



GIEBEL

FilTec GmbH

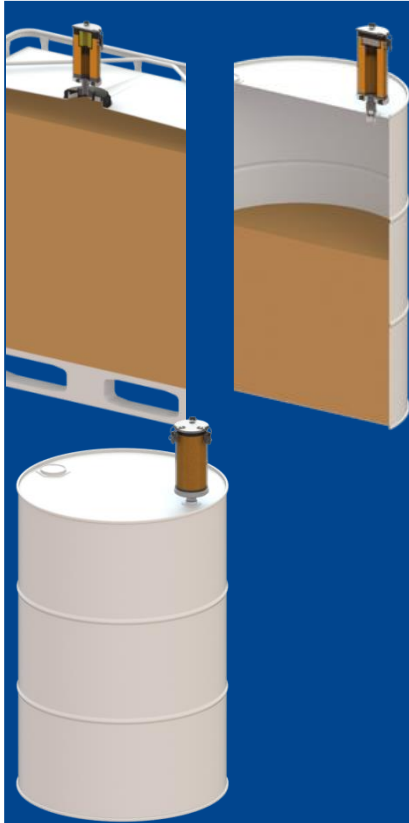
**DESIGNED AND
PRODUCED
IN GERMANY**



Your contact for original GIEBEL Adsorber®



BREATHER DRYER FOR BARRELS AND IBC

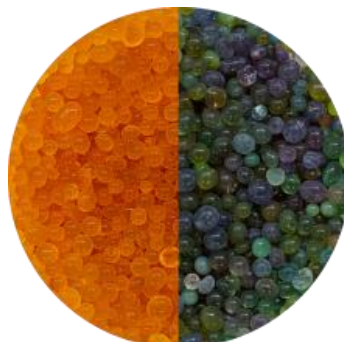


During storage and processing of substances in drums and IBC containers, humid air from the environment is attracted. This humidity contaminates the storage medium. For example, isocyanate crystallizes, oils become saturated with water, and biofuels form bacteria and sludge.

To protect the hygroscopic substances in drums and IBCs, the GIEBEL breathing dryers are a very effective solution.

Whether standing or lying barrels, whether plastic or stainless steel IBCs, whether container respiration or active removal, a properly designed drum ventilation filter ensures dry supply air.

GIEBEL has developed the VENT PA and VENT MA series for the protection of isocyanates, polyols, oils, fuels, etc. in drums and IBCs.





ADSORBER BARRELS & IBC



Adsorber	VENT PA-D	VENT PA-R	VENT MA	
Usage	Breather Dryer			Warming cabinet up to 140°C
Medium	Isocyanates, polyols, glue, resins, hydraulic oil, Gear oil, Organic oil, Vegetable oil, AdBlue (urea), Diesel fuel, insulation oil, amine, PU metal catalysts, flame protection, diethanolamine, silicone, transformer oil		Petrol, Kerosene, Acetic acid Polyethylene glycol Isopropyl alcohol, Methanol Diethylene glycol	All materials, isocyanates, polyols
Valves	✗	✗	✗	✓
Rechargeable	✗	✓	✓	✓
According to ATEX 2014	✗	✗	✓	✓
Container volume / Maintenance interval				
60 l Drum appr. 75x emptying	vV 140-PA 05.0010.21	vV 150-PA 05.0010.46		
200 l Drum appr. 45x emptying	vV 220-PA 05.0020.05	vV 230-PA 05.0020.76	vV 230-MA 05.0030.57	vV 230-MA 05.0040.00
1000 l IBC appr. 9x emptying	vV 220-PA 05.0020.05	vV 230-PA 05.0020.76	vV 230-MA 05.0030.57	
1000 l IBC appr. 25x emptying	vV 300-PA 05.0030.04	vV 310-PA 05.0030.13	vV 310-MA 05.0030.65	



ACCESSORIES

Accessories				
IBC cover 	IBCD-150 33.0539.00 IBCD-225 33.0542.00	IBCD-150 33.0539.00 IBCD-225 33.0542.00	IBCD-150 33.0539.00 IBCD-225 33.0542.00	
Sleeve 	AD-IA_G2 07.2106.01 AD-IA_S56x4 07.2160.00 AD-IA_S70x6 07.2162.00	AD-IA_G2 07.2106.01 AD-IA_S56x4 07.2160.00 AD-IA_S70x6 07.2162.00	AD-IA_G2 07.2106.01 AD-IA_S56x4 07.2160.00 AD-IA_S70x6 07.2162.00	
Elbow adapter 	WA-90 03.0000.54 WA-W 03.0001.03	WA-90 03.0000.54 WA-W 03.0001.03	WA-90 03.0000.54 WA-W 03.0001.03	WA-90 03.0000.54 WA-W 03.0001.03
Suction lance 	SAL-BAR 03.0000.84 SAL-BAR 03.0000.15 SAL-IBC 03.0000.87	SAL-BAR 03.0000.84 SAL-BAR 03.0000.15 SAL-IBC 03.0000.87	SAL-BAR 03.0000.84 SAL-BAR 03.0000.15 SAL-IBC 03.0000.87	SAL-BAR 03.0000.84 SAL-BAR 03.0000.15 SAL-IBC 03.0000.87
Wall mount 	WH_oSL-HK 03.0000.97 WH_BG-SC1,5 03.0000.96 WH_oSL-5 03.0000.98	WH_oSL-HK 03.0000.97 WH_BG-SC1,5 03.0000.96 WH_oSL-5 03.0000.98	WH_oSL-HK 03.0000.97 WH_BG-SC1,5 03.0000.96 WH_oSL-5 03.0000.98	

REFERENCES





APPLICATIONS

GIEBEL Adsorber® are used for example:

- Isocyanates and polyols for storage and processing in PUR system
- Gasoline storage of test facilities
- Insulating oils for transformers
- Hydraulic oils for mobile machines
- Gear oils for turbines & generators
- Catalysts for chemical processes
- Epoxy resins as potting compound
- Adhesive for carrier fabric
- and many more !

