

PREVENT SERVER
FAILURE

Ensure Uptime



BryShield[®] 
Prevent Electronic Corrosion



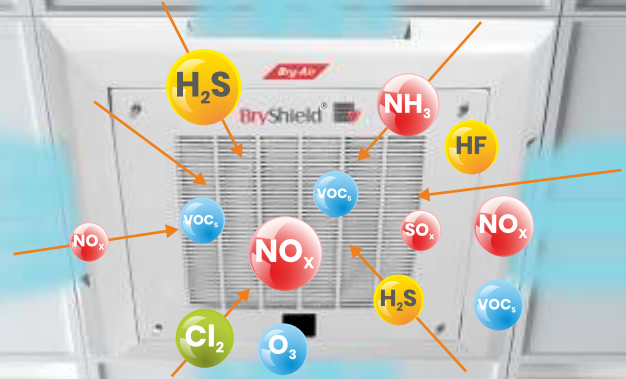
www.bryair.com

Ideal for Small Server Rooms

BryShield

BryShield is designed to shield electronic equipment from corrosive gases. It effectively removes particulates and gaseous contaminants from confined spaces. It is meant for a small server rooms or control rooms in hospitals, critical facilities such as IVF Centers, restaurants, smoking lounges etc., where the indoor environment is affected by various pollutants. It helps meet ISA 71.04-2013 standard in data centres.

Clean Pollutant free air



ADVANTAGES

- Prevents short circuits
- Slows down deterioration of circuit lines and connectors
- Prevents Creep Corrosion

REMOVES CONTAMINATION

Corrosive gases emerging from nearby industrial areas, landfill sites and open drains:



Facebook outage in 2021 caused \$160 million loss

75%

of micro electronic failure are caused due to corrosion

Server and control rooms are under serious threat due to the airborne molecular contamination. The presence of airborne molecular contamination in the form of corrosive gases corrodes the electronic circuits and adversely affects the operations and longevity of sensitive and expensive electronic equipment.

Features



Ceiling Mounted



Compact and Lightweight



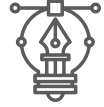
Energy Efficient



No Noise Pollution



Remote Controlled



Aesthetically Designed

How it Works

As explained in the diagram, at stage I, the contaminant laden air enters through bottom grill and is pre-filtered from larger particulates. It is then passed through the multiple beds of DRISORB™ chemical filters. The corrosive gasses are captured and neutralised in the filter through adsorption and chemisorption. At stage II & III, air is filtered again to remove sub-micron particulates. Eventually, the clean air is released from the sides.

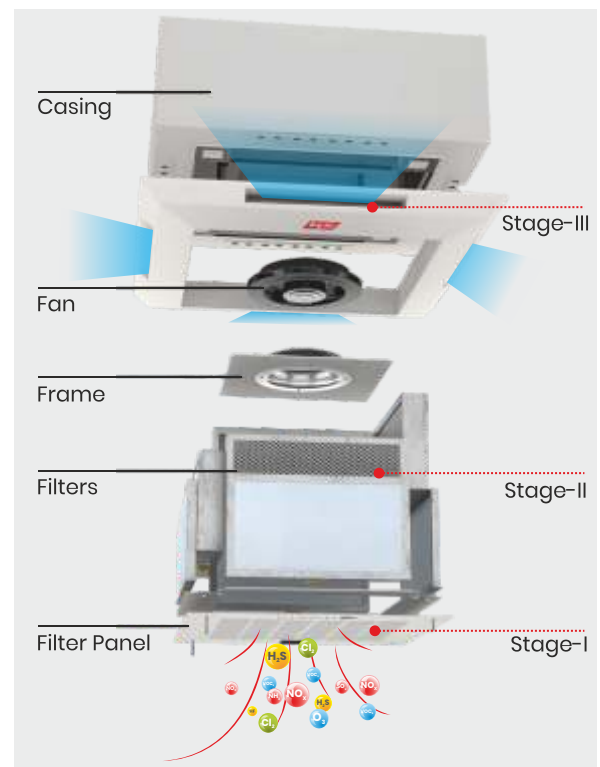


Honeycomb Chemical Filter - DRISORB™ series



DRISORB™ - HONEYCOMB CHEMICAL FILTER

- KMnO_4 & other impregnates to target various gases
- Stainless steel filter cassettes
- As per ANSI/ASHRAE 145.1-2015, ANSI/ASHRAE 145.2-2016 and ISO 11155-2 standards



EASY FILTER REPLACEMENT



For any media replacement query, write to us at:
gpfmedia@pahwa.com

Technical Specifications

MODEL	AIR FLOW		ESP (Pa)	MOTOR KW	POWER REQUIRED VAC/Ø/Hz	TOTAL WEIGHT (Kg)
	CMH	CFM				
BryShield-100	170	100	100	0.19	230/1/50/60	20
BryShield-250	425	250	100	0.21	230/1/50/60	30

Application Areas

Small server rooms and electronic equipment rooms in:

- Banks and Financial organisations
- IT Companies
- Media & Broadcasting Companies
- Telecom Sites - BSC/BTS Sites, Network Room
- Healthcare - MRI Rooms, CT Scan Room, IVF Facilities
- Industries - R&D, UPS, PLC Room

Gas Phase Filtration Range



Leaders in Dehumidification... Worldwide

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