



# Control Block Diagram - Toshiba RAS-13SKV-E Service Manual

Split type indoor/outdoor unit

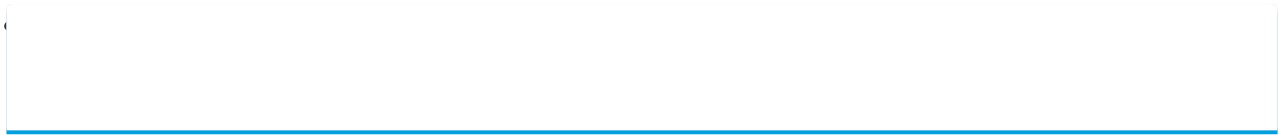


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Troubleshooting



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## Bookmarks





## 8-1. Indoor Unit

### RAS-13SKV-E

Heat Exchanger Sensor (Tc)

Room Temperature Sensor (Ta)

Infrared Rays Signal Receiver  
and Indication

Initializing Circuit

Clock Frequency

Oscillator Circuit

Power Supply

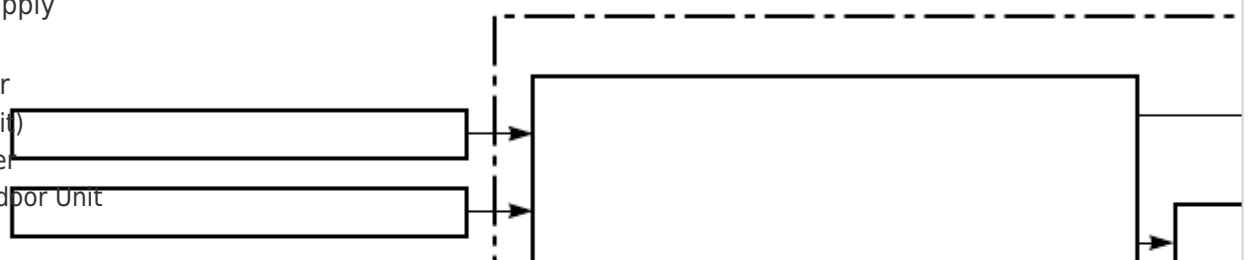
Circuit

Converter

(D.C circuit)

Noise Filter

From Outdoor Unit



~  
 220-240V  
 50Hz  
 REMOTE CONTROLLER

## 8. CONTROL BLOCK DIAGRAM

M.C.U.

Functions

- Cold draft preventing Function
- 3-minute Delay at Restart for Compressor
- Fan Motor Starting Control
- Processing (Temperature Processing)
- Timer
- Serial Signal Communication
- Clean Function

Serial Signal Transmitter/Receiver  
 Serial Signal Communication  
 (Operation Command and Information)

Remote Controller  
 Operation (START/STOP)  
 Operation Mode Selection  
 AUTO, COOL, DRY, HEAT

