








Honeycomb Chemical Filter

DRISORB™ Series

for Gas Phase Filtration Systems

Bry-Air's new macro porous desiccant/s honeycomb matrix based chemical filter provides largest amount of impregnant for chemisorption and can neutralize even ultra low concentration of gaseous contaminants. These honeycomb chemical filter remove contaminants from air supply stream, comprising of gases, odor elements or volatile organic compounds more efficiently and effectively.

				
<p>DRISORB™ 508</p> <p>An UL certified, 'in-situ' synthesized, macroporous desiccant honeycomb matrix based chemical filter impregnated with Potassium Permanganate (KMnO₄) for effective removal of various contaminants</p>	<p>DRISORB™ 508 Blend</p> <p>An 'in-situ' synthesized/ deposited desiccant (insoluble metal silicate and activated carbon) honeycomb matrix based chemical filter impregnated with Potassium Permanganate (KMnO₄) for effective removal of various contaminants</p>	<p>DRISORB™ 515</p> <p>An 'in-situ' synthesized/ deposited desiccant (insoluble metal silicate and activated carbon) honeycomb matrix impregnated with Potassium Hydroxide (KOH)</p>	<p>DRISORB™ 520</p> <p>An 'in-situ' synthesized/ deposited desiccant (insoluble metal silicate and activated carbon) honeycomb matrix for effective removal of VOCs</p>	<p>DRISORB™ 525</p> <p>An 'in-situ' synthesized/ deposited desiccant (insoluble metal silicate and activated carbon) honeycomb matrix impregnated with Phosphoric Acid (H₃PO₄)</p>

DRISORB™ Series Technical Specifications[#]

Parameters	DRISORB™ 508	DRISORB™ 508 Blend	DRISORB™ 515	DRISORB™ 520	DRISORB™ 525
Bulk Density	0.4 - 0.5 g/cc	0.4 - 0.5 g/cc	0.3 - 0.4 g/cc	0.3 - 0.4 g/cc	0.3 - 0.4 g/cc
Moisture Content	20% -25%	20% -25%	20% -25%	2% max	20% -25%
Shape & Size	Honeycomb and customised	Honeycomb and customised	Honeycomb and customised	Honeycomb and customised	Honeycomb and customised
Suitable for (gases)	H ₂ S,SO ₂ ,NO _x ,HCHO	H ₂ S,SO ₂ ,NO _x ,VOCs	H ₂ S,SO ₂ ,Cl ₂	VOCs	NH ₃
Temperature	-20 to 50 °C	-20 to 50 °C	-20 to 50 °C	-20 to 50 °C	-20 to 50 °C
% RH	10% - 95%	10% - 95%	10% - 95%	10% - 95%	10% - 95%
Testing Procedure	STP	STP	STP	STP	STP
Impregnation	>15%	6% - 8%	5% - 6%	—	8% - 10%
Impregnant	KMnO ₄	KMnO ₄	KOH	—	H ₃ PO ₄

All data subject to change without notice

STP : Standard Test Procedure

Country wide service network with 10 offices across India for immediate reach

Backed by
BRYCARE™ SERVICE

Advantages of DRISORB™ Series

- Honeycomb Monolith Media Available in 1" to 12" Depths in Standard and Custom Filter Sizes
- Tested by Most Respectable RTI Lab of USA
- Longer Life (Higher MTBR)
- Tested in Accordance to ASHRAE 145.2P and ISO 11155-2
- Very High Capacity
- Very Low Pressure Drop
- Available in Combination with Various Impregnants
- Backed by Bry-Air's Cutting Edge State-of-the-Art R&D and Testing Facilities

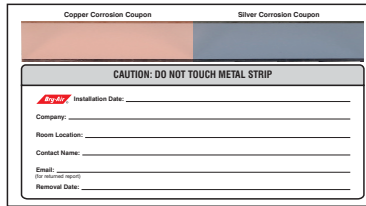
Usage Across Diversified Industries

- Paper and Pulp
- Petrochemical Refineries
- Waste Water Treatment
- Data Centers and Mission Critical Facilities
- Server Rooms
- Research Labs
- Electronic and Semi Conductor Manufacturing
- Food Processing
- Fertilizer

Air Quality Assessments



Atmospheric Corrosivity Monitor (ACM)
For realtime, direct, quantitative measure of the overall corrosion potential of an environment



Corrosion Monitoring Services
For direct, quantitative measure of the overall corrosion potential of an environment



Asia's 1st Gas Phase Filtration Test Lab
Chemical Media Residual Life Testing facility

DRISORB™ Series Gas Removal Capabilities

DRISORB™	SO _x	NO _x	H ₂ S	Cl ₂	NH ₃	HF	O ₃	VOCs
508	✓	✓	✓					
508 Blend	✓	✓	✓			✓	✓	✓
515	✓		✓	✓				
520								✓
525					✓			



Leaders in Dehumidification... Worldwide

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