



Adsorber VM-R

For ATEX Zones | Refillable | Inline filter



The Adsorber VM-R are air flow dryer, for use in hose pipes or pipelines. Application fields for use as inline version are for example in laboratories for drying of air streams, in electronics for protection of sensors, in pneumatics for drying of the compressed air and many more.

Easy to attach to a system and change when saturated. The lid is detachable and therefore the silica gel, as well as filters can be replaced. The use according to ATEX product directive 2014/34/EU in zone II 2 G / D IIC T4 is possible.



Hydraulic units



PUR – Dosing systems



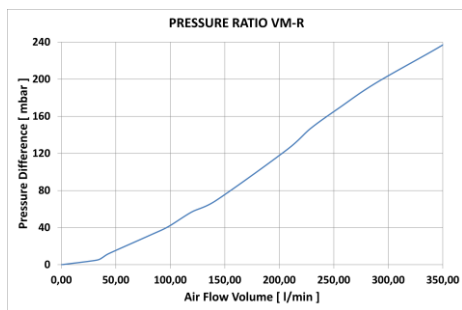
Electronics



Pneumatics



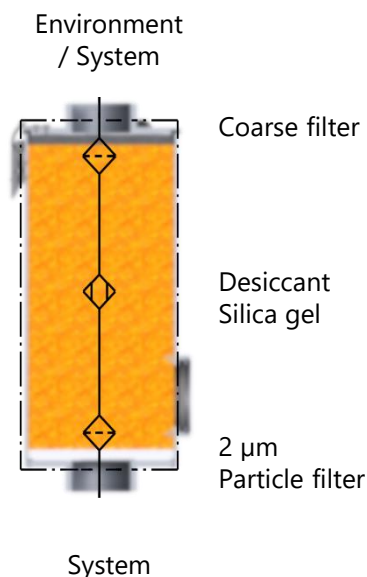
| | VM-R 2L | VM-R 3L | VM-R 5L |
|---------------------------|------------|------------|------------|
| Total weight [kg] | 1.7 | 3.4 | 6.4 |
| Silica gel [kg] | 0.8 | 1.9 | 4.1 |
| Max. water absorption [L] | 0.32 | 0.76 | 1.64 |
| Height [mm] | 232 | 343 | 383 |
| Diameter [mm] | 90 / 120 | 110 / 140 | 150 / 180 |
| Connection | BSP G1" F. | BSP G1" F. | BSP G2" F. |



| | |
|--|---|
| Use | Drying of supply air |
| Material | Aluminum, Stainless steel, Silica gel Orange |
| 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 | Silica gel 0.8kg - 4.1kg |
| IP Protection Class | IP 68 |
| UV-Resistance | Very High |
| Temperature Range | -40°C ... +80°C / 160°C |
| REACH Compliant | Yes |
| RoHS Compliant | Yes |
| Customs Tariff Number / Country of Origin | 84213925 Germany |

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FLOW CHART



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