

## WORKING AND ADJUSTMENT STEAM UNIT

If you switch on the hot cabinet and also switch on the humidification it takes some time before the humidification starts up. This will be activated by the the clixon (TH2 MIN) placed under the fan plate on operator side (see next page). This clixon is set at 80°C to avoid that the humidification starts up in a cold unit and so cover the window with condensation. The humidification/steam is permanent. When the temperature drops to 65°C the clixon switches off and therefore also the humidification.

Once the clixon is activated the water valve is openend. When the filtered water reaches the correct level, the water level sensor switches the heating on in the boiler. The water temperature is regulated by a thermostat which is set on 110°C (max. open).

Another thermostat is place on the bottom side of the boiler and is a dry cook safety with 2 white wires. When this thermostat is activated it brakes and has to be replaced.

Everything is secured by a fuse of 10A.

### Setting of timer relay:

Function: CE

Time scale: 2 sec.

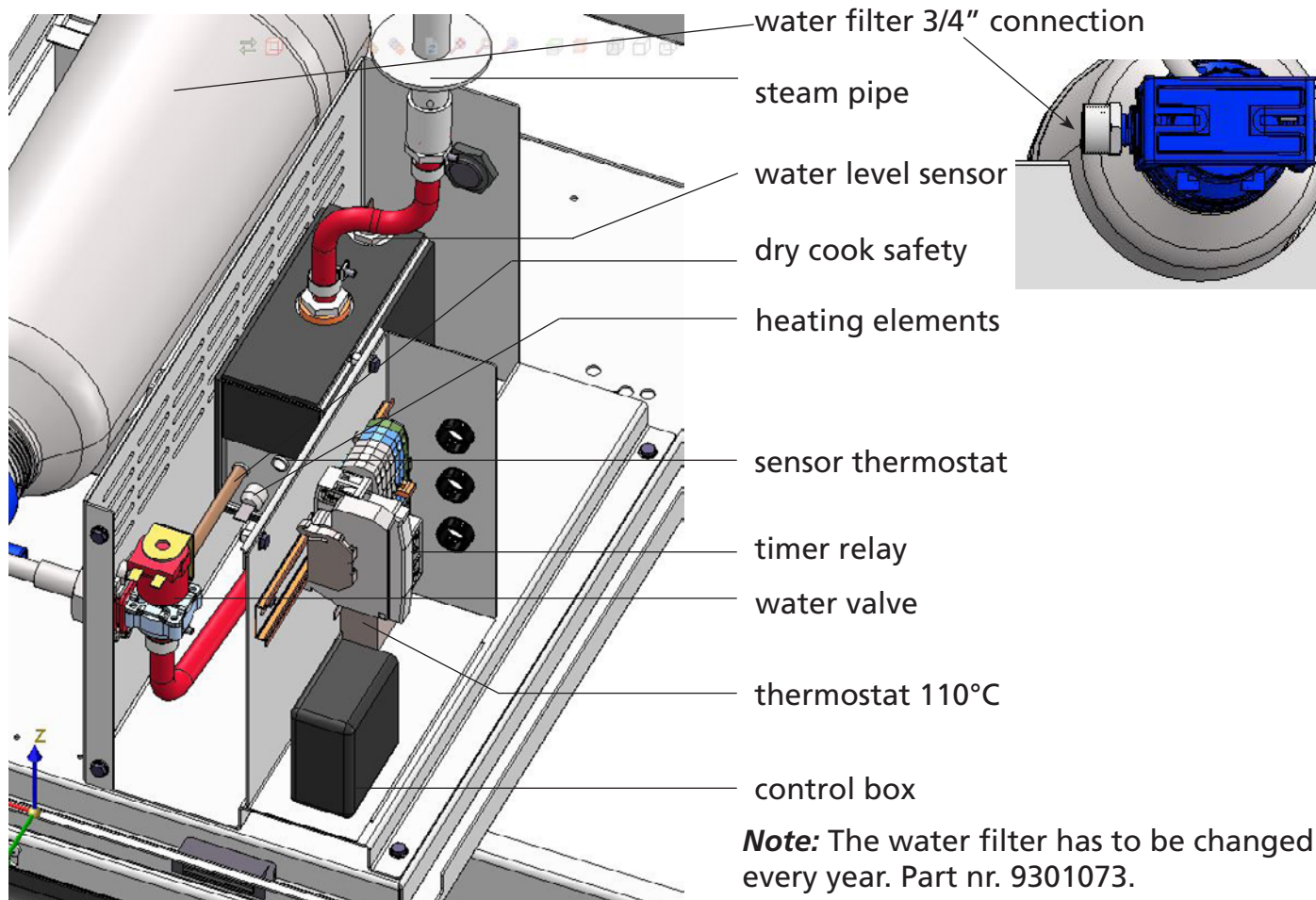
Time setting: 20.

