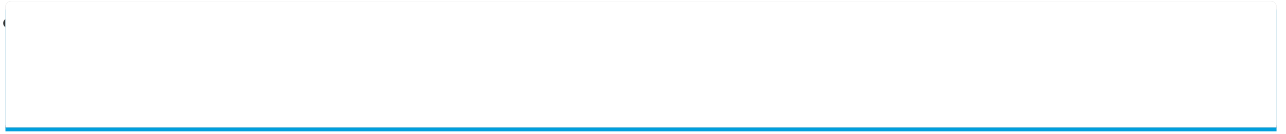


# Toshiba RAS-B22PKVSG-E Installation Manual



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# INSTALLATION MANUAL

AIR CONDITIONER (SPLIT TYPE)

Indoor unit

RAS-18PKVSG-E

RAS-B22PKVSG-E

RAS-B24PKVSG-E

Outdoor unit

RAS-18PAVSG-E

# TOSHIBA

RAS-22PAVSG-E

RAS-24PAVSG-E

R32

ENGLISH

112 065 012 7-1

# TOSHIBA

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## Related Manuals for Toshiba RAS-B22PKVSG-E

[Air Conditioner Toshiba RAS-18PAVSG-E Owner's Manual](#)

(168 pages)

[Air Conditioner Toshiba RAS-B22PKVSG-TR Service Manual](#)

(134 pages)

[Air Conditioner Toshiba RAS-18PKVSG-E Service Manual](#)

(137 pages)

[Air Conditioner Toshiba RAS-24PAVSG-E Installation Manual](#)

(18 pages)

[Air Conditioner Toshiba RAS-24PKVSG-E Owner's Manual](#)

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Air conditioner split type (108 pages)

[Air Conditioner Toshiba RAS-18N3KV2 Series Installation Manual](#)

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[Air Conditioner Toshiba RAS-18N3KV2-E1 Installation Manual](#)

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[Air Conditioner Toshiba RAS-B22N3KV2-E1 Installation Manual](#)

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Indoor/outdoor unit, r32 inverter (144 pages)

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(478 pages)

[Air Conditioner Toshiba RAS-24J2AVSG-E Owner's Manual](#)

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[Air Conditioner Toshiba RAS-B18G3KVSG-E Installation Manual](#)

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[Air Conditioner Toshiba RAS-24E2KVG-E Owner's Manual](#)

Inverter r32 or r410a, for general public use, indoor/outdoor unit (7 pages)

[Air Conditioner Toshiba RAS-B24B2KVG-E Installation Manual](#)

(14 pages)

## Summary of Contents for Toshiba RAS-B22PKVSG-E

[Page 1](#) ENGLISH INSTALLATION MANUAL AIR CONDITIONER (SPLIT TYPE) Indoor unit  
RAS-18PKVSG-E RAS-B22PKVSG-E RAS-B24PKVSG-E Outdoor unit RAS-18PAVSG-E  
RAS-22PAVSG-E RAS-24PAVSG-E 112 065 012 7-1...

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### [Page 3: Precautions For Safety](#)

PRECAUTIONS FOR SAFETY PRECAUTIONS FOR SAFETY Read the precautions in this manual carefully before This appliance is filled with R32. operating the unit. • 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.

[Page 4](#) DANGER • FOR USE BY QUALIFIED PERSONS ONLY. • TURN OFF MAIN POWER SUPPLY BEFORE ATTEMPTING ANY ELECTRICAL WORK. MAKE SURE ALL POWER SWITCHES ARE OFF. FAILURE TO DO SO MAY CAUSE ELECTRIC SHOCK. • CONNECT THE CONNECTING CABLE CORRECTLY. IF THE CONNECTING CABLE IS CONNECTED WRONGLY, ELECTRIC PARTS MAY BE DAMAGED.

[Page 5](#) • Do not use any refrigerant different from the one specified for complement or replacement. Otherwise, abnormally high pressure may be generated in the refrigeration cycle, which may result in a failure or explosion of the product or an injury to your body.

