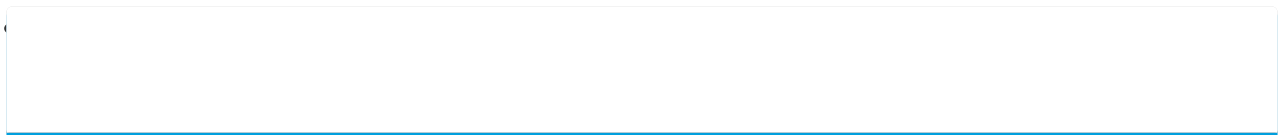




# Toshiba RAS-16N3KV2 Series Installation Manual



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INSTALLATION MANUAL  
**AIR-CONDITIONER (SPLIT TYPE)**

Indoor unit

RAS-10, 13, 16N3KV2 Series

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Outdoor unit

RAS-10, 13, 16N3AV2 Series

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**TOSHIBA**



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## Related Manuals for Toshiba RAS-16N3KV2 Series

### [Air Conditioner Toshiba RAS-B16N3KV2-E1 Owner's Manual](#)

(102 pages)

### [Split type air conditioners Toshiba RAS-10N3KV2 Series Owner's Manual](#)

Toshiba ras-10, 13, 16, 18, 22, 24n3kv2 series indoor unit; ras-10, 13, 16, 18, 22, 24n3av2 series outdoor unit, split type air conditioners (8 pages)

### [Air Conditioner Toshiba RAS-B10N3KV2 Series Installation Manual](#)

(276 pages)

### [Air Conditioner Toshiba RAS-16N3AV2 Series Installation Manual](#)

(124 pages)

### [Air Conditioner Toshiba RAS-M07N3KV2 Series Installation Manual](#)

(78 pages)

### [Air Conditioner Toshiba RAS-B10N3KV2 Series Owner's Manual](#)

Air conditioner (split type) indoor and outdoor units (11 pages)

### [Air Conditioner Toshiba RAS-5M34UAV-E1 Owner's Manual](#)

Toshiba split type air conditioners owner's manual (8 pages)

### [Air Conditioner Toshiba RAS-10SKVP2 series Owner's Manual](#)

Split type (6 pages)

### [Air Conditioner Toshiba RAS-167SKV-E7 Installation Manual](#)

(10 pages)

### [Air Conditioner Toshiba RAS-10G2KVP Series Installation Manual](#)

Hfc r410a air conditioners (split type) (16 pages)

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Split type (104 pages)

### [Air Conditioner Toshiba RAS-10SKV2 Series Owner's Manual](#)

Split type (4 pages)

### [Air Conditioner Toshiba RAS-07UKH Owner's Manual](#)

(5 pages)

### [Air Conditioner Toshiba RAS-18J2KVG-TR Installation Manual](#)

R32 inverter (34 pages)

### [Air Conditioner Toshiba RAS-B10 Owner's Manual](#)

Split type; r32 or r410a inverter (20 pages)

### [Air Conditioner Toshiba RAS-B05E2KVG-E Service Manual](#)

(141 pages)

## Summary of Contents for Toshiba RAS-16N3KV2 Series

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INDOOR UNIT .....	3	Installation Place .....	3	Cutting a Hole and Mounting Installation Plate .....	3	Wiring Connection .....	3	How to Connect Remote Controller for Wire Operation .....	4
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### [Page 3: Precautions For Safety](#)

- Appliance shall be installed in accordance with national wiring regulations. If you detect any damage, do not install the unit. Contact your TOSHIBA dealer immediately.
- Do not use any refrigerant different from the one specified for complement or replacement.

### [Page 4: Installation Diagram Of Indoor And Outdoor Units](#)

108 mm Gas side : Ø9.52 mm 28 mm Air inlet (RAS-10, 13N3KV2 Series) each : Ø12.70 mm (RAS-16N3KV2 Series) Pipe insulating material (polyethylene foam, 6 mm thick) Air outlet 90 mm Putty, PVC tapes 600 mm each Drain outlet 1110251276-EN.indd 2...

### [Page 5: 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 6: How To Connect Remote Controller For Wire Operation](#)

70 mm Terminal block \* Wire size 28-22AWG or 0.08-0.32 mm Cord Outer diameter not over 4.7 mm, clamp Terminal cover control wire length less than 30 m. 5 mm Screw Notch for wire out Connecting cable Screw Earth line 100 mm 10 mm Tighten fi...

### [Page 7: Piping And Drain Hose Installation](#)

Battery cover 2) Firmly insert the drain cap. Screw Tighten firmly but not over No gap 0.15 N.m (0.02 kgf.m) Do not apply lubricating oil (refrigerant machine oil) when inserting the drain cap. Application causes deterioration and drain leakage of the plug. Insert a hexagon wrench (4 mm).

### [Page 8: Indoor Unit Fixing](#)

Do not form the Indoor Unit Fixing Do not rise the drain hose into drain hose. a wavy shape. 1. Pass the pipe through the hole in the wall and hook the indoor unit on the 50 mm installation plate at the upper hook. or more 2.

### [Page 9: Evacuating](#)

Tightening connection Compound pressure gauge Pressure gauge -101 kPa (-76 cmHg) Align the centers of the connecting pipes and tighten the flare nut as far as Manifold valve possible with your fingers. Then tighten the nut with a spanner and torque Handle Hi wrench as shown in the fi...

### [Page 10: Wiring Connection](#)

RAS-10N3KV2 RAS-13N3KV2 RAS-16N3KV2 Wiring Connection Model Series Series Series Power source 50Hz, 220 - 240 V Single phase Maximum running current 8.5A 9.1A 11.0A 1. Remove the valve cover from the outdoor unit. 2. Connect power cord to the terminal block L, N and Circuit breaker 11.0A 12.0A...

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This manual is also suitable for:

[Ras-13n3kv2 series](#)[Ras-10n3kv2 series](#)[Ras-10n3av2 series](#)[Ras-13n3av2 series](#)[Ras-16n3av2 series](#)