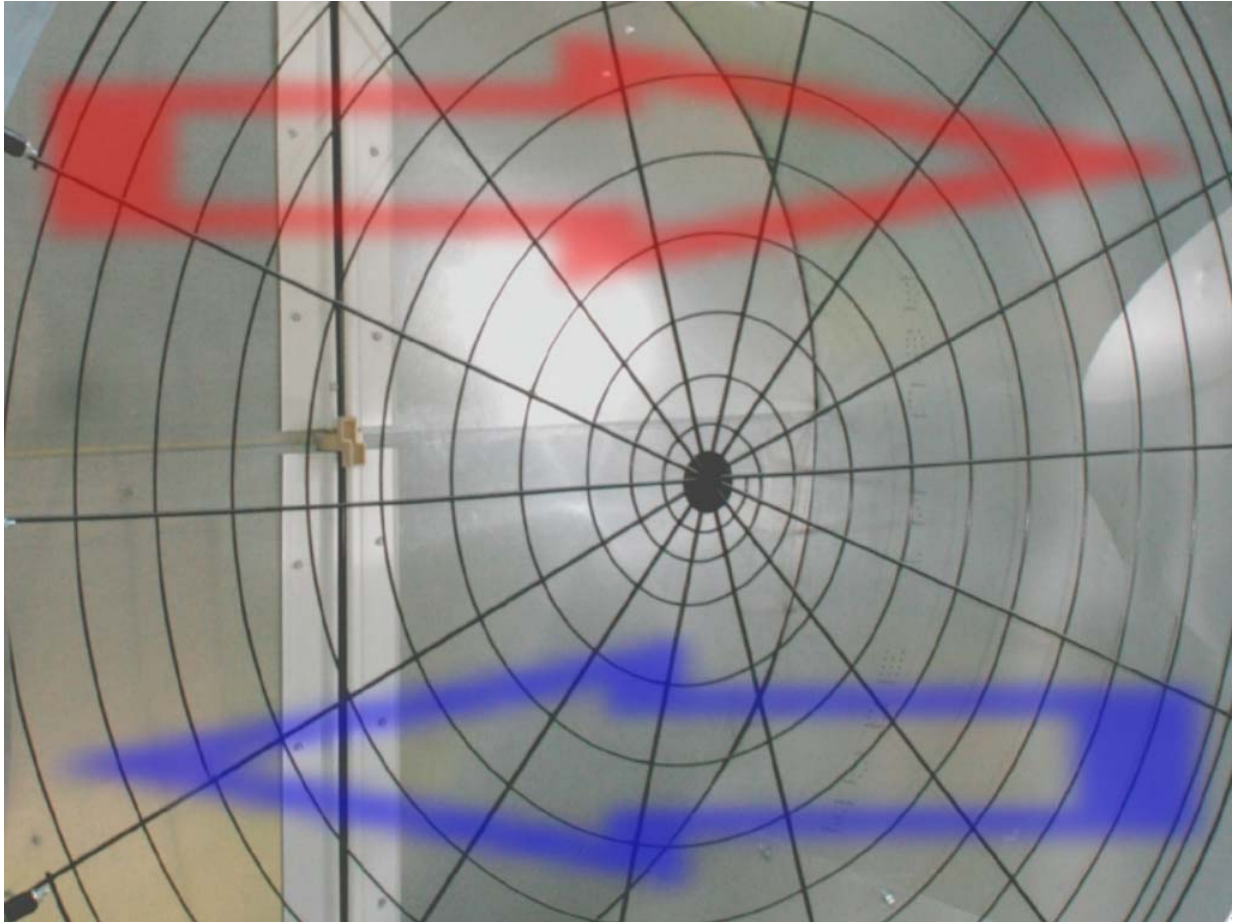


COOL & DRY

Reduce costs - increase quality

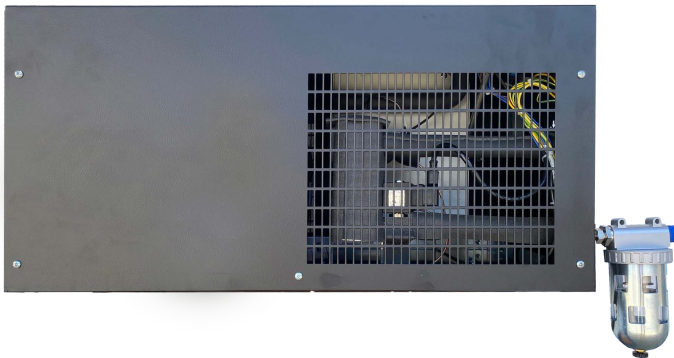


Cost reduction during simultaneous quality increase is possible with fast redemption of the costs by the use of the Cool & Dry for professional operators of breathing air filling plants.

This additional equipment can be integrated also into existing plants of any brand up to max. 350 bar.

COOL & DRY

Filter cartridges obtain during use of the Cool & Dry system up to eightfold extended lifetimes through cooling and contribute so substantially to the economy of the compressor plant.



Into a closed cycle compressed air will be cooled down after the last compression stage on approx. + 3° C.

Thus the dew point sinks and the largest part of the humidity and oil residues contained in this compressed air condensed and precipitate either over the inserted or the connected to the outside separator of the compressor, so that this humidity does not arrive only at all into the filter.

The anyway favorable costs of this additional equipment amortize very fast by professional filling companies, because the filter life time extends depending on operating place up to the eightfold indicated life time.

We all know that those on the filter cartridges declared life times applies to an environment- and filtering temperature of 20° C. Already with 30° C the life time falls around a third.

It is to be considered that the filter temperature is usually higher than the ambient temperature. Particularly with warm and tropical climate Cool & Dry unfolds its full efficiency. In order to be able to judge the exact filter condition and to take out the absolute maximum of the filter cartridge we recommend the installation of a humidity control instrument (e.g. Airsave).

Optional equipment

- Automatic condensate drainFurther systems up to 3500 litres on request.