



## SAVIOUR 3 STAGE COALESCING FILTER MANIFOLD

Model No.: RPSAV-CFM3

## Saviour 3 Stage Coalescing Filter Manifold

Respiratory Protection when provided reduces worker's exposure to respiratory hazards, such as fumes, mists, gases, vapors, or harmful dusts. Respiratory protection is also needed to protect workers against oxygen-deficient atmospheres. Using respiratory protection in the workplace is beneficial as it increases productivity and growth. Many a times the air inputs are required on continuous basis for which compressed air is passed to the persons using breathing air devices. This air has to be maintained free of Dust, Moisture and oil etc. 'Saviour' range of Respiratory Protection devices are comfortable cost effective and provide complete protection to the user.



### TECHNICAL SPECIFICATIONS

Purpose	Most preferred filtration solution for breathing airline systems in the industry.	Safety Feature	Pressure Release Valve (PRV) activates if system pressure exceeds set value.
Filtration System Type	Multi-stage coalescing filter manifold.	PRV Set Pressure	4.5 kg/cm <sup>2</sup> .
Stage 1 Filter	Brass sintered pre-filter; removes oil and mist particles.	Construction	Robust body with high-strength materials.
Stage 2 Filter	Polypropylene (PP) micro-filter; part of coalescer assembly.	Quick Release Couplings (QRC)	2 units, made of SS304 with neoprene O-rings; working pressure 16 kg/cm <sup>2</sup> ; positive locking to prevent accidental disconnection.
Coalescing Efficiency	Up to 99.9% retention efficiency for 0.3-micron particles and droplets.	Function of QRC	Serve as outlets for breathing hoses.
Stage 3 Filter	Special activated charcoal filter for odour removal.	User Guidance	Installation instruction plate provided for safety.
Regulation & Monitoring	Equipped with a regulator valve and pressure gauge for flow and pressure control/measurement.	Installation	Easy to install; essential component for safe breathing air setup.

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DISCLAIMER: Manufacturer will not be responsible for any mishandling and wrong usage of the product shown picture is just for representative purposes only, actual product may differ.

## ADVANCE FEATURES

- Fine mesh High efficiency coalescing Filters remove both Dust , Moisture and oil particles during Process.
- Safety Valve provides extra Safety in case of excess pressure build up in the system.
- Multiple use Ports form one system.
- QRC connections for faster and secured operations.
- Pressure regulator for Flow management.
- Pressure Gauge for easy reading and safety of the system.
- PRV ensures Safety of the pressure in case the pressure exceeds the desired set limits.

## APPLICATIONS

- All Industries incorporating Breathing Air for process applications.
- Municipal corporations.
- Confined Space Applications

## CERTIFICATION

- Manufacturer's Test Certificate.
- Filtration certificate – Pre Filter- MPIF-39-68.
- Final Filter-DIN-24 18