



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

Indoor/outdoor unit, split type air conditioner



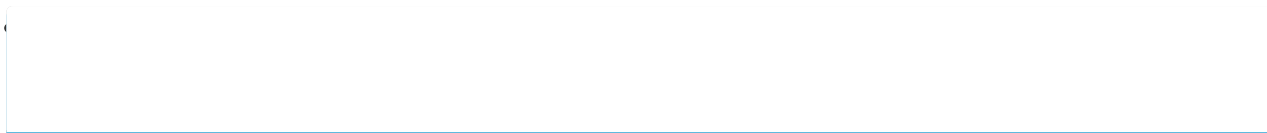
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18

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  
62  
63  
64  
65  
66  
67  
68

69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118

119

120



•

[Table of Contents](#)

- 

Troubleshooting



•

## Bookmarks





Item

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

9. ECO

Economic operation is performed.

operation

<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

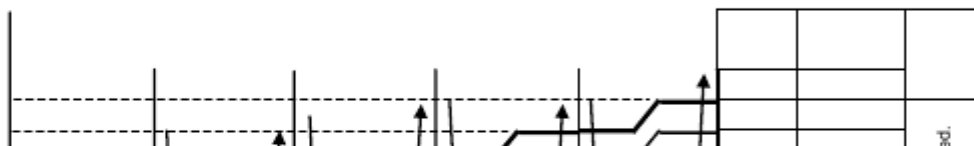
+5.0

+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

<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

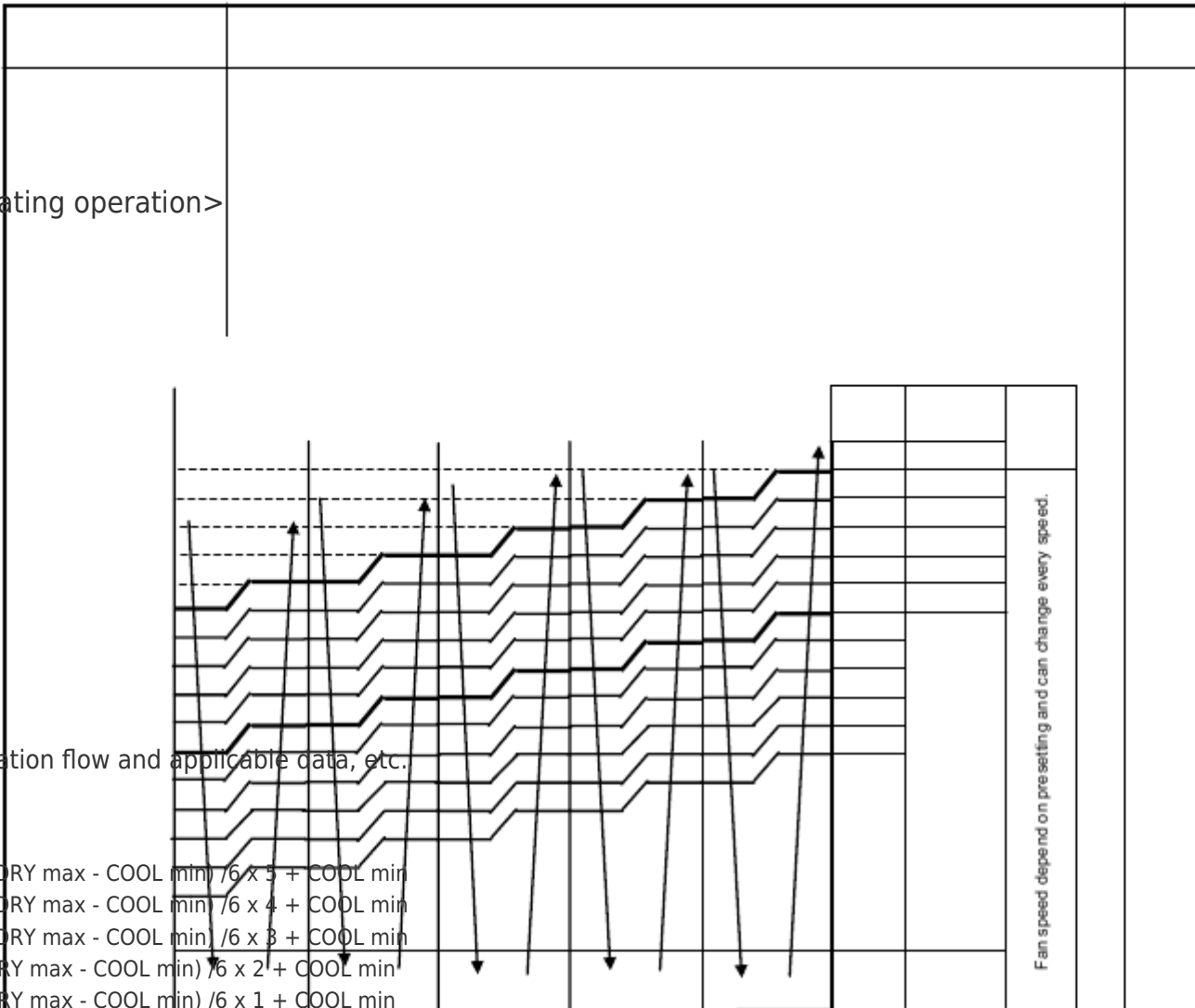
- \* 12 (DRY max - COOL min) / 6 x 5 + COOL min
- \* 11 (DRY max - COOL min) / 6 x 4 + COOL min
- \* 10 (DRY max - COOL min) / 6 x 3 + COOL min
- \* 9 (DRY max - COOL min) / 6 x 2 + COOL min
- \* 8 (DRY max - COOL min) / 6 x 1 + COOL min

