

## MOUNTING INSTRUCTIONS EWO® HWO heatingwater optimizer



### 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 requirements and costs increase with poorly functioning heaters.

Thanks to the EWO® HWO – heatingwater-optimizer, the heating water remains in a stable equilibrium. The HWO can be used in systems with a system content of up to 500L.

### FUNCTIONALITY

EWO® HWO works with the **3 mechanisms of the EWO®-method**:

- + turbulence
- + information transfer
- + magnetism

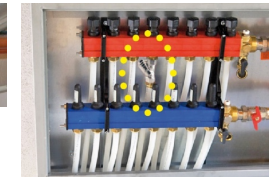
### PRE-CONDITIONS FOR INSTALLATION

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.

### MOUNTING INSTRUCTIONS

- Mounting in flow or return
- EWO® HWO has a **given** flow direction
- keep at least 50cm distance (linear distance) to electrical equipment, e.g. pumps (distance to electrical and electromagnetic fields)
- do not put live cables on or around water pipes



examples



Please note flow direction

### TECHNICAL DATA

EWO® HWO		Technical Data		
Dimension	Inch	1/2"	3/4"	1"
Nominal width	DN	15	20	25
Max. water pressure	bar	4		
Operating temperature	°C	1 – 70		
Flow rate $\Delta$ 0,1bar	m³/h	1	2,2	3,8
Flow rate $\Delta$ 0,2bar	m³/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 water volume, approx.	m³	0,2	0,3	0,5
Calming section	cm	10	15	20

#### OPERATION & MAINTENANCE

EWO® HWO is maintenance free

#### SCOPE OF DELIVERY

1 EWO® HWO heatingwater optimizer  
1 mounting instructions

#### WARRANTY

The latest version of the national statutory warranty provisions apply.

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