

Air Conditioner Operation And Performance - Toshiba RAS-10SKVP- ND Owner's Manual

1
Table Of Contents
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61

•

[Table of Contents](#)

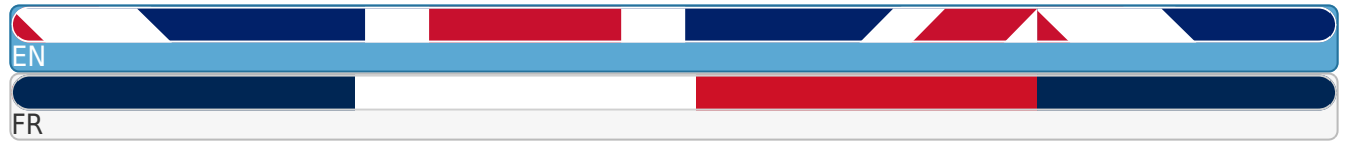
-

Troubleshooting

•

Bookmarks

Available languages





AIR CONDITIONER OPERATION AND PERFORMANCE

Three-minute protection feature

A protection feature is provided that prevents the air conditioner from being activated for approximately 3 minutes when it is restarted immediately after operation or when the power supply switch is set to on. This is used to protect the machine.

Heating characteristics

Preheating operation

The air conditioner does not deliver warm air immediately after it is started.

Warm air flows out after approximately 5 minutes when the indoor heat exchanger has warmed up.

Warm air control

When the room temperature reaches the temperature setting, the fan indoor speed is automatically reduced. The outdoor unit is stopped at this time.

Defrosting

If frost has formed on the outdoor unit during the heating operation, defrosting is started automatically (for approximately 5 to 10 minutes) to maintain the heating effect.

• The fans in both the indoor and outdoor units stop during the defrost operation.

• During the defrost operation, defrosted water is drained from the bottom plate of the outdoor unit.

AIR CONDITIONER OPERATION AND PERFORMANCE

Three-minute protection feature

A protection feature is provided that prevents the air conditioner from being activated for approximately 3 minutes when it is restarted immediately after operation or when the power supply switch is set to on. This is used to protect the machine.

Heating characteristics

Preheating operation

The air conditioner does not deliver warm air immediately after it is started.

Warm air flows out after approximately 5 minutes when the indoor heat exchanger has warmed up.

Warm air control

When the room temperature reaches the temperature setting, the fan indoor speed is automatically reduced. The outdoor unit is stopped at this time.

Defrosting

If frost has formed on the outdoor unit during the heating operation, defrosting is started automatically (for approximately 5 to 10 minutes) to maintain the heating effect.

• The fans in both the indoor and outdoor units stop during the defrost operation.

• During the defrost operation, defrosted water is drained from the bottom plate of the outdoor unit.

Heating capacity

In the heating operation, heat is absorbed from outdoors and released into the room. That is called the heat pump system. When the outdoor temperature is too low, usage of another heating apparatus in combination with the air conditioner is recommended.

01 OwnersManual EN.fm Page 24 Wednesday, January 10, 2007 3:54 PM

Consideration for accumulated snow

Select the position for the outdoor unit where it will not be subjected to snow drifts, accumulation of leaves or other seasonal debris. It is important that the air flow of the outdoor unit is not blocked as this will result in reduced heating or cooling performance. During the heating mode and at sub-zero temperatures, the water drained off the outdoor unit as a result of the automatic defrost may accumulate and freeze. It is important that adequate drainage or a soak-way be provided.

Power failure

Power failure during operation stops the unit completely.

- The OPERATION indicator (green) on the indoor unit starts flashing when power is restored.
- To restart operation, push the
- Lightning or a car wireless telephone operating nearby may cause the unit to malfunction. Turn the power supply switch off and then on again. Push the

button on the remote controller.

Air conditioner operating conditions

For proper performance, operate the air conditioner under the following temperature conditions.

Cooling operation

Heating operation

Dry operation

If the air conditioner

EN

button on the remote controller.

Outdoor temperature:

Room temperature:

21°C to 32°C

CAUTION

Room relative humidity —

range, the surface of the air conditioner may attract condensation.

