

SPECIALLY FOR AIR-CONDITIONING REFRIGERANT SYSTEMS

Model	Specification	
	Inch	mm ODