



# Refrigerant Cycle Diagram - Toshiba RAS-10SKVP2-E Service Manual

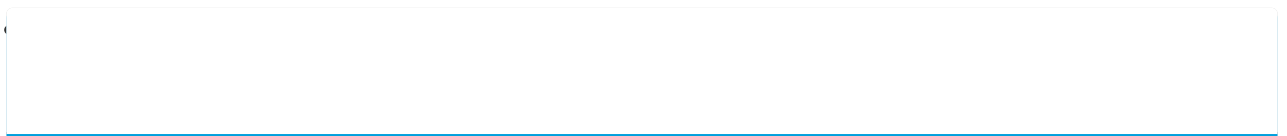
Split type indoor unit high wall, heat pump type outdoor unit heat pump type



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Troubleshooting



•

## Bookmarks





## 7-1. Refrigerant Cycle Diagram

Pressure measurement

P

Gauge attaching port

Vacuum pump connecting port

Deoxidized copper pipe

Outer dia. : 9.52mm (10,13)

: 12.7mm (16)

Thickness : 0.8mm

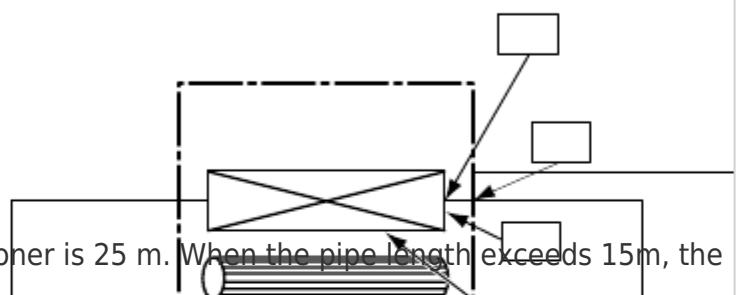
4-way valve

TS

Temp. measurement

NOTE :

- The maximum pipe length of this air conditioner is 25 m. When the pipe length exceeds 15m, the



additional

charging of refrigerant, 20g per 1m for the part of pipe exceeded 15m is required. (Max. 200g)

## 7. REFRIGERANT CYCLE DIAGRAM

### INDOOR UNIT

Indoor heat

exchanger

Cross flow fan

Deoxidized copper pipe

Outer dia. : 6.35mm

Thickness : 0.8mm

Sectional shape

of heat insulator

Muffler

Muffler

TD

Compressor

DA111A1F-20F1

Outdoor heat

exchanger

T2

Propeller fan

### OUTDOOR UNIT

Temp. measurement

T1

Tcj

TC

TA

TO

Split capillary

Ø1.2 x 30

Ø1.2 x 30

TE

NOTE :

-

-

18

FILE NO. SVM-11015-1

Max.

Min.

Chargeless : 15m

Charge : 20g/m

(16 to 25m)

