



# GIEBEL

## FilTec GmbH

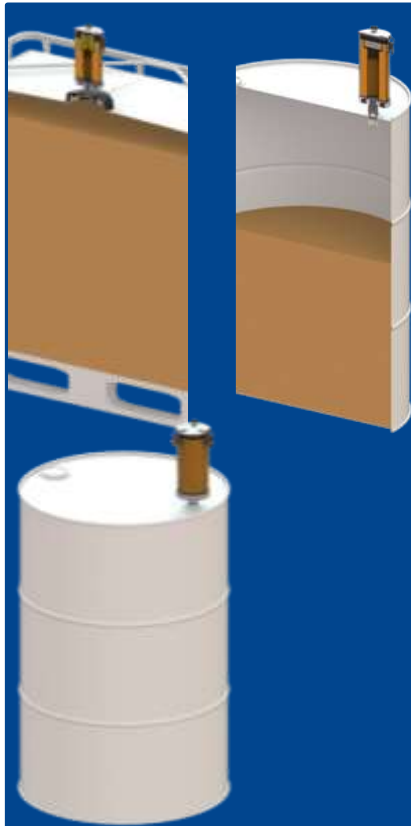
**DESIGNED AND  
PRODUCED  
IN GERMANY**



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		
Valves	✗	✗	✗
Rechargeable	✗	✓	✓
According to ATEX 2014	✗	✗	✓
<b>Container volume / Maintenance interval</b>			
<b>60 l Drum</b> appr. 75x emptying	vV 140-PA 05.0010.21	vV 150-PA 05.0010.46	
<b>200 l Drum</b> appr. 45x emptying	vV 220-PA 05.0020.05	vV 230-PA 05.0020.76	vV 230-MA 05.0030.57
<b>1000 l IBC</b> appr. 9x emptying	vV 220-PA 05.0020.05	vV 230-PA 05.0020.76	vV 230-MA 05.0030.57

## REFERENCES





## ACCESSORIES

Accessories			
<b>IBC cover</b> 	IBCD-150 33.0539.00	IBCD-150 33.0539.00	IBCD-150 33.0539.00
	IBCD-225 33.0542.00	IBCD-225 33.0542.00	IBCD-225 33.0542.00
<b>Elbow adapter</b> 	WA-90 03.0000.54	WA-90 03.0000.54	WA-90 03.0000.54
<b>Suction lance</b> 	SAL-BAR 03.0000.84	SAL-BAR 03.0000.84	SAL-BAR 03.0000.84
	SAL-BAR 03.0000.15	SAL-BAR 03.0000.15	SAL-BAR 03.0000.15
	SAL-IBC 03.0000.87	SAL-IBC 03.0000.87	SAL-IBC 03.0000.87
<b>Wall mount</b> 	WH_oSL-HK 03.0000.97	WH_oSL-HK 03.0000.97	WH_oSL-HK 03.0000.97
	WH_BG-SC1,5 03.0000.96	WH_BG-SC1,5 03.0000.96	WH_BG-SC1,5 03.0000.96
	WH_oSL-5 03.0000.98	WH_oSL-5 03.0000.98	WH_oSL-5 03.0000.98

## 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 !