Hz  
10SKVR-E 13SKV-E 13SKVR-E 16SKV-E,16SKVR-E  
Cool min

20  
20  
DRY max  
35  
37  
30 minutes

A  
B  
C  
10SKVR-E  
Hz  
13SKV-E

a  
20  
c  
50  
Zone Frequency  
FAN  
12  
Dry Max

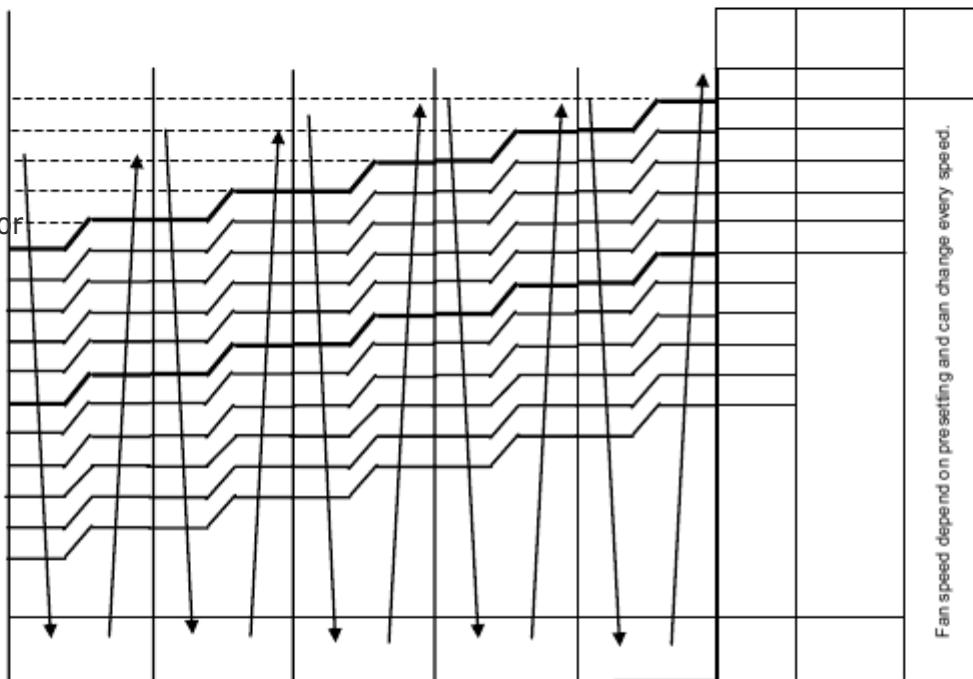


ManualsLib.com




mp.)

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  
 A zone  
 aHz  
 B zone  
 B  
 a to chz  
 C zone  
 C  
 chz  
 16SKV-E  
 13SKVR-E  
 16SKVR-E  
 13  
 13  
 43  
 50  
 - 41 -  
 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.  
 <Heating operation>  
 1) Setting the compressor speed to  
 Max. aHz, the temperature zone



ManualsLib.com



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.

[Table of Contents](#)

1  
...  
38  
39  
40  
41  
42  
43  
44  
45



Quick Links:

[Service Manual](#)

[Specifications](#)

[How to Diagnose the Trouble](#)

## Chapters

[Service Manual 2](#)

[Auto Restart Function/Remote Controller and Its Functions 31](#)

## Related Manuals for Toshiba RAS-13SKV-E

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

Split type indoor/outdoor unit (121 pages)

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

Split type air conditioner (119 pages)

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

Split type air conditioner (91 pages)

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

(19 pages)

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

(148 pages)

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

(120 pages)

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

(230 pages)

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

(8 pages)

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

Air conditioner (split type) (4 pages)

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

Split wall type air conditioner (70 pages)

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

Split wall type (68 pages)

[Air Conditioner Toshiba RAS-B10 Series Installation Manual](#)

(68 pages)

[Air Conditioner Toshiba RAS-10S3KV-E Owner's Manual](#)

(7 pages)

[Air Conditioner Toshiba RAS-13S3KV-E Service Manual](#)

(108 pages)

[Air Conditioner Toshiba RAS-24S3KHS-EE Owner's Manual](#)

(8 pages)

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

(8 pages)

## Related Content for Toshiba RAS-13SKV-E

[RAS-M05G3KVSG-E Eco Operation](#)

Toshiba RAS-M05G3KVSG-E

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

Toshiba RAS-18S3KV-E

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

Toshiba RAS-M07N4KVRG-E

[RAS-25G3KVSG-ND Eco Operation](#)

Toshiba RAS-25G3KVSG-ND

[RAS-25E2KVG-ND Eco Operation](#)

Toshiba RAS-25E2KVG-ND

[RAS-13S3KV-E Eco Operation](#)

Toshiba RAS-13S3KV-E

[RAS-B05BKVG-E Eco Operation](#)

Toshiba RAS-B05BKVG-E

[RAS-B05E2KVG-E Eco Operation](#)

Toshiba RAS-B05E2KVG-E

This manual is also suitable for:

[Ras-13sav-eRas-16skv-eRas-10savr-eRas-13skvr-eRas-13savr-eRas-16sav-e](#) ... [Show all](#)