

High pressure 300 Bar humidity filter with silicagel

Congratulations on your decision to buy Altaros High pressure 300 Bar humidity filter with silicagel. We believe that you will be fully satisfied with our product.

Before you start using High pressure filter, please take your time to familiarize yourself with this manual, since compressed air can be very dangerous if not used according to safety instructions. High pressure filter can be filled up to a maximum 300BAR/ 4500 PSI pressure. In case of exceeding the maximum filling pressure you endangering yours, or other persons life!

Exceeding the recommended pressure 300BAR /4500 PSI can cause permanent deformation of the high pressure filter. Damaged or deformed high pressure filter can not be refilled or otherwise used.

Never expose high pressure filter to an open flame or other heat sources exceeding temperature + 60C. Do not expose high pressure filter to any excessive mechanical stress, or any other kind physical strength they could deform shape, or damage housing.

Altaros High pressure 300 Bar humidity filter should be used only by an experienced person, who is familiar with these instructions.

Saturated Silicagel



New/Refreshed Silicagel



Absorber / Silicagel inspection it is done by unscrewing one plug out of high pressure filter . Unscrew the plug with a spanner and pads on its end. After unscrewing the plug, check visually the colour of the filling. The colour of a new filling should be bright orange (as shown in the picture above). In case the filling is dark green, the filling must be replaced for a new one or regenerated. Regeneration of the old filling is done in the following manner: the filling has to be heated on a glass tray to temperature of 100-120 °C. You have to keep this temperature until the colour of the filling turns back to bright orange. **Never perform the filling regeneration in a microwave oven!** Doing so will cause damage to absorber.

During the absorber regeneration, the absorbed humidity evaporates and the absorber can function again as a humidity dryer. The regeneration can be done several times. A substance named „Silicagel“ may be used as a new filling.

Before re-screwing plug back, check the o-ring which is on it, this o-ring should be clean, without any damage.

Plug must always be tightened up by spanner in order to avoid a gap between the plug and High pressure filter cylinder. In case of insufficient plug tightening there can be air leakage, or plugs disconnection which can cause injury or death to persons.

Following these safety guidelines will ensure long safe life of your airtube for many years

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