

Eco Operation - Toshiba RAS-13SKV-E Service Manual

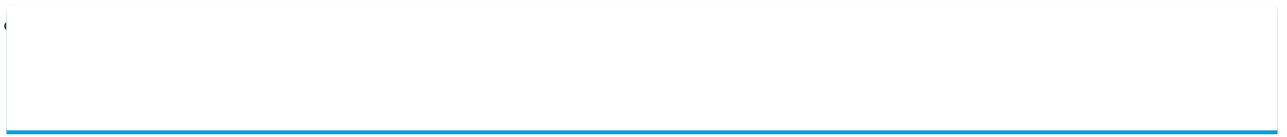
Split type indoor/outdoor unit

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Troubleshooting

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Bookmarks



Item

9. ECO

When pressing [ECO] button on the remote controller, a

operation

Economic operation is performed.

<Cooling operation>

This function operates the air conditioner with the difference between the set and the room temperature as shown in the following figure.

TA
+6.5
+6.0
+5.5
+5.0
+4.5
+4.0
+3.5
+3.0
+2.5
+2.0



+1.5
+1.0
+0.5
TSC
-0.5
-1.0
-2.0
1H

Cool min
DRY max
<Heating operation>
0

-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
-9.0
-10.0
-11.0

Operation flow and applicable data, etc

2H
3H
4H

- * 12 (DRY max - COOL min) / 6 x 5 + COOL min
- * 11 (DRY max - COOL min) / 6 x 4 + COOL min
- * 10 (DRY max - COOL min) / 6 x 3 + COOL min
- * 9 (DRY max - COOL min) / 6 x 2 + COOL min
- * 8 (DRY max - COOL min) / 6 x 1 + COOL min