Fan Speed Selection  
 OFF TIMER Setting

Louver AUTO Swing  
 Louver Direction Setting  
 COMFORT SLEEP

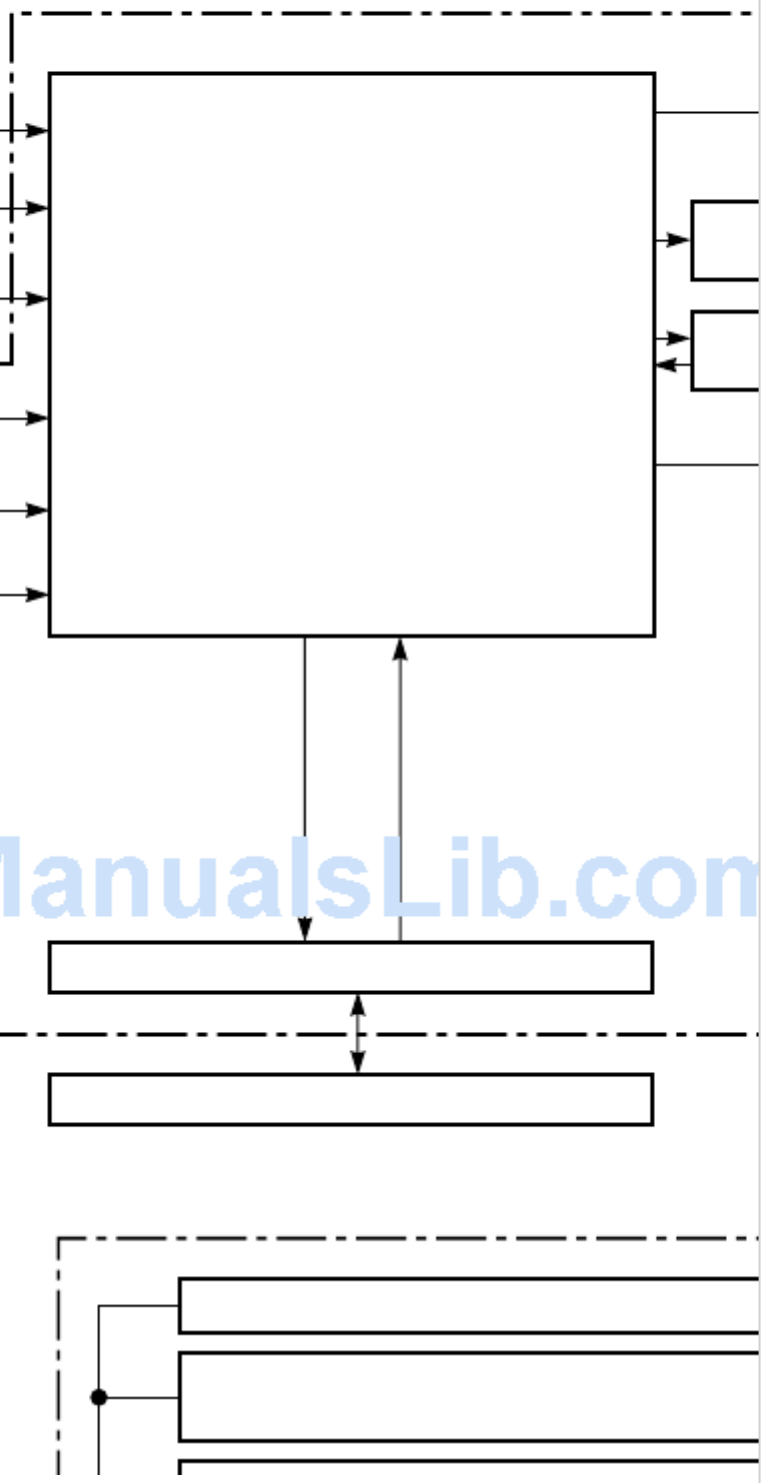
- 25 -  
 Indoor Unit Control Unit  
 Louver Motor  
 Drive Control  
 Motor Control

Thermo. Setting  
 ON TIMER Setting

ECO  
 Hi-POWER  
 QUIET

**Revised-1**

Louver  
 Motor  
 Indoor Fan  
 Indoor  
 Fan Motor  
 Infrared Rays, 36.7kHz



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[Indoor Unit](#)

[How to Diagnose the Trouble](#)

## Chapters

[Service Manual 2](#)

[Auto Restart Function/Remote Controller and Its Functions 32](#)

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

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

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



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

(119 pages)

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

Split type; for general public use (31 pages)

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

Split type air conditioner (119 pages)

[Air Conditioner Toshiba RAS-10SKVP-ND Owner's Manual](#)

(61 pages)

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

(230 pages)

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

Air conditioner (split type) (4 pages)

[Air Conditioner Toshiba RAS-M14GAV-E Installation Manual](#)

Split type (12 pages)

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

Split wall type air conditioner (70 pages)

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

Split type (111 pages)

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

Air conditioner split wall type (56 pages)

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

Split type indoor unit outdoor unit ras-07, 10, 13 skhp series, ras-07, 10, 13 s2ah series (4 pages)

[Air Conditioner Toshiba RAS-10SKVP2-E Service Manual](#)

Split type indoor unit high wall, heat pump type outdoor unit heat pump type (111 pages)

[Air Conditioner Toshiba RAS-10S3KHS-EE Installation Manual](#)

(20 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-B07G3KVSG-E Control Block Diagram](#)

Toshiba RAS-B07G3KVSG-E

[RAS-25S4KVDG-ND Control Block Diagram](#)

Toshiba RAS-25S4KVDG-ND

[RAS-B22PKVSG-TR Control Block Diagram](#)

Toshiba RAS-B22PKVSG-TR

[RAS-25S4KVPG-ND Control Block Diagram](#)

Toshiba RAS-25S4KVPG-ND

[RAS-10S3AV-E Control Block Diagram](#)

Toshiba RAS-10S3AV-E

[RAV-GM901BTP Series Control Block Diagram](#)

Toshiba RAV-GM901BTP Series

[MMD-AP0721HP-UL1 Indoor Control Block Diagram](#)

Toshiba MMD-AP0721HP-UL1

[RAS-M05G3KVSG-E Control Block Diagram](#)

Toshiba RAS-M05G3KVSG-E

This manual is also suitable for:

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