



# Refrigerant Cycle Diagram - Toshiba RAS-18PKVSG-E Service Manual

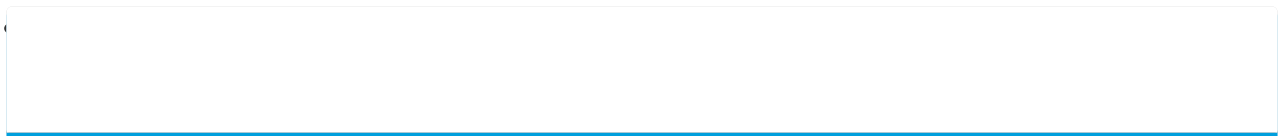


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## Bookmarks





## 7-1. Refrigerant Cycle Diagram

RAS-18PKVSG-E / RAS-18PAVSG-E

RAS-22PKVSG-E / RAS-22PAVSG-E

Pressure measurement

P

Gauge attaching port

Vacuum pump connecting port

Deoxidized copper pipe

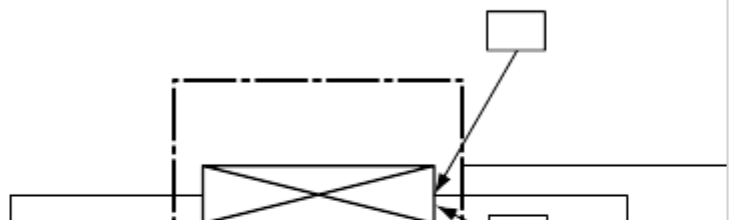
Outer dia. : 12.70mm

Thickness : 0.8mm

4-way valve

TS

Temp. measurement



# 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

- TD
- Compressor
- KTN130D30UFZ

- Outdoor heat exchanger
- T2
- Propeller fan

## OUTDOOR UNIT

- Temp. measurement
- T1
- TC
- TA
- TO
- Split capillary
- TE

18k and ZK Refrigerant amount : 1.10kg

NOTE :

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FILE NO. SVM-17001

Max.

Min.

Chargeless : 15m

Strainer

Pulse Modulating valve at liquid side

Strainer

Gas leak check position

Refrigerant flow (Cooling)

Refrigerant flow (Heating)

: 20m

: 2m

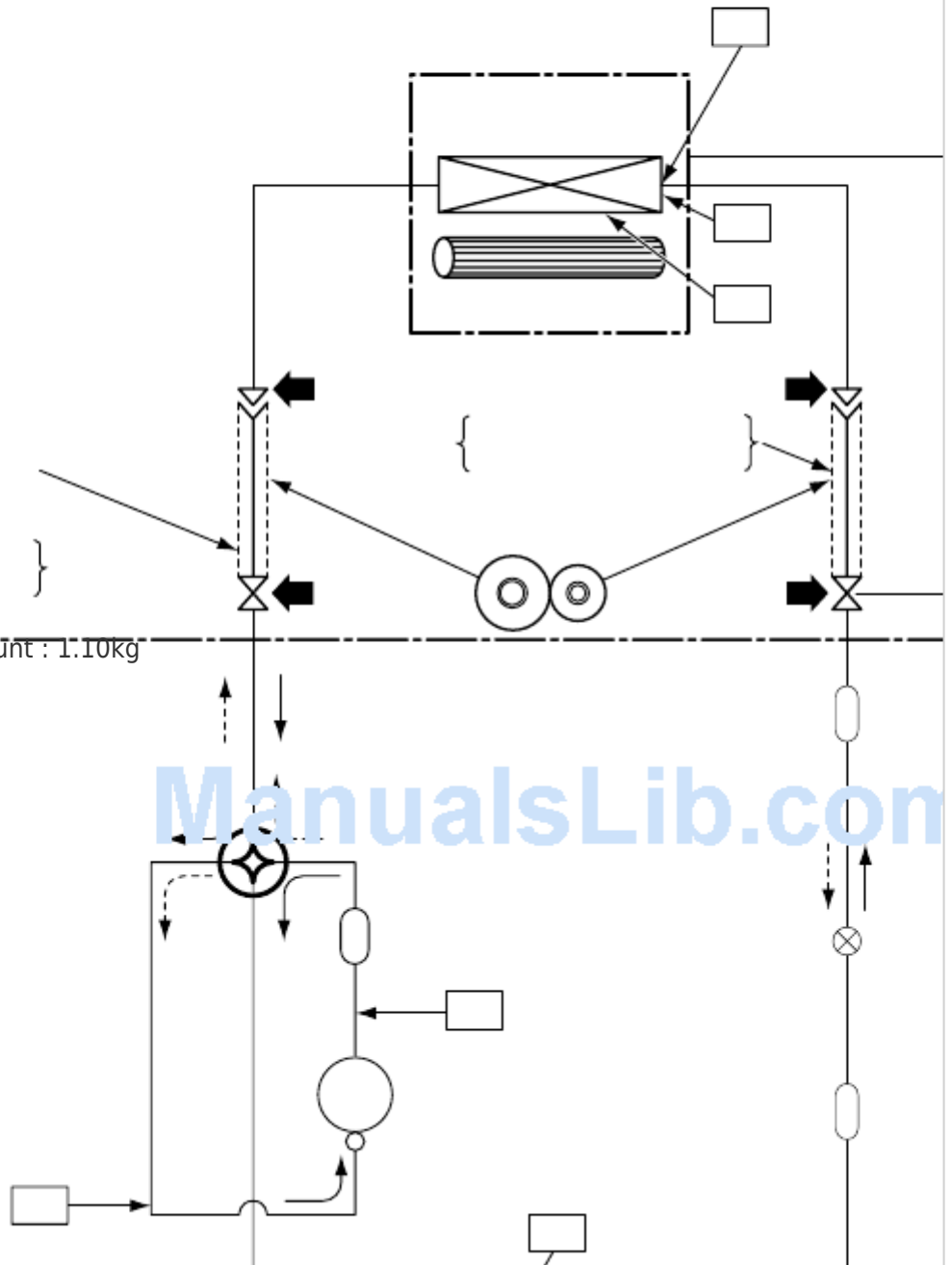


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[Service Manual](#)

[Specifications](#)

[How to Diagnose the Trouble](#)

## Chapters

[Service Manual 2](#)

[9-2. Operation Description 30](#)

### Related Manuals for Toshiba RAS-18PKVSG-E

[Air Conditioner Toshiba RAS-18PAVSG-E Owner's Manual](#)

(168 pages)



[Air Conditioner Toshiba RAS-B22PKVSG-E Installation Manual](#)

(22 pages)

[Air Conditioner Toshiba RAS-24PAVSG-E Installation Manual](#)

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[Air Conditioner Toshiba RAS-24PKVSG-E Owner's Manual](#)

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

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## Related Content for Toshiba RAS-18PKVSG-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-22pkvsg-eRas-24pavsg-eRas-24pkvsg-eRas-18pavsg-eRas-22pavsg-e](#)