



Performing PPE



SAVIOR BREATHING AIR FILTER UNIT

Model No.: RPSAV-CFM3

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Complete Safety Solutions

Saviour Breathing Air Filter Unit

The 'Saviour' Breathing Air Filter Unit is a vital device that improves the quality of breathing air from compressors. It filters out harmful substances, particles, and allergens from the air system, providing clean and fresh breathing air.

The 'Saviour' Breathing Air Filter Unit works with supplied air and is specially made for industrial sites where workers may be exposed to dangerous air pollutants. It protects the workers' respiratory health and well-being by reducing the exposure to hazardous substances. The unit helps to create a safer and healthier work environment in all industrial settings.

TECHNICAL SPECIFICATIONS



Coalescing Filter: This filter, made of borosilicate glass with PP support, effectively removes dust particulates up to 1 Micron, including water, oil up to <math><0.1\text{ ppm}</math>.

Activated Charcoal Filter: Efficiently eliminating oil vapors and odors, this filter achieves an impressive level of 0.003 ppm.

Differential Pressure Gauge: Fitted with colored bands for quick identification of pressure drop, facilitating easy monitoring of the filter element's status. A green color indicates a clean filter, yellow indicates halfway dirty, and red indicates the need for draining.

Air Pressure Regulator Valve: Integrated with a reliable pressure regulator to control air pressure, ensures it reaches a safe level for breathing.

Pressure Relief Valve: To enhance safety, a pressure relief valve, set at 5 kg/cm², is provided to prevent overpressure events.

Low-Pressure Adjustable Whistle: As a crucial safety feature, the system incorporates an adjustable low-pressure whistle to alert users in case of low pressure in the line.

Quick Release Coupling (QRC): The system is equipped with two QRCs, allowing two users to operate the system simultaneously.

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ADVANTAGES

Protection against airborne contaminants: Air filter units are designed to remove various particles, pollutants, and contaminants from the air. This includes dust, allergens, pollutants, microorganisms, and sometimes even gases and vapors. Using such a unit can help prevent respiratory issues and allergies caused by these contaminants.

Occupational safety: In certain work environments, such as construction sites, manufacturing facilities, or laboratories, workers may be exposed to harmful substances in the air. A saviour breathing air filter unit can provide an extra layer of protection, reducing the risk of inhaling harmful particles or chemicals.

Respiratory health: Breathing clean air is essential for maintaining good respiratory health. Using a filter unit can help individuals with respiratory conditions breathe more comfortably.

Comfort and well-being: In areas with poor air quality, individuals may experience discomfort and irritation. A Saviour breathing air filter unit can improve the overall comfort and well-being of individuals by providing a cleaner and healthier breathing environment.

Emergency situations: During emergencies such as fires, chemical spills, or other hazardous events, a saviour breathing air filter unit can be crucial for providing individuals with a means of breathing clean air when the surrounding air is compromised.

APPLICATIONS

All Industries Incorporating Breathing Air	
Municipal Corporation	Mining Industry
Construction Sites	Confined space application

CERTIFICATIONS

Manufacturer's Test Certificate.
CLI tested for IS 9623:2008 Annex A

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