



Toshiba RAS-05 Installation Manual

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INSTALLATION MANUAL

AIR CONDITIONER (SPLIT TYPE)

Indoor unit

RAS-05, 07, 10, 13, 16BAV-E

Outdoor unit

RAS-05, 07, 10, 13, 16BAV-E

ENGLISH

1118350197

TOSHIBA

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[Air Conditioner Toshiba RAS-13BKV-E Service Manual](#)

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(4 pages)

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Air conditioner (split type) (4 pages)

Summary of Contents for Toshiba RAS-05

[Page 1](#) INSTALLATION MANUAL ENGLISH AIR CONDITIONER (SPLIT TYPE) Indoor unit RAS-05, 07, 10, 13, 16BKV-E Outdoor unit RAS-05, 07, 10, 13, 16BAV-E 1 1 1 8 3 5 0 1 9 7...

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[Page 3: Precautions For Safety](#)

PRECAUTIONS FOR SAFETY PRECAUTIONS FOR SAFETY • Before installation, please read these precautions for safety carefully. • Be sure to follow the precautions provided here to avoid safety risks. The symbols and their meanings are shown below. WARNING : It indicates that incorrect use of this unit may cause severe injury or death. CAUTION : It indicates that incorrect use of this unit may cause personal injury (*1), or property damage (*2).

[Page 4: Accessory Parts](#)

Part name Part name Cap water proof × 2* Drain nipple × 1 * Not require to use for RAS-05, 07, 10, 13BAV-E Air fi lters Clean every 2 weeks. 1. Open the air inlet grille. 2. Remove the air fi lters.

[Page 5: Installation Diagram Of Indoor And Outdoor Units](#)

Left Bottom Rear right left Bottom left Saddle Insulate the refrigerant pipes separately RAS-05, 07, 10, 13BAV-E RAS-16BAV-E with insulation, not together. Extension drain hose (Not available, provided by installer) 6 mm thick heat resisting polyethylene foam Optional Installation Parts Fixing bolt arrangement of outdoor unit •...

[Page 6: Indoor Unit](#)

INDOOR UNIT INDOOR UNIT When the installation plate is directly mounted Installation Place on the wall • A place which provides the spaces around the indoor unit as shown in the 1. Securely fi t the installation plate onto the wall by screwing it in the upper and diagram lower parts to hook up the indoor unit.

[Page 7: Indoor Unit Fixing](#)

How to remove the drain hose NOTE • The drain hose can be removed by removing the If the pipe is bent incorrectly, the indoor unit may unstably be set on the wall. screw securing the drain hose and then pulling out After passing the connecting pipe through the pipe hole, connect the the drain hose.

[Page 8: Outdoor Unit](#)

2. Insert a fl are nut into the pipe and fl are the pipe. secure its feet. • Projection margin in fl aring : A (Unit : mm) • The allowable pipe length is up to 15 m for RAS-05, 07, 10, 13BAV-E and RIDGID (clutch type) 20 m for RAS-16BAV-E.

[Page 9: Evacuating](#)

Packed valve handling precautions Evacuating • Open the valve stem all the way out, but do not try to open it beyond the After the piping has been connected to the indoor unit, you can perform the stopper. air purge together at once. Pipe size of Packed Valve Size of Hexagon wrench AIR PURGE...

[Page 10: Electrical Works](#)

ELECTRICAL WORKS The power supply can be selected to connect to indoor unit or outdoor unit. Choose proper way and connect the power supply and connecting cable by follow the instruction as following. Model RAS-05, 07BKV-E RAS-10BKV-E RAS-13BKV-E RAS-16BKV-E Power source 50Hz, 220 -...

[Page 11: Power Supply And Connecting Cable Connection](#)

50 mm 10 mm Earth line Connecting cable 10 mm Connecting cable 70 mm Earth line RAS-05, 07, 10, 13BAV-E Terminal block Power supply cable Connecting cable Stripping length of the Connecting cable connect to 1 2 3 connecting cable...

[Page 12: Power Supply Input Wiring Diagram](#)

Power supply input Wiring Diagram Power supply input at Indoor unit Terminal Block (Recommend) Indoor Terminal Block Power supply input CHASSIS INDOOR UNIT OUTDOOR UNIT Outdoor Terminal Block CHASSIS EARTH Power supply input at Outdoor unit Terminal Block (Optional) Indoor Terminal Block CHASSIS...

[Page 13: Others](#)

OTHERS OTHERS Gas Leak Test Test Operation To switch the TEST RUN (COOL) mode, press [RESET] button for 10 seconds. (The beeper will make a short beep.) Check places for the indoor unit. OPERATION / RESET Button Check places for the outdoor unit.

[Page 14: Appendix](#)

APPENDIX APPENDIX Work instructions There is the possibility that a large quantity of dirty Existing pipes: Cannot be used. oil or moisture remains inside the pipes. Are there scratches or dents on the existing pipes? The existing R22 and R407C piping can be reused for Use new pipes.

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This manual is also suitable for:

Ras-07Ras-10Ras-13Ras-16Ras-05bkv-eRas-05bav-e ... [Show all](#)