

Adsorber MA-RV

For ATEX Zones | Robust | Low Maintenance Costs

The GIEBEL Adsorbers® of the series MA-RV consist of an aluminium housing with valve part. They are available with FKM or EPDM seals and are suitable for the aeration of aggressive substances or in rough environments. Maintenance of the wear components is fast and cost-effective. The adsorbers of this series can be used in zone II 2 G / D IIC T4 according to ATEX product directive 2014/34/EU.









Hydraulic Power Packs

Gears

Storage Tanks





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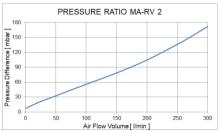


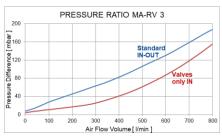


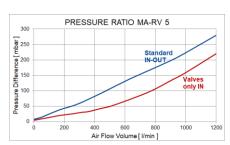


	MA-RV 2L	MA-RV 3M	MA-RV 3L	MA-RV 5M	MA-RV 5L	MA-RV 5XL
Total Weight [kg]	1,8	3,0	3,9	5,6	7,1	8,6
Silica Gel [kg]	0,5	0,9	1,4	2,3	3,3	4,5
Max. Water Absorption [ml]	200	360	560	1000	1320	1800
Height [mm]	210	305	405	335	435	535
Diameter [mm]	90/120	110/140	110/140	150/180	150/180	150/180
Connection	BSP, NPT, Metric, Slipfit					
Valves [IN - OUT]	1 – 1	1 – 1	1 – 1	2-2	2 – 2	2-2









Air Flow Volume [I/min] Air Flow Volume [I/min]				
Use	Drying of supply air			
Material	Aluminium, Stainless steel, Acrylic glass, Polyoxymethylene (POM), FKM, EPDM, Silica gel orange / Molecular sieve, Activated carbon			
Substance	Hydraulic oil, Transmission oil, Biological oil, Vegetable oil, Transformer oil, Insulating oil, AdBlue (Urea), Diesel fuel, Isocyanates, Polyols, Anhydrite, Flammable liquids (fuels, solvents, etc.) / SKYDROL, HyJet IV&V, Brake fluids / Petrol, Kerosene, Acetic acid, Polyethylene glycol, Isopropyl alcohol, Methanol, Diethylene glycol / Acetone, Butyl acetate, Ethanol, Ethyl acetate			
Refillable	Yes			
Application ATEX 2014	Yes			
Offshore Suitable	No			
Adsorbent Quantity	Silica gel 0,5 – 9,7 kg			
Valves	Yes			
IP Protection Class	IP 66			
UV-Resistance	Very high			
Temperature Range	-40°C +80°C / 160°C			
Corrosivity Class	C4			
REACH Compliant	Yes			
RoHS Compliant	Yes			
Customs Tariff Number / Country of Origin	84213925 Germany			

3 µm Particle filter Anti splash protection Anti splash protection Coarse filter foam Check valve spring-loaded Inlet Outlet

FLOW CHART

Online for download:

System



ambient air



ambient air



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