

Instructions for the Desiccant Filter

When you receive your Desiccant Filter, it will be filled with Desiccant. All you need to do is connect it to your system.

We do our best to provide the correct fittings, however, you may have to adapt to fit your application.

The desiccant filter needs to go in front of your regulator.

Connect one end of the compressor hose to your compressor and the other end to the IN PORT on the desiccant filter. The connect tubing from the OUT PORT of the desiccant filter to your filter/regulator. The IN and OUT ports on the desiccant filter are Female ¼" Pipe Thread.



How to Dry and Re-use the Desiccant Beads

When the Desiccant becomes saturated with water, the blue beads will turn pink. Disconnect the tubing going to the lid of the desiccant filter. Unscrew the lid counter clockwise. Pour the beads onto a cookie sheet and dry in the oven at 275 degrees until they turn blue again. You can then pour them back into the desiccant filter and re-use them. Be careful when re-filling not to get any beads in the black pipe in the center of the desiccant filter. If you do, dump them out. Clean all the beads out of the threads in order to get the lid to seat correctly on the Desiccant Filter. Re-connect tubing. The desiccant can be used over and over following this drying process.

Why You Want the Desiccant Filter before your Filter/Regulator

The air coming from your compressor needs to cool as much as possible before it enters your filter/regulator. Filter regulators will remove moisture when it is in a liquid form. When air is compressed, moisture is in the form of vapor and can pass through your filter/regulator if it does not have time to cool first. As the air cools, the vapor turns to liquid, allowing the filter/regulator to remove it from the air before the air is passed to your engraving tool. The desiccant filter forces the air down through the middle of the canister, then up through the desiccant beads, removing the moisture from the air and cooling the air - eliminating vapor.

Thank you for your business.

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