

PRODUCT DATA SHEET

EWO® heatingwater-optimizer HWO



APPLICATION

Black, muddy heating water results from unnatural conditions in the heating circuit, which can lead to technical problems.

A 1mm thick covering can increase energy consumption by up to 10%.
Maintenance costs and costs increase with poorly functioning heaters.

The heating water optimizer EWO® HWO is suitable for small heating systems up to 500l system content.

FUNCTIONALITY

EWO® HWO works with the **3 mechanisms of the EWO® water optimization:**

- + turbulence
- + information transfer
- + magnetism

PRE-CONDITIONS FOR INSTALLATION

Local installation regulations, general guidelines and technical data must be noted.

The installation location must be frost-proof and ensure protection against chemicals, dyes, solvents, vapors and environmental influences.

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| MOUNTING INSTRUCTIONS |
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- horizontal mounting in flow or return
- EWO® HWO has a specific flow direction
- keep at least 50cm distance (linear distance) to electrical equipment, e.g. pumps (distance to electrical and electromagnetic fields)

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| TECHNICAL DATA |
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| EWO® HWO | | Technical Data | | |
|--------------------------------|-------------------|----------------|------|-----|
| Dimension | inch | 1/2" | 3/4" | 1" |
| Nominal size | DN | 15 | 20 | 25 |
| Max. water pressure | bar | 4 | | |
| Operating pressure | °C | 1 – 70 | | |
| Flow rate Δ 0,1bar | m ³ /h | 1 | 2,2 | 3,8 |
| Flow rate Δ 0,2bar | m ³ /h | 1,4 | 3,1 | 5,5 |
| Total length | mm | 58 | 70 | 88 |
| Diameter | mm | 25 | 30 | 39 |
| Weight | kg | 0,2 | 0,4 | 0,5 |
| Boiler output | kW | 15 | 20 | 25 |
| Heating system volume, approx. | m ³ | 0,2 | 0,3 | 0,5 |
| Calming distance | cm | 10 | 15 | 20 |

OPERATION AND MAINTENANCE

EWO® HWO is maintenance free.

SCOPE OF DELIVERY

1 EWO® HWO
1 installation instruction

WARRANTY

The latest version of the national statutory warranty provisions apply.

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The information corresponds to the knowledge available at the time of preparation. Printing errors, mistakes and changes are reserved. Illustrations are not to scale. All information is based on the characteristics of the Austrian market.
Edition: January 2021