



SAVIOUR SINGLE AIR FILTER

Model No.: RPSAV-CFM1

Saviour Single Air Filter

Saviour Single Air Filter is an advanced filtration device designed to effectively remove dust particles and mist with a particle size of up to 25 microns from the air. It is primarily intended for breathing applications, ensuring clean and purified air for respiratory purposes



TECHNICAL SPECIFICATIONS	
Material	Pure Sintered Bronze
Filtration Efficiency	<ul style="list-style-type: none">Up to 25 microns
Maximum Pressure	<ul style="list-style-type: none">250 PSIG
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Maximum Temperature	50°C
Bowl Capacity	230 ML
Materials of Construction	<ul style="list-style-type: none">Body: Zinc alloyBowl: PolycarbonateParts: DelrinSeal Gaskets: Buna
Mounting	<ul style="list-style-type: none">One pair of Mounting Brackets supplied free with the filter
Structure	<ul style="list-style-type: none">Self-supporting and self-gasketing

Filter Media	Approximately 95% void volume and 5% fiber volume, resulting in low pressure drop and high dirt retention capacity
Pressure Release Valve (PRV)	Ensures user safety by immediately releasing pressure if it exceeds the set limit of 4.5 Kg/cm2.
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Robust Construction	Made with durable materials and featuring two quick-release couplings made of SS304 with neoprene o rings, capable of withstanding a working pressure of 16 kg/cm2.

Quick Release Couplings (QRC)	Positive locking QRCs ensure fast and secure operations, serving as outlets for breathing hoses.
Installation Instruction Plate	<ul style="list-style-type: none"> • Provided for easy installation, ensuring proper setup before use.
Safety Valve	<ul style="list-style-type: none"> • Provides additional safety • in case of excess pressure • buildup in the system.

APPLICATION

- Residential settings
- Offices and workplaces
- Healthcare facilities
- Laboratories
- Educational institutions
- Hospitality industry
- Any indoor environment where clean air is essential for breathing

CERTIFICATION

- Manufacturer's Test Certificate

RECOMMENDED ACCESSORIES



Anti- kinking Hoses
Available in 10m, 20m, 30m, 40m

KEYHIGHLIGHTS

1. **Pure Sintered Bronze Construction:** The cartridge is manufactured using high-quality sintered bronze material, ensuring durability, longevity, and excellent filtration efficiency.
2. **High Filtration Efficiency:** Engineered to capture and retain dust particles and mist with a particle size of up to 25 microns, providing clean and breathable air.
3. **Compact Design:** The compact size of the cartridge allows for easy installation and integration into various air filtration systems.
4. **Low Pressure Drop:** The cartridge is designed to offer minimal resistance to airflow, ensuring optimum performance without impeding air circulation.
5. **Versatile Applications:** Suitable for a wide range of breathing applications where clean air is essential, including medical facilities, cleanrooms, laboratories, and industrial environments.
6. **Easy Maintenance:** The cartridge is designed for easy maintenance and replacement, ensuring hassle-free operation and minimal downtime.