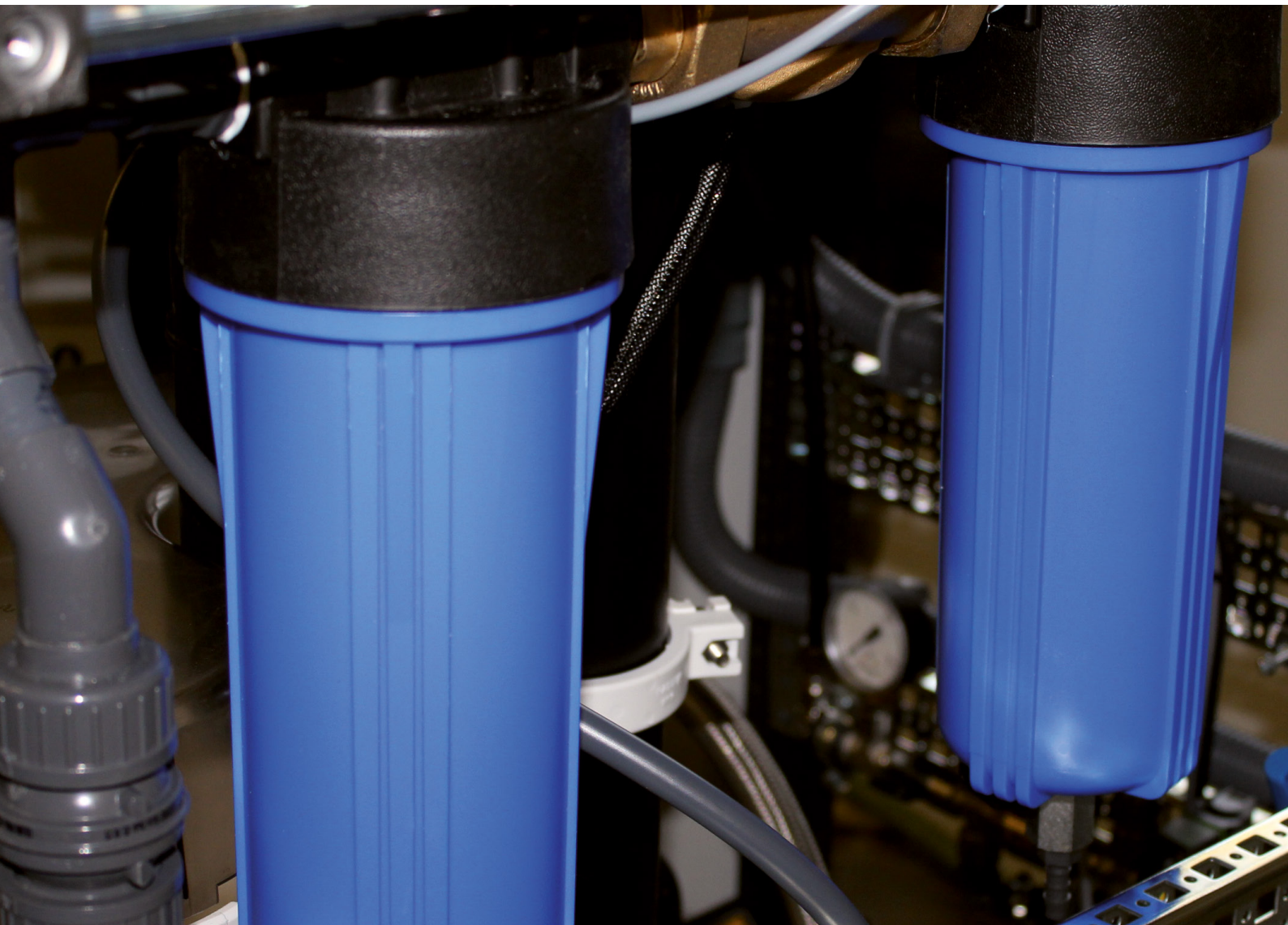


alpha.r

Water preparation system



alpha.r

Advantages at a glance:

- Functional, compact unit cabinet
- Combined pre-filtration using activated carbon
- Double water pre-softener
- High-pressure pump
- Reverse osmosis membrane with concentrate recirculation
- Conductivity measurement system with display
- Re-hardening doser, type fluidos
- Pump tank with pressure control or membran pressure tank (optional UV degerminating system)



The compact alpha.r - extraordinary design

Perfectly prepared water - central supply For sheetfed and web offset applications High level water preparation

Water preparation system

Water is the major constituent of the dampening solution used for offset printing. As an experienced supplier to printing companies worldwide, we know that the quality of the water used has a significant impact on the final printed result.

Only consistently high quality water can ensure that the dampening solution is the best for printing. It also enables printers to reduce the use of additives and alcohol.

The recirculation of concentrate ensures maximum efficiency. The quality of the permeate is continuously monitored using an integrated conductivity measurement system.

With its double pre-softener and highperformance reverse osmosis membranes, the alpha.r ensures the highest standard of water preparation.

The main components of the alpha.r include:

- functional and mobile unit cabinet
- combined pre-filtration using activated carbon
- double water pre-softener
- high-pressure pump
- reverse osmosis membrane with concentrate recirculation
- pump tank with pressure control
- conductivity measurement system with display
- re-hardening doser
- optional UV degerminating system