



Partial flow filter GENO[®]-VARIO 3000

for heating and cooling cycles

grünbeck

Nach
VDI 2035
und AGFW 510
(VdTÜV 1466)

Treatment of circulation water without interruption of operation

The GENO®-VARIO 3000 is designed to improve the water quality in closed heating and cooling systems. Thanks to the easy integration into the partial flow and the automatic system operation, the water quality is restored without any draining or laborious flushing processes. Thus, the GENO®-VARIO 3000 is the ideal partner for the treatment of circulation water during on-going operation.

Back to excellent water quality

Filling hard water, inflow of outside water or improper make-up water feed may cause the water quality in closed systems to decrease. In order to restore optimum quality, the circulation water is filtered and softened by means of the partial flow filter GENO®-VARIO 3000. Thus, all dirt particles and scale forming substances are removed from the circulation water.

Easy, efficient and low on maintenance

Thanks to the fully automatic control unit, independent system operation at minimum operating efforts is achieved: Due to back-wash and regeneration, the filter material does not need to be replaced; the built-in bypass pump enables the easy and hydraulically independent connection to the system and thanks to the unique Eco operation, a particularly energy-saving operation of the system is achieved. Operating, personnel and maintenance cost thus can be reduced to a minimum.

Fields of application

For the treatment of circulation water in closed systems such as

- heating cycles
- cooling cycles
- local and district heating networks



Peak performances of the GENO®-VARIO 3000

- Touch control for easy and intuitive operation
- Independent system operation
- Fully automatic control unit
- Unique Eco operation
- Fast and efficient removal of impurities, rust and scale particles

Technical specifications

Partial flow filter GENO®-VARIO 3000

Nominal connection diameter	1"
Nominal flow rate [m³/h]	2.5
Min./max. operating pressure [bar]	2.0/8.0
Max. operating temperature [°C]	80
Power supply [V/Hz]	230/50
Dimensions (w x h x d) [mm]	1,100 x 1,650 x 765

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