

Model***WK-SE*****Maximum pipe diameter**

42mm

Direct Fired Water Heaters – The WK-SE is designed specifically for high output electric water heaters. For conventional gas fired and oil fired water heaters the standard range of Water-King units should be used, with unit selection based on both pipe size and heat output ratings.

Electrical boiler

12 kW

Flow Rate – Flow rate is immaterial as far as Water-King is concerned. The greater the flow, the more effective the units tend to be.

Product Data

○ Aerial Length	2.0 m
○ Aerial Number	4
○ Minimum aerial turns	12 Turns
○ Frequency range	1 – 10 kHz
○ Peak to peak output voltage	82 V
○ Power supply required	230 V
○ Input current	0.03 A
○ Power consumption	1.5 W
○ Transformer output	9 V. ac
○ Power cable length	2.0 m
○ Dimensions	140mm x 85mm x 50mm
○ Weight	0.5 kg
○ Ambient temperature	0 – 70 °C
○ Humidity non-condensing	80 %
○ Self-diagnostic guard chip	Yes
○ BMS output	No
○ IP Rating	65

Self-Diagnostic “Guard Chip” – Every computer system is prone to malfunction, especially if there is a sudden variation in the power supply, which can jam the program. Most systems have to reset by manual re-booting. Water-King units overcome this problem by an additional “Guard Chip” program, which monitors the performance of the main program and resets the system automatically if it detects a variation or system failure. There is no need for manual resetting after power outage.

Maintenance – Once installed, the WK-SE requires no maintenance.

Lifecycle costs – Running costs are less than £10.00 per annum. The design life is 25 years with a 5-year manufacturer’s warranty.

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