



# ADSORBER MA-R

## For ATEX Zones | Robust | Low Maintenance Costs

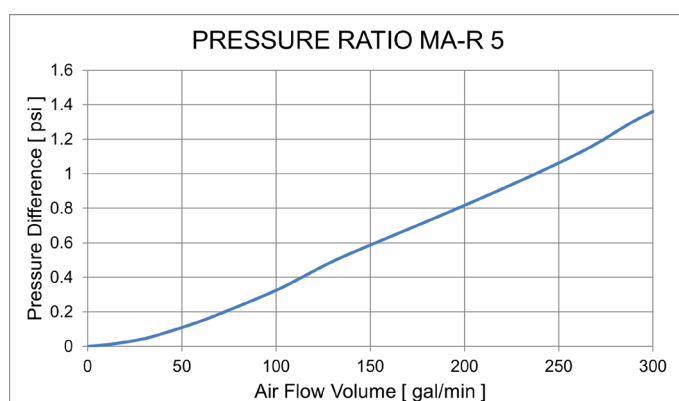
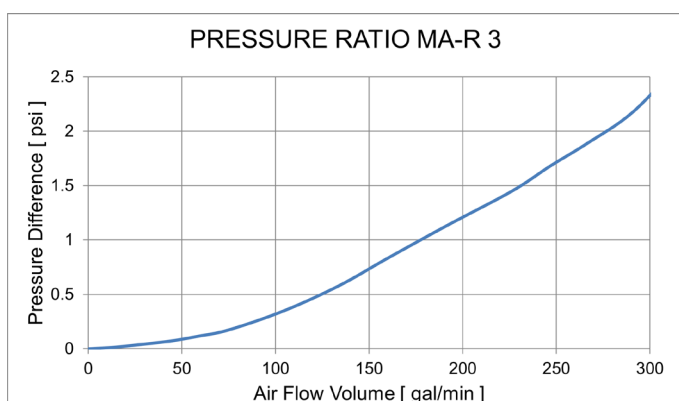
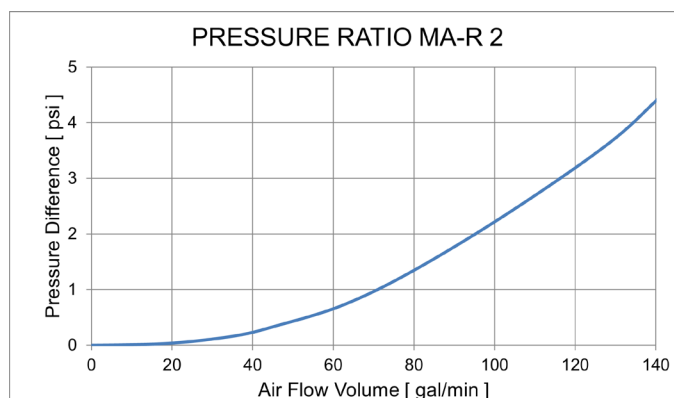
GIEBEL Adsorbers® of the MA-R series are robust aluminum adsorbers available with FKM or EPDM seals. The refillability makes the investment worthwhile after a very short time, as desiccant and wearing parts can be replaced quickly and cost-effectively. They can also be used in accordance with ATEX product directive 2014/34/EU in zone II 2 G / D IIC T4.



Suitable for hydraulic power packs, gearboxes, barrels & IBCs.



	MA-R 1L	MA-R 2L	MA-R 3M	MA-R 3L
<b>Total Weight</b> [lb]	1,10	3,74	4,63	6,61
<b>GIEBEL Xdry®</b> [lb]	0,2	0,55	0,85	1,45
<b>Color-change capacity</b> [fl. oz.]	2,02	6,52	10,07	17,17
<b>Height</b> [inch]	4 <sup>15</sup> / <sub>16</sub> "	9 <sup>1</sup> / <sub>8</sub> "	9 <sup>7</sup> / <sub>16</sub> "	13 <sup>5</sup> / <sub>14</sub> "
<b>Diameter</b> [inch]	2 <sup>3</sup> / <sub>8</sub> " - 2 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>2</sub> " - 4 <sup>3</sup> / <sub>4</sub> "	4 <sup>5</sup> / <sub>16</sub> " - 5 <sup>1</sup> / <sub>2</sub> "	4 <sup>5</sup> / <sub>16</sub> " - 5 <sup>1</sup> / <sub>2</sub> "
<b>Connection</b>	NPT, BSP Metric	NPT, BSP Metric, Slipfit	NPT, BSP Metric, Slipfit	NPT, BSP Metric, Slipfit
<b>Valves</b> [IN-OUT]	0 - 0	0 - 0	0 - 0	0 - 0

