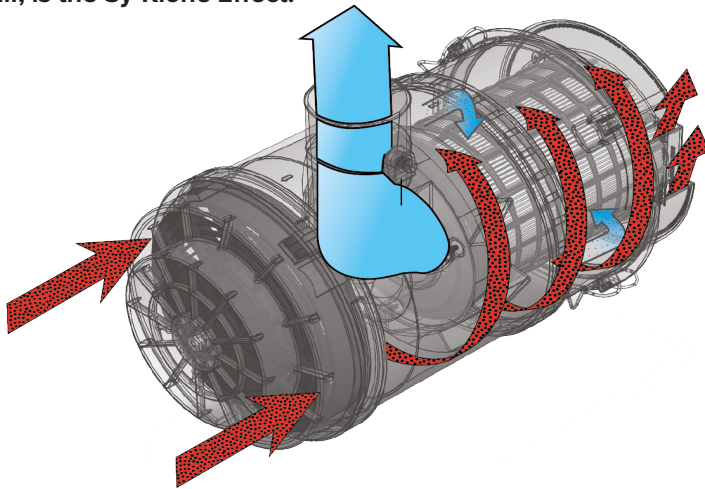


RESPA® CF2

How it Works: The “Sy-Klone Effect”

1. Dirty air enters the pre-cleaner housing through the inlet end.
2. The debris-laden air is directed into a rotation – a “Sy-Klone” pushing the debris to the outside walls through centrifugal force. The debris rotates towards the outlet end.
3. Debris is ejected through the ejection port, and the fine dust that remains passes through Sy-Klone’s self-cleaning filter.
4. After passing through the high-efficiency filter, clean air is passed downstream to the HVAC system through the outlet end.

The separation and ejection of debris, and high-efficiency filtering, all of which pre-cleans air, is the Sy-Klone Effect.



Product Specifications:

Airflow range: Ideal operation range: 0 CFM to 130 CFM (0 m³/min to 3.68 m³/min)
Extended operation range: up to 250 CFM (7.08 m³/min)

Motor/Voltage: Compact Brushed Motor and Brushless Motor options, both in 12 V or 24 V

Mounting: Horizontal or Vertical with rain cap end up (Mounting plates available separately)

Standard-length, compact motor, 3-inch outlet product dimensions and weight with rain cap: 479 (h) x 254 (w) x 286 (l) mm, 4.8 kg

Extended-length, compact motor, 3-inch outlet product dimensions and weight with rain cap: 606 (h) x 254 (w) x 286 (l) mm, 6.4 kg



AutoTech | RiskTech | ManTech | ServTech | FleetTech | EngTech

Eastern Cape - Port Elizabeth:
T: +27 (0)82 450 6596

Free State - Bloemfontein:
T: +27 (0)63 257 0505

Gauteng - Bedfordview (FleetTech):
T: +27 (0)10 329 0932

Gauteng - Jet Park (HQ):
T: +27 (0)11 823 5650

KwaZulu Natal - Pinetown:
T: +27 (0)31 303 4129

Mpumalanga - Middelburg:
T: +27 (0)13 692 8132

Northern Cape - Kathu:
T: +27 (0)53 723 3415

North West - Rustenburg:
T: +27 (0)14 596 5257

Western Cape - Cape Town:
T: +27 (0)21 945 1453

Botswana, Gaborone:
T: +267 399 4150

Mozambique, Tete:
T: +258 252 20666

Zambia, Kitwe:
T: +26 (0)21 222 5338

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trading@trysome.co.za • www.trysome.co.za • P.O. Box 13677, Witfield 1467

This product may not be a stock item. Please speak to our sales representative about lead times. Lead times, price, and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.