

WATER TREATMENT · SERIES COMBINED SYSTEMS

Combined systems

Code kombianlagen · 0 Performance classes · max. 0 bar(g)

Combined systems bring together softening and reverse osmosis in one compact unit. The raw water is first softened and then treated further via a membrane. This produces low-salt feedwater with reduced conductivity, which protects the steam generator against limescale, deposits and increased salt loading. Combined systems are particularly suitable where a high water quality is required together with a small footprint – for example in compact steam plants, mobile container solutions or restricted plant rooms.



Fig.: Combined systems

No performance classes maintained.

Equipment levels

Salt shortage monitoring

Indicates a low salt level.

Hardness monitor

Monitors the residual hardness.

Process titrator

Automatically checks the water hardness.

Activated carbon filter

Removes chlorine, odours and taste substances.

EDI module

Produces ultrapure water.

UV disinfection

Reduces micro-organisms in the water.

CO₂ vent filter

Protects against contamination from the air.

Standards & compliance: CE · Pressure Equipment Directive 2014/68/EU · EMC Directive 2014/30/EU · Low Voltage Directive 2014/35/EU · VDE-compliant wiring