[Page 6](#) CAUTION • Exposure of unit to water or other moisture before installation could result in electric shock. Do not store it in a wet basement or expose to rain or water. • After unpacking the unit, examine it carefully for possible damage. •...

### [Page 7: Accessory Parts](#)

Installation Plate × 1 Battery × 2 Remote control holder × 1 Mounting screw × 6 Toshiba new IAQ filter × 2 Flat head wood screw × 2 Owner's Manual × 1 Screw × 2 Installation Manual × 1 "...

### [Page 8: Installation Diagram Of Indoor And Outdoor Units](#)

INSTALLATION DIAGRAM OF INDOOR AND OUTDOOR UNITS INSTALLATION DIAGRAM OF INDOOR AND OUTDOOR UNITS For the rear left, bottom left and left piping Wall Hook Installation plate Cut out a piece of SPACER from indoor unit packaging box, roll it and insert Flat head wood screw between the indoor unit and wall to tilt...

### [Page 9: 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 fit the installation plate onto the wall by screwing it in the upper and diagram lower parts to hook up the indoor unit.

### [Page 10: Piping And Drain Hose Installation](#)

Front panel Control wire Control wire Screw (Ø3.1×16L) for hang remote controller Hole for hang remote controller Remote controller Wall Screw Screw Remote controller Screw cap Screw (Ø3.1×25L) for fix battery cover 70 mm \* Wire size 28-22AWG or 0.08-0.32 mm Outer diameter not over 4.7 mm, control wire length 30 m.

### [Page 11: 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 12: Drainage](#)

2. Put water in the drain pan and make sure that the water is drained out of Drainage doors. 3. When connecting extension drain hose, insulate the connecting part of extension drain hose with shield pipe. 1. Run the drain hose sloped downwards. Shield pipe NOTE •...

### [Page 13: Evacuating](#)

Tightening connection Compound pressure gauge Pressure gauge -101 kPa Align the centers of the connecting pipes and tighten the flare nut as far as possible (-76 cmHg) Manifold valve sible

with your fingers. Then tighten the nut with a spanner and torque wrench as shown in the fi...

### [Page 14: 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-18PKVSG-E RAS-B22PKVSG-E RAS-B24PKVSG-E Power source 50Hz, 220 - 240 V Single phase Maximum running current 9.5A...

### [Page 15: In Case Of Indoor Unit Connect With 1:1 Outdoor Unit](#)

In Case of Indoor Unit Connect With 1:1 Outdoor Unit Power Supply Input at Indoor Unit Terminal Block (Recommend) Indoor Unit Outdoor Unit Power supply cable Stripping length of the power Power supply cable connect to L N Terminal block supply cable Terminal block (L N 1 2 3) Earth line...

[Page 16](#) Power supply input Wiring Diagram for 1:1 Outdoor Unit RAS-18, 22PAVSG-E 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...

[Page 17](#) RAS-24PAVSG-E Power supply input at Indoor unit Terminal Block (Recommend) Power supply input Indoor Terminal Block CHASSIS INDOOR UNIT OUTDOOR UNIT CHASSIS EARTH Outdoor Terminal Block Power supply input at Outdoor unit Terminal Block (Optional) Indoor Terminal Block CHASSIS INDOOR UNIT OUTDOOR UNIT CHASSIS EARTH...

### [Page 18: In Case Of Indoor Unit Connect With Inverter Multi System \(Ims\)](#)

In Case of Indoor Unit Connect With Inverter Multi System (IMS) Indoor Unit Stripping length of the connecting cable Connecting cable Connecting cable connect to L 2 3 Terminal block (L N 1 2 3) Earth line 50 mm 10 mm 10 mm 70 mm Earth line...

### [Page 19: 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 22](#) 1 1 20 6 50 12 7 -1...

This manual is also suitable for:

[Ras-18pkvsg-eRas-b24pkvsg-eRas-18pavsg-eRas-22pavsg-eRas-24pavsg-e](#)