



SAVIUR '3 Stage' Coalescing Filter Manifold



General Description:

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.

MODEL NO: RPSAV-CFM3

Specifications

'Saviour' Coalescing Filter Manifold is the most preferred filtration solution for breathing airline systems in the Industry. It is made of coalescing filter system where the pre filter that is first filter is made of brass sintered filter which filters oil and mixture mist particles.

The second filter is made of PP and is a micro filter. The coalescer assembly removes these contaminants at a very high retention efficiency of up to 99.9% and grade efficient for 0.3-micron size of particles and droplets.

The Third stage filter is with special activated charcoal for removal of odour.

It is attached to a regulator valve and a pressure gauge for flow and pressure control and measurement followed by a pressure Release Valve (PRV) for safety of the user as it operates immediately as soon as the system exceeds the set pressure. The set pressure of PRV is 4.5 Kg/cm². It is robust in construction having two numbers of quick release couplings made of SS304 with neoprene 'O' rings and working pressure of 16 Kg/cm². The Quick Release Couplings are of positive locking so that they don't open by accidental pulling. These QRC are outlets of breathing hoses. Installation instruction plate for the benefit of the user is provided on the system for safety.

This easy to install manifold is a must before you start breathing air.

Applications

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

Advantage

- ◆ 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.

Certification

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