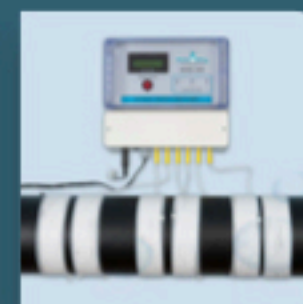


Sizing Table



Selection	Sentry	WK-SE	WK2	WK3	WK4	WK5
Maximum pipe diameter	28 mm	42 mm	42 mm	67 mm	108 mm	159 mm
Direct fired gas / oil boiler	35 kW	N/A	40 kW	350 kW	750 kW	1125 kW
Electrical boiler	5 kW	12 kW	10 kW	30 kW	100 kW	150 kW
Product Data						
Aerial number/length	2/2.0 m	4/2.0 m	4/2.0 m	4/4.0 m	4/7.0 m	6/9.0 m
Minimum aerial turns	12 turns	12 turns	12 turns	15 turns	15 turns	15 turns
Frequency range	1-10 kHz	1-10 kHz	1-10 kHz	1-10 kHz	1-10 kHz	1-10 kHz
Peak to peak output voltage	82 V	82 V	82 V	82 V	82 V	82 V
Power supply required	230V or 110V	230V	230V or 110V	230V or 110V	230V or 110V	230V or 110V
Input current	0.02 A	0.03 A	0.03 A	0.04 A	0.08 A	0.1 A
Power consumption	1 W	1.5 W	1 W	2 W	2 W	3 W
Lead length	1.5 m	2 m	1.5 m	1.5 m	1.5 m	1.5 m
Dimensions (mm)	140 x 85 x 50	140 x 85 x 50	220 x 155 x 67	220 x 165 x 60	270 x 260 x 110	270 x 260 x 110
Weight	0.80 kg	0.50 kg	1.25 kg	1.50 kg	3.00 kg	3.25 kg
Ambient temperature	0 - 70°C	0 - 70°C	0 - 70°C	0 - 70°C	0 - 70°C	0 - 70°C
Humidity non-condensing	Waterproof	80%	80%	80%	80%	80%
IP Rating	IP 68	IP 65	IP 65	IP 65	IP 65	IP 65
BMS output	No	No	No	Yes	Yes	Yes

Suggested Specification

For consulting engineers looking to specify Water-King for their projects we recommend inclusion of the following text:

One or more Water-King electronic water conditioner shall be fitted to the cold mains supply and HWSR in accordance with the manufacturer's recommendations. The unit shall have one or more pairs of open-ended aerials wrapped around the pipework generating a series of square waves of random length and occurrence between 1kHz and 10kHz. The peak to peak output voltage will be in excess of 80 volts. Units should be proven by independently laboratory tests to partially soften hot water and performance tested using the IGC-335 protocol.

**Technical
Hotline:
01608 811707**

Where technical advice is required, please contact our helpline. We're experienced at advising consultants and contractors on the most effective way of treating hard water using water conditioning technologies. We are also able to provide CIBSE and CIPHE accredited training seminars for those looking for a more detailed understanding of the technology.

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