The time scale setting of 2 sec. is the extra time that the elements are activated after the water level sensor gives the signal that the level is too low (this to avoid a constant in/out switching of the elements).

The time setting is a means to adjust the time scale (2 sec). If set on 20 the time scale is full and if set on 10 the time scale is on 1.

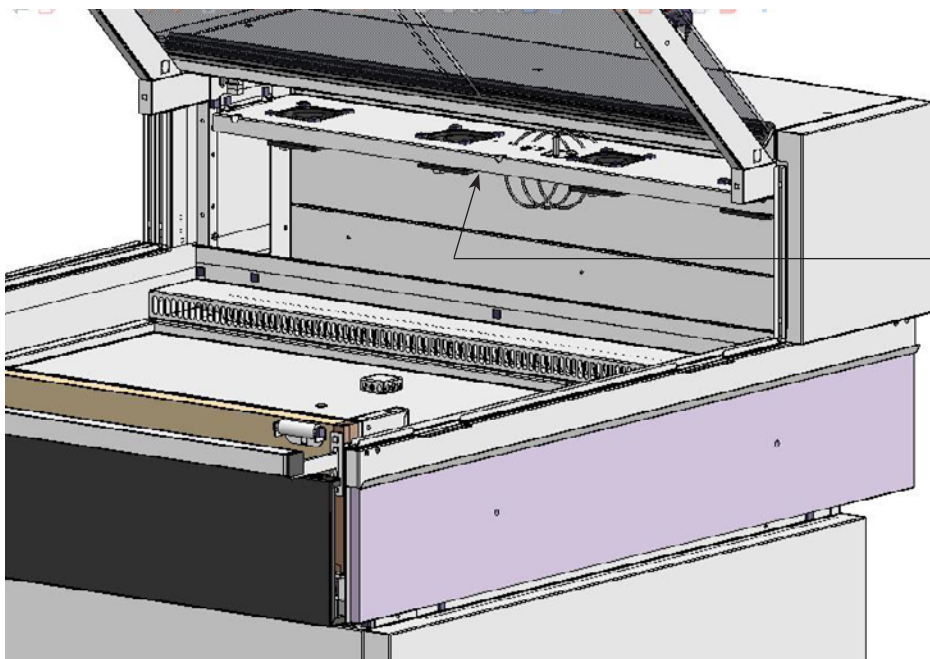
There is a orange indication on the timer relay that indicates that the elements are switched on or off.

**Note:** The water filter has to be changed every year. Part nr. 9301073.  
Bypass adjusted on "0".



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## CLIXON FOR HUMIDIFICATION



Clixon for humidification  
Comes in at 80°C  
Cuts off at 65°C

**30003526 Ass. steam humidification.**

dh	
1 - 4	Very soft
5 - 8	Soft
9 - 12	average
13 - 18	Hard
19 - 30	Very hard

### Working conditions:

Maximum hardness drinking water 25dh  
Water pressure 2-8 Bar  
Ambient temperature 4 to 40°C  
Humidity 20 to 100%  
Replace filter after one year or when water hardness of the filtered water is above 5dh.

### Conversion table

dh	fH	eH	milliecuivalent/l millival	ppm CaCO <sub>3</sub>	mmol/l CaCO <sub>3</sub>
1	1,78	1,24	0,36	17,80	0,18
2	3,56	2,49	0,71	35,60	0,36
3	5,34	3,73	1,07	53,40	0,53
4	7,12	4,98	1,42	71,20	0,71
5	8,90	6,22	1,78	89,00	0,89
6	10,70	7,47	2,14	107,00	1,07
7	12,50	8,71	2,49	125,00	1,25
8	14,20	9,96	2,85	142,00	1,42
9	16,00	11,20	3,20	160,00	1,60
10	17,80	12,40	3,56	178,00	1,78
11	19,60	13,70	3,92	196,00	1,96
12	21,40	14,90	4,27	214,00	2,14
13	23,10	16,20	4,63	231,00	2,31
14	24,90	17,40	4,98	249,00	2,49
15	26,70	18,70	5,34	267,00	2,67
16	28,50	19,90	5,70	285,00	2,85
17	30,30	21,20	6,05	303,00	3,03
18	32,00	22,40	6,41	320,00	3,20
19	33,80	23,70	6,76	338,00	3,38
20	35,60	24,90	7,12	356,00	3,56
21	37,40	26,10	7,48	374,00	3,74
22	39,20	27,40	7,83	392,00	3,92
23	40,90	28,60	8,19	409,00	4,09
24	42,70	29,90	8,54	427,00	4,27
25	44,50	31,10	8,90	445,00	4,45
26	46,30	32,40	9,26	463,00	4,63

dh = German hardness  
fh = French hardness  
eh = English hardness