Muffler

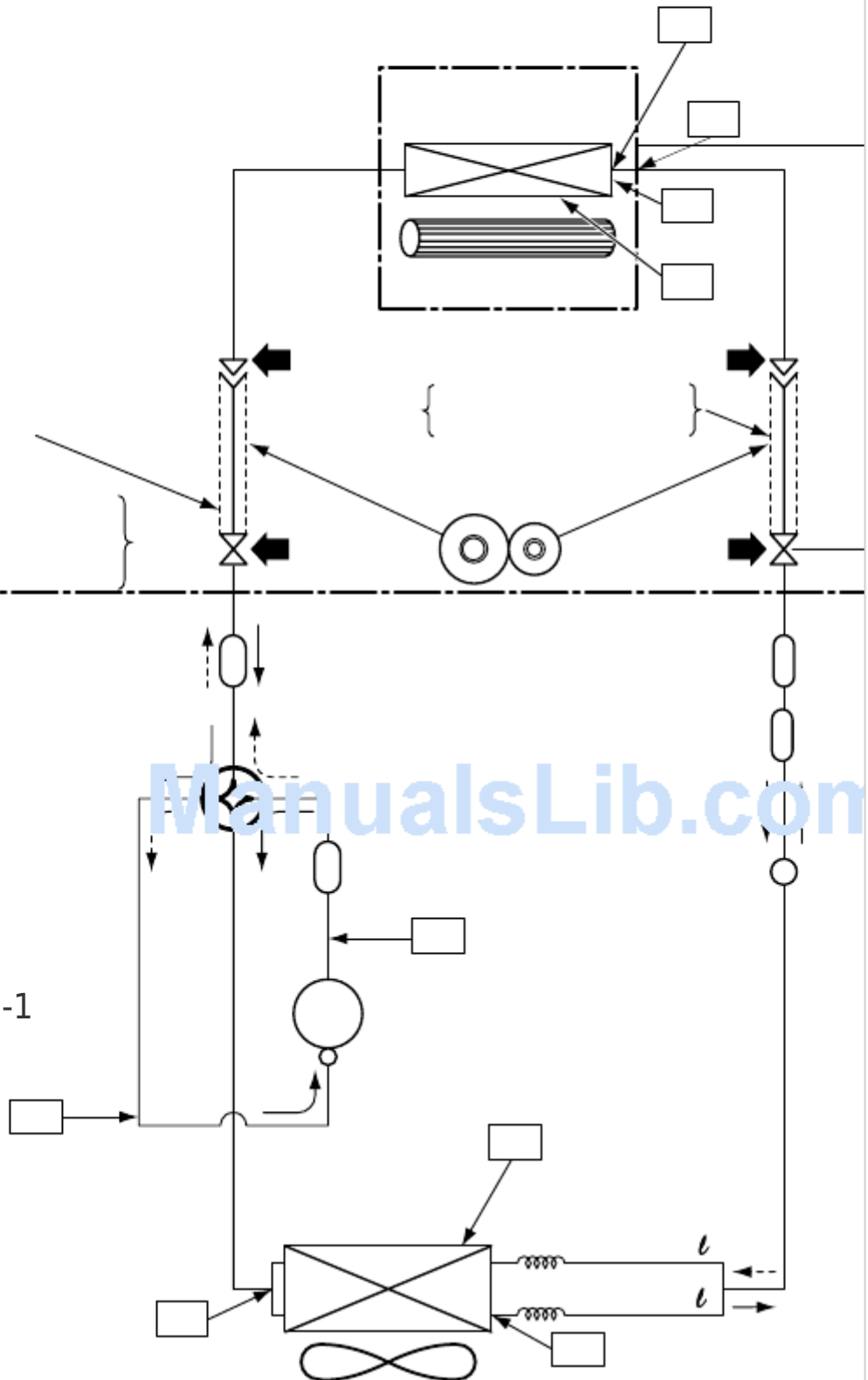
Strainer

Pulse Modulating

valve at liquid side

Refrigerant amount : 1.05kg

Gas leak check position



ManualsLib.com

Refrigerant flow (Cooling)  
Refrigerant flow (Heating)  
: 25m  
: 2m

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[Service Manual](#)

[Specifications](#)

[Indoor Unit](#)

## Chapters

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### Related Manuals for Toshiba RAS-10SKVP2-E

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

Split wall type (94 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-10SKVP-ND Installation Manual](#)

(132 pages)

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

(8 pages)

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

Split type (6 pages)

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

Air conditioner (split type) (8 pages)

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

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

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

Split type indoor/outdoor unit (121 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)

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Split wall type (68 pages)

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Split type (4 pages)

[Air Conditioner Toshiba RAS-10\(7\)~16\(7\)SKV Series Installation Manual](#)

Air conditioner (split type) (11 pages)

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

Air conditioner (split type) (4 pages)

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

(8 pages)

## Related Content for Toshiba RAS-10SKVP2-E

[Carrier TCB-IFDMR01UP-UL Refrigerant Cycle Diagram](#)

Toshiba Carrier TCB-IFDMR01UP-UL

[MMD-UP0721HFP-UL Refrigerant Cycle Diagram](#)

Toshiba MMD-UP0721HFP-UL

[RAS-24J2KVG-UA Refrigerant Cycle Diagram](#)

Toshiba RAS-24J2KVG-UA

[MMD-UP0481HFP-UL Refrigerant Cycle Diagram](#)

Toshiba MMD-UP0481HFP-UL

[MMD-UP0721HFP Series Refrigerant Cycle Diagram](#)

Toshiba MMD-UP0721HFP Series

[RAS-B07G3KVSG-E Refrigerant Cycle Diagram](#)

Toshiba RAS-B07G3KVSG-E

[RAS-25S4KVDG-ND Refrigerant Cycle Diagram](#)

Toshiba RAS-25S4KVDG-ND

[MMW-UP0271LQ-E Refrigerant Cycle Diagram](#)

Toshiba MMW-UP0271LQ-E

This manual is also suitable for:

[Ras-10savg2-eRas-16savg2-eRas-13savg2-eRas-13skvp2-eRas-16skvp2-e](#)