Hz

10SKVR-E 13SKV-E 13SKVR-E 16SKV-E,16SKVR-E

20

20

35

37

30 minutes

A

B

A

B

C

C

10SKVR-E

Hz

13SKV-E

a

20

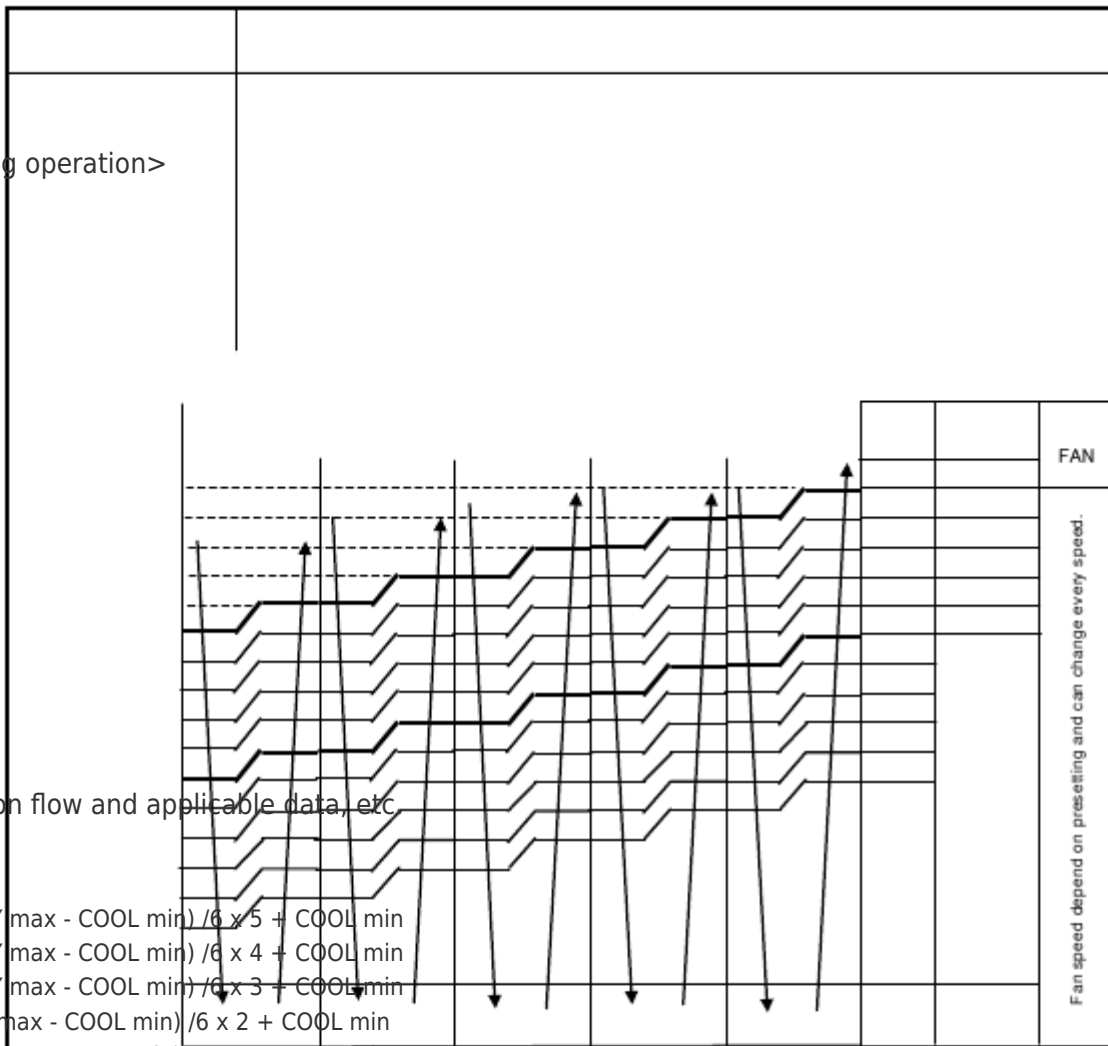
c

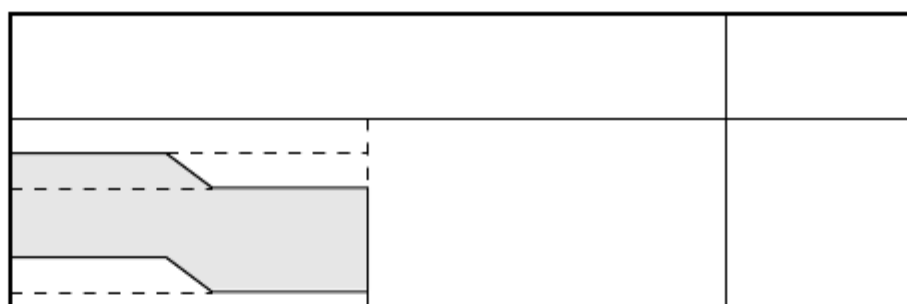
50

Zone Frequency

12

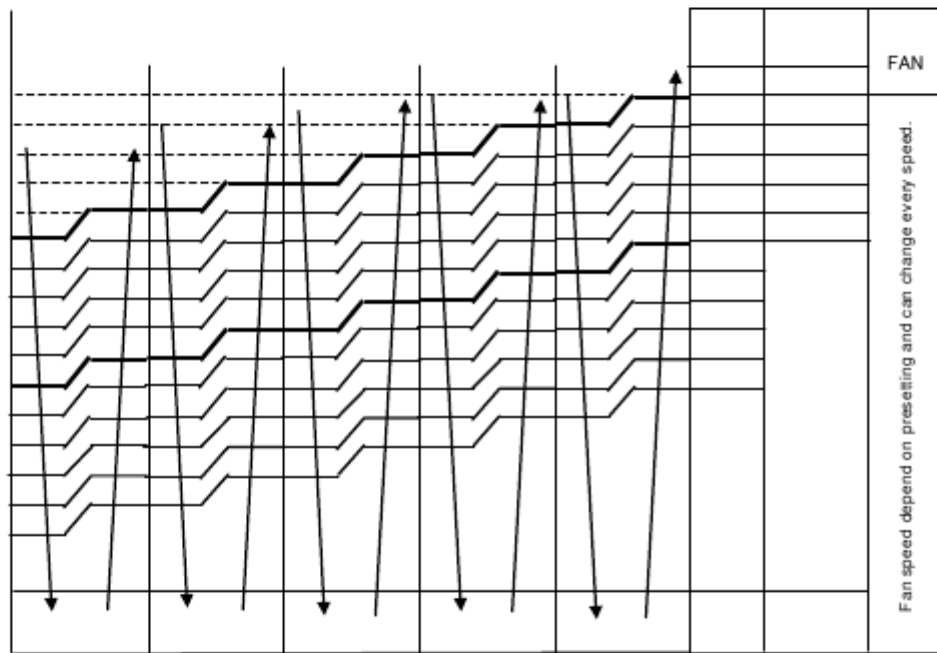
Dry Max





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11
 *12
 10
 *11
 *10
 9
 8
 *9
 7
 *8
 6
 5
 4
 3
 2
 Min
 1
 Hz
 OFF
 Time
 13
 13
 31
 35
 → Time Compressor
 speed
 0Hz
 A zone
 aHz
 B zone
 a to cHz
 C zone
 cHz
 16SKV-E
 13SKVR-E
 16SKVR-E
 13
 13
 43
 50
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Description

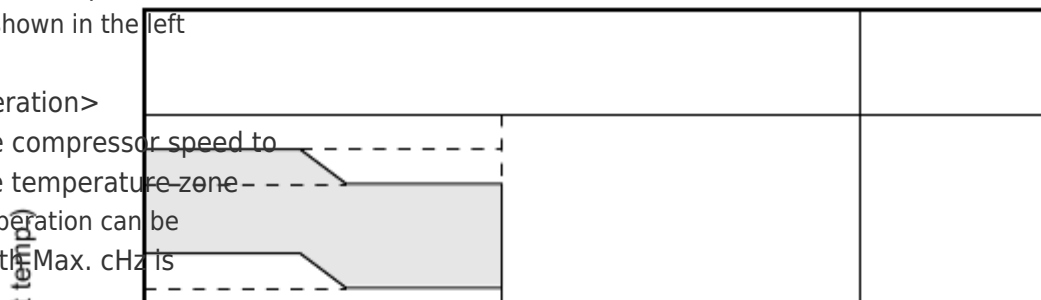
<Cooling operation>

- 1) The control target temperature increase 0.5°C per hour up to 2°C starting from the set temperature when ECONO has been received.
- 2) The indoor fan speed is depend on presetting and can change every speed after setting ECO operation.

3) The compressor speed is controlled as shown in the left figure.

<Heating operation>

- 1) Setting the compressor speed to Max. aHz, the temperature-zone in which the operation can be performed with Max. cHz is



gradually widened after 30
minutes passed when starting

ECO operation.

2) The indoor fan speed is depend
on presetting and can change
every speed after setting ECO
operation.

Revised-1

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

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(119 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Owner's Manual](#)

Split type; for general public use (31 pages)

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(20 pages)

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(8 pages)

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(8 pages)

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[RAS-18S3KV-E Eco Operation](#)

Toshiba RAS-18S3KV-E

[RAS-M07N4KVRG-E Eco Operation](#)

Toshiba RAS-M07N4KVRG-E

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