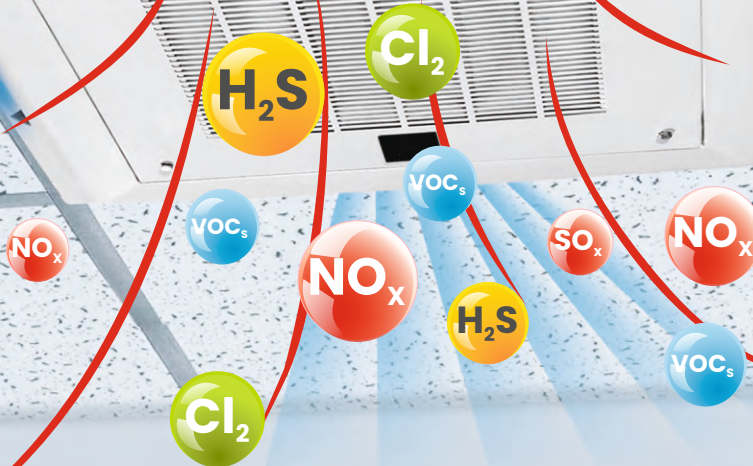
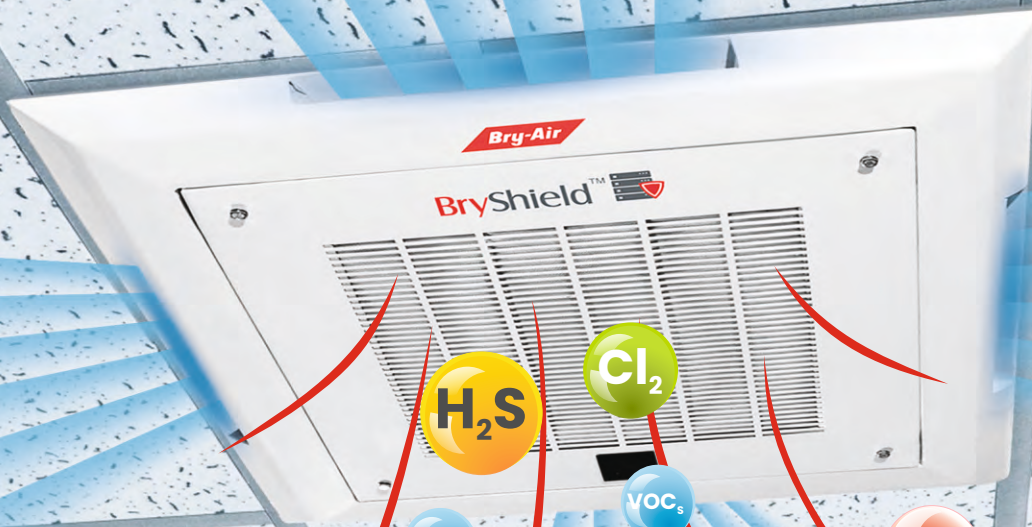


Bry-Air®



PREVENT SERVER
FAILURE

Ensure Uptime



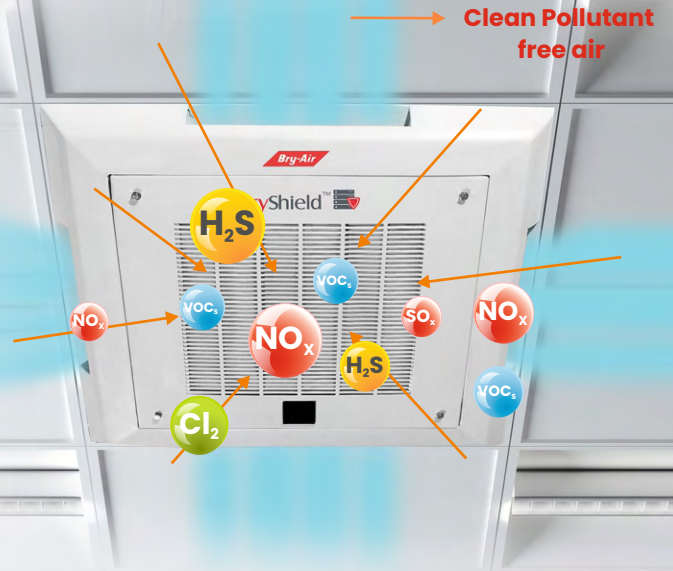
BryShield™ 
Prevent Electronic Corrosion

Ideal for small Server Rooms

www.bryair.com

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, restaurants, smoking lounges etc., where indoor environment is affected due to various pollutants. It helps meet ISA71.04-2013 standard in data centres.



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 drain



Facebook outage
in 2021 caused \$160
million loss

75%

Of micro-electronic failure
are caused because
due to corrosion

Server rooms, 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 Light Weight



Energy Efficient



No noise pollution



Remote Controlled



Aesthetically Designed

How Does it works

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



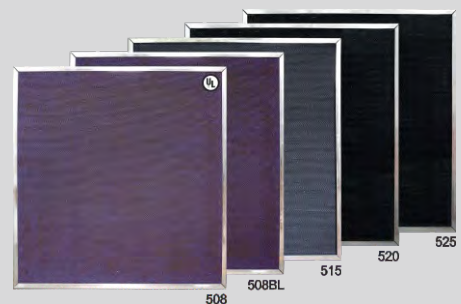
Honeycomb Chemical Filter - DRISORB™ series



DRISORB™ - HONEYCOMB CHEMICAL FILTER

- KMnO_4 & other impregnates to cater to various gases
- Stainless steel filter cassettes
- As per ASHRAE 145.2 and ISO 1155-2 standards

EASY FILTER REPLACEMENT



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
- Telecom Sites – BSC/BTS Sites, Network Room
- IT Companies
- Healthcare – MRI Rooms / CT Scan Room
- Media & Broadcasting Companies
- Industries – R&D, UPS, PLC Room

Our Gas Phase Filtration Systems Range



Leaders in Dehumidification... Worldwide

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