

H₂O DESAL filt

ELYSATOR Eng. AG™

Effective filtration for circulating water

- Can be used during operation
- 4-stage filtration system



- Convenient
- Efficient

EFFECTIVE FILTRATION

H₂O DESAL® filt removes dirt and the finest impurities from the circulating water in heating and cooling circuits. Various circumstances can lead to impurities in the water in both new and existing systems. This in turn leads to malfunctions, a loss of efficiency and costly repair work. Contaminants include foreign substances such as welding residues, dirt, sludge, corrosion products, and dust and residues from pipe cutting. According to the applicable guidelines, recirculated water must be clear and free of sediment. Foreign substances can be removed from the system by means of filtration.



H₂O DESAL® filt 33

The H₂O DESAL® filt 33 cartridge has several different layers of natural filter granules. Foreign substances are therefore removed from the circulating water by mechanical separation. The ion exchange resin serves as an additional treatment step. Magnetite is also retained by a magnetic tape. The cartridge attachment supplied is used for coarse prefiltration.



H₂O DESAL® filt 55

In a closed system, the device with the built-in H₂O DESAL® filt 55 cartridge set is connected in the bypass flow and operated with a pump at a low flow rate. The system volume must be circulated at least three times. Up to 5000 litres of water can be cleaned with one cartridge set, depending on the degree of contamination. For larger system volumes or a high degree of contamination, several cartridge sets must be used.

- 4-stage filtration system (up to 5 µm)
- Magnetite retention
- Additional water treatment by ion exchange resin



Differential pressure unit (optional)

This optional accessory optimises use of the H₂O DESAL® filt 55. It allows the differential pressure to be checked using two pressure gauges. In addition, the unit limits the maximum flow rate to 10 l/min.



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engineering water

ELYSATOR Engineering AG | 8865 Bilten | Switzerland

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