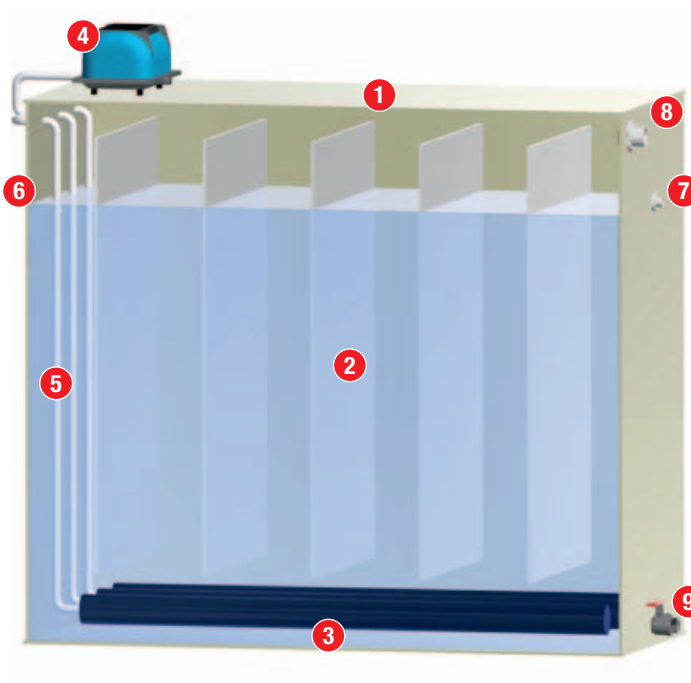


OPJ RADON-REDUCTION DEVICE

Highly efficient, energy
and space-saving
radon-reduction unit



- | | |
|----------------------|----------------|
| 1. Plastic box | 6. Inflow |
| 2. Pullable desks | 7. Outflow |
| 3. Aeration elements | 8. Deaeration |
| 4. Blower | 9. Exhaust tap |
| 5. Ducting | |

VODACZ

ENSURES HIGH-INTENSITY AERATION

of waters with increased radon-levels.

UNIQUE DESK STRUCTURE

achieving up to 90% efficiency.

SIGNIFICANTLY INCREASED ENERGY PERFORMANCE

compared to our competitors' products.

FLEXIBLE STRUCTURAL WORKMANSHIP

to adapt to local space conditions.

FUNCTION DESCRIPTION

High-intensity aeration ensured by the blower supplying high amount of air to aeration elements on the bottom of the box. Water flowing through a specific desk structure as well as aeration help increase efficiency in removing radon from the water. Furthermore, aeration element is easily removable for repairs or replacement.

BENEFITS

› Undemanding in space

Longish structure for higher flexibility of the device placement. Compared to aeration towers, the device can be installed inside a building with ordinary vertical clearance. Therefore, there is no freezing risk as in aeration towers placed outdoors.

› Flexible structure

The device is designed based on existing space situation in the water-management facility and based on radon concentration in water. The device can be adapted by the number of aeration elements, ground plan dimensions and height.

› Low operating costs

Better energy performance compared to our competitors. (Example: Source of 0.7 l s^{-1} containing $\text{Rn } 300 \text{ Bq l}^{-1}$ treated with 85% efficiency using 80 W, 230 V device.)

› Comparable acquisition costs to those of our competitors

PARTS OF THE SUPPLY

- › Radon-elimination box
- › Pullable desks
- › Screwable top cover with washers
- › Aeration elements incl. ducting
- › Blower
- › Connecting point for water inflow and outflow
- › Connecting point for air outlet
- › Exhaust tap

TAILOR-MADE SOLUTION

We provide expert consultation and design of tailor-made solutions based on a specific assignment.



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