Outdoor temperature:

Room temperature:

Less than 28°C

Outdoor temperature:

Room temperature:

17°C to 32°C

24

AIR CONDITIONER OPERATION AND PERFORMANCE

Three-minute protection feature

A protection feature is provided that prevents the air conditioner from being activated for approximately three minutes immediately after operation or when the power supply switch is set to on. This is used to protect the motor.

Heating characteristics

Preheating operation

The air conditioner does not deliver warm air immediately after it is started.

Warm air flows out after approximately 5 minutes when the indoor heat exchanger has warmed up.

Warm air control

When the room temperature reaches the temperature setting, the fan indicator speed is automatically reduced.

The outdoor unit is stopped at this time.

Defrosting

If frost has formed on the outdoor unit during the heating operation, defrosting is started automatically (approximately 5 to 10 minutes) to maintain the heating effect.

- The fans in both the indoor and outdoor units stop during the defrost operation.
- During the defrost operation, defrosted water is drained from the bottom plate of the outdoor unit.

Heating capacity

In the heating operation, heat is absorbed from outdoors and released into the room. That is called the heat pump system. When the outdoor temperature is too low, usage of another heating apparatus in combination with the air conditioner is recommended.

Consideration for accumulated snow

Select the position for the outdoor unit where it will not be subjected to snow drifts, accumulation of leaves or other seasonal debris. It is important that the air flow of the outdoor unit is not blocked as this will result in reduced heating or cooling performance. During the heating mode and at sub-zero temperatures, the water drained off the outdoor unit as a result of the automatic defrost may accumulate and freeze. It is important that adequate drainage or a soak-way be provided.

[Previous Page](#)
[Next Page](#)

1
...
25
26
27
28
29
30
31
32

Quick Links:

[Remote Controller and Its Functions](#)

[Cooling/Heating Operation](#)

[Special Maintenance](#)

[Specifications](#)

Related Manuals for Toshiba RAS-10SKVP-ND

[Air Conditioner Toshiba RAS-16SKVP-ND Owner's Manual](#)

(230 pages)

[Air Conditioner Toshiba RAS-10SKVP-ND Installation Manual](#)

(132 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Service Manual](#)

(120 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Service Manual](#)

Split type air conditioner (119 pages)

[Air Conditioner Toshiba RAS-10SAVP-E Service Manual](#)

(119 pages)

[Air Conditioner Toshiba RAS-10SA-E Service Manual](#)

Split wall type (56 pages)

[Air Conditioner Toshiba RAS-10SAV-A Service Manual](#)

Split wall type (94 pages)

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

(8 pages)

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

Split type (3 pages)

[Air Conditioner Toshiba RAS-10SKVP2 Series Installation Manual](#)

(10 pages)

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

Indoor/outdoor unit, split type air conditioner (120 pages)

[Air Conditioner Toshiba RAS-13SKV2-E Service Manual](#)

Split type (111 pages)

[Air Conditioner Toshiba RAS-10SKH-E Service Manual](#)

Split wall type air conditioner (62 pages)

[Air Conditioner Toshiba RAS-16SKV Series Owner's Manual](#)

(52 pages)

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

(12 pages)

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

(8 pages)

Related Content for Toshiba RAS-10SKVP-ND

[RAS-10JAVP-E Air Conditioner Operation And Performance](#)

Toshiba RAS-10JAVP-E

[RAV-SM182UTP-UL Operating Air Conditioner Without Remote Controller \(Temporary Operation\)](#)

Toshiba RAV-SM182UTP-UL

[MMD-VNK802HEXE Air Conditioner Operations And Performance](#)

Toshiba MMD-VNK802HEXE

[RAV-SM1103DT-A Air Conditioner Operations And Performance](#)

Toshiba RAV-SM1103DT-A

[RAS-M13PKVPG-E Inspect Air Conditioner Regularly To Ensure Efficient Operation](#)

Toshiba RAS-M13PKVPG-E

[RDA-S1601HA / D015-ME Air Conditioner Operations And Performance](#)

Toshiba RDA-S1601HA / D015-ME

[RAV-SM564UT-K Air Conditioner Operations And Performance](#)

Toshiba RAV-SM564UT-K

[RAS-25PKVPG-ND Inspect Air Conditioner Regularly To Ensure Efficient Operation](#)

This manual is also suitable for:

[Ras-13skvp-ndRas-16skvp-ndRas-10savp-ndRas-13savp-ndRas-16savp-nd](#)

[Save PDF](#)