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## Aeration of water reservoirs

### Filtering the supply air reduces hygiene hazards

Every drinking water reservoir respirates: Aeration and deaeration of drinking water reservoirs is necessary for pressure equalisation as the water level in the water chamber varies. Huge amounts of air are sucked in as drinking water is being withdrawn. This air must be pressed out again during tank filling. The hygiene problem lies in the “breath-in” process. Depending on ambient air quality, there is a certain risk that higher amounts of dust, bacteria, viruses and germs may pass into the stored drinking water.

Ventilation technology with HUBER air filter plants reliably prevents such risks. Generally, only filtered ambient air should be allowed to pass into the water reservoir.

We will gladly advise you on the right filter technology and suitable complete solutions for optimal hygiene for your drinking water reservoir

### Aeration / deaeration plant L251



Natural aeration/deaeration plant with air connections on both sides to improve the hygiene in drinking water reservoirs.

Completely made of 1.4307 stainless steel except the filter material, shielded arc welded, acid-treated in a pickling bath and passivated.

Maximum throughput at  $\Delta p = 120$  Pa: 250 m<sup>3</sup>/h.

### Aeration / deaeration plant L252



Natural aeration/deaeration plant with air connections on both sides to improve the hygiene in drinking water reservoirs.

Completely made of 1.4307 stainless steel except the filter material, shielded arc welded, acid-treated in a pickling bath and passivated.

Maximum throughput at  $\Delta p = 120 \text{ Pa}$ :  $300 \text{ m}^3/\text{h}$

### [Aeration / deaeration plant L361, L661](#)

Natural aeration/deaeration plant with air connections on both sides to improve the hygiene in drinking water reservoirs. Completely made of 1.4307 stainless steel except the filter material, shielded arc welded, acid-treated in a pickling bath and passivated.

Maximum throughput at  $\Delta p = 120 \text{ Pa}$ :  $720 \text{ m}^3/\text{h}$  (L361), approx.  $3000 \text{ m}^3/\text{h}$  (L661)



## Download Documents

Here you will find extensive planning documents and customer information.

For quick and easy download, all documents of a product are packed together into one complete ZIP file:

- [Aeration / deaeration plant L251](#)
- [Aeration / deaeration plant L252](#)
- [Aeration / deaeration plant L361](#)
- [Aeration / deaeration plant L661](#)

## Media



HUBER air filter for drinking water storage tanks

## Case Studies

- [Old installations – a ticking bomb?](#)
- [Good reasons to use air filters in water reservoirs](#)
- [Minimised condensation in water chambers through forced ventilation](#)
- [Stadtwerke Bielefeld continue to invest into HUBER products for the refurbishment of water reservoirs](#)
- [Water reservoir Talstraße renovated](#)
- [Water Reservoir Schönforst refurbished by HUBER](#)

## More products of this group: Drinking Water Storage

- [Water Reservoir Access](#)

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