

WATER IN SPRING WATER QUALITY.

With UMH Heat, UMH specifically provides for underfloor heating circuits and heating circuits an effective solution to energize heating water. The silting of the circulating water is thereby inhibited or reversed. The device is made of brass and is equipped with a special ceramic composition. Internally

there is a hyperbolic flow cycle and handmade borosilicate glass vials for a highly stable energy field. The negative impacts of the floor, such as heavy legs, fatigue, circulation problems, etc., are eliminated by the energized water quality and the water remains clear for years.

RANGE OF USE

- Underfloor heating
- Wall Heating
- Heating circuits

WARRANTY

- 5-year warranty on function and device technology
- 5-month money-back guarantee for unsatisfactory effectiveness

ADAVANTAGES

- The heating circulation system protects against sludging
- Anabolic energy transfer through the floor
- Increase in the overall house quality
- The heating water remains clear over years
- At least 5% savings in heating costs
- No electricity, no chemicals, no magnets
- Maintenance-free



»Everything flows.«

Heraklit

UMH CONVINCES.

Customer opinions

ON UMH HEAT

We would like to report on the experience with the UMH Heat devices, which we have implemented in our two large houses in the spring of 2011. We recently again took water samples from the heating system. As shown with previous inspections, the heating water is crystal clear and free of debris.



HEATING WATER WITH UMH



HEATING WATER WITH UMH

This clean water quality has fortunately also improved heat transfer in the heating system. The indoor climate has significantly improved since the installation of the heat equipment and people feel very comfortable in their living quarters.

Günther Markitz, 2012

The results were documented by the below laboratory tests.

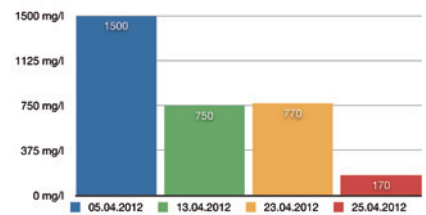
After the installation of the UMH unit, the heating water first became dirtier. This indicated that through the heat from the heating device system, incrustations were dissolved. A further sample from 28.12. shows very low sludge, aluminum, copper and iron levels. At this time, the water was very clean. The recent investigation on 27.1.2012 shows significantly lower values in all parameters. The heating water at this time had only a very slight yellowish color.

The massive siltation problem could therefore be completely resolved in

less than 4 months with UMH Heat.

Bruno Mestdagh, Firma Sarl Drag'Eau, 2012

The accredited laboratory Cofrac Essais carried out the following investigation.



The sludge volume in the cooling circuit water could be already halved within 10 days by using a UMH Heat of 1500 mg / l to 750 mg / l.

Cofrac Essais, 2012

Sample	13.9.11		7.12.11		28.12.11		27.1.12	
	1	2	1	2	1	2	1	2
Conductivity µS	275		296	271	274	269	252	248
Fr. hardness	8,2		13	13	9,7	9,7	8,9	8,9
Sludge mg/l	--		4300	20	28	10	20	10
Aluminum µg/l	130		520	50	< 30	< 30	< 30	< 30
Total copper mg/l	38		220	2,8	< 0,02	< 0,02	< 1,9	< 1,2
Total iron mg/l	170		2100	11	13	4,1	10	5
Total zinc mg/l	22		60	1,1	0,56	0,31	0,45	0,37
Total sulfur mg/l	6		9,5	5	4,9	4,8	4,4	4,5

Installment of the UMH Heat device 10/11

SPECIFICATIONS

The UMH Heat device 1" was installed into a relatively new private house early in October 2011, 18 months after strong siltation in the heating system had been formed.

	1"	5/4"	6/4"	2"	2,5"	3"
Length in mm:	99	108	108	109	172	172
ø in mm:	50	79	79	79	123	123
Water flow l/min:	70	100	150	300	470	590
Weight in kg:	0,7	2,1	2,1	2	8,1	6,9