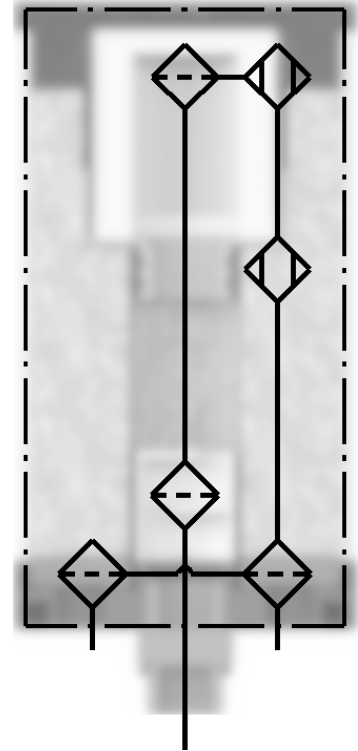
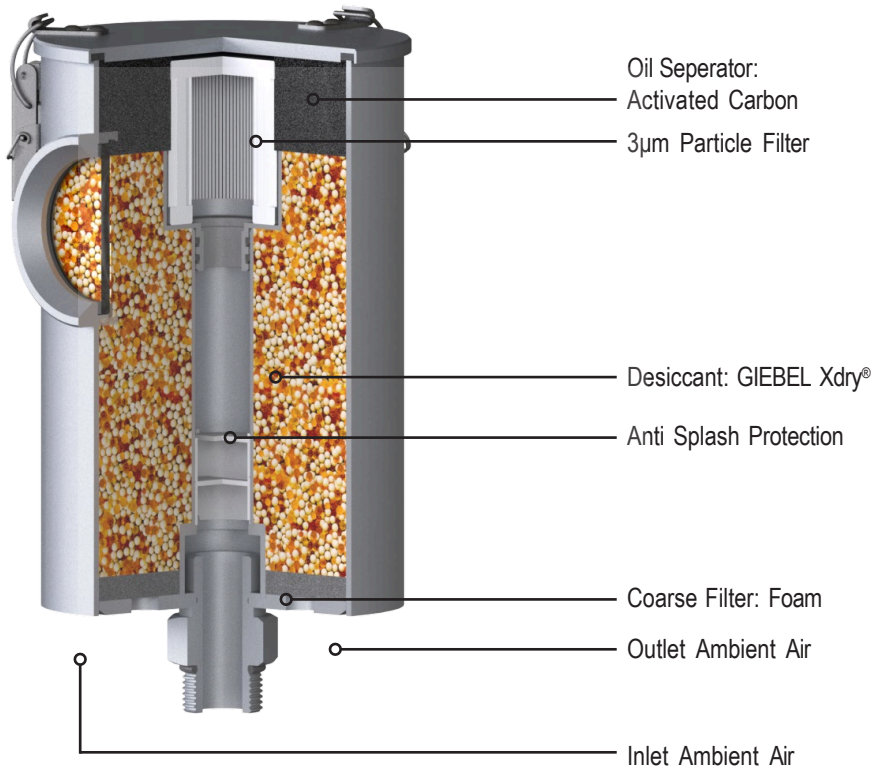


Use	Drying of supply air
Material	Aluminum, acrylic glass, FKM, EPDM, GIEBEL Xdry®, activated carbon
Substance	Isocyanates, Polyols, Adhesives, Resins, Hydraulic oil, Gear oil, Biological oil, Vegetable oil, Transformer oil, AdBlue (Urea), Diesel fuel, Insulating oils, Amines, PU metal catalysts, Flame protection, Diethanolamine, Silicone, Gasoline, Kerosene, Acetic acid, Polyethylene Glycol, Isopropyl alcohol, Methanol, Diethylene glycol, Brake fluid, SKYDROL, HyJet IV&V, Acetone, Butyl acetate, Ethanol, Ethyl acetate
Refillable	Yes
Application ATEX 2014	Yes
Offshore suitable	No
Adsorbent quantity	0,97 – 7.03 lb (GIEBEL Xdry®)
Valves	No
IP protection class	IP 63
UV resistance	Very high
Temperature range	-40°F ... 176°F / 320°F
Corrosivity class	C4
REACH compliant	Yes
RoHS compliant	Yes
Customs tariff number / Country of origin	84213925 / Germany

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**QUALITY FOR EVERY BREATH.**



## MORE INFORMATION

More about our adsorber series, accessories and spare parts, as well as data sheets for download on [www.giebel-adsorber.com](http://www.giebel-adsorber.com).

