

TOSHIBA

Toshiba DSK ES Series Installation Instruction

Electric water heater

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Model

DSK45ES5KB
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DSK45ES5KW

DSK38ES5KB

DSK38ES5KW

Read this manual carefully before installation and use

After-sales engineers should test the ground resistance for the customers at

least once per year to insure the grounding of the water heater is reliable

ELECTRIC WATER HEATER

Installation Instruction

TOSHIBA

For Home Use Only

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Hot water module (multi type) (68 pages)

[Water Heater Toshiba MMW-AP0271LQ-E Owner's Manual](#)

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Hot water module (33 pages)

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Hot water module (multi type) (34 pages)

Summary of Contents for Toshiba DSK ES Series

[Page 1](#) Installation Instruction ELECTRIC WATER HEATER For Home Use Only Model DSK45ES5KB DSK45ES5KW DSK38ES5KB DSK38ES5KW Read this manual carefully before installation and use After-sales engineers should test the ground resistance for the customers at least once per year to insure the grounding of the water heater is reliable...

[Page 2](#) Sincerely thank you for selecting our electric water heater. Please read this manual carefully before use; correctly grasp the methods for installation and use of this electrical water heater, to make full use of its excellent performances. Please do preserve the instruction manual for future reference.

[Page 3](#) SAFETY INSTRUCTIONS All instructions described should be carefully read and followed. These instructions are precautions to prevent the risks of serious injury or death of the user, and any damages to property. MARKINGS WARNING indicates high possibility of serious injury (*1) or WARNING death of the user.

[Page 4](#) Specification: Only connect to main voltage 220V~. Do check whether the amperes of the household wiring enough. Directly connect to the AC outlet, and don't use multiple outlets. This may cause fire or electric shock. 220V~ Before installing this electric water heater, check and confirm the earth electrode on the socket is reliably earthed, without electricity.

[Page 5](#) Ground resistance measurement method: Connect the wire of measuring instrument according to the manual. Please check the diagram. ● ● Connect E1 to the ground wire, and connect E2, P2 to the auxiliary electrode of steel bar in the soil. The distance of E1, E2, P2 and steel bar should be greater than 20m. It requires the measurement site should avoid strong electric field, in order to reduce the measurement error.

[Page 6](#) 1. PRODUCT INTRODUCTION 1.1 Technical Performance Parameters Series DSK**ES * DSK45ES5KW DSK45ES5KB DSK38ES5KW DSK38ES5KB Model 220V ~ Voltage Rated Rated Frequency 50 Hz Rated Power 4500W 4500W 3800W 3800W Rated Current 0~20.5A 0~20.5A 0~17.3A 0~17.3A Dia. Of Wire Core 2.5mm²...

[Page 7](#) 1.2 Parts Identification Terminal block Main control board Wire pressing Thermal board cut out Indicator Heating light board elements assembly Stainless steel circlip Silicon control Temperature sensor Flow sensor Marker for Marker for wateroutlet water inlet Blue Water inlet Water outlet PRODUCT STRUCTURE FOR DSK**ES5** 2.3 Internal Wire Diagram...

[Page 8](#) 2. UNIT INSTALLATION 2.1 Installation Instruction ① Check the capacity of power circuit; (220V~, ≥25A) ② Power cord installation; ③ Water heater installation; ④ Plumbing connection; ⑤ Power supply connection; ⑥ Water Supply. 2.2 Power Cord Installation Step 1 Step 2 Remove the power cord wire pressing plate and Remove the screws at the bottom of the unit.

[Page 9](#) NOTE The installation position of neutral line (blue), live line (brown/red) and earth line (green/yellow) should be corresponding to the other end on wiring terminals. 2.3 Water Heater Installation ① Determine installation position of the unit according to length of power cord / position of air switch (Distance between bottom and oor should be $\geq 1.6\text{m}$).

[Page 10](#) Power knob Water ow adjusting valve with lter (Fig.2) Cold water inlet NOTE Water ow adjusting valve with lter must be used when install the unit. Blue marker stands for water inlet, red marker stands for water outlet. Do not overexert to avoid damaging the water heater.

[Page 11](#) 3. TROUBLESHOOTING SYMPTOMS REASONS SUGGESTIONS 1. Power supply error, 1. Check whether power is cut Switch on the power supply, 2. PCB error; 2. Contact authorized service The screen displays nothing 3. Electricity leaks. personnel for repair. 1. The power knob is o ; 1.

[Page 12](#) TOSHIBA THAILAND CO.,LTD. 201 Vibhavadee Rangsit Road, Chatujak,Bangkok 10900...

This manual is also suitable for:

[Dsk45es5kbDsk45es5kwDsk38es5kbDsk38es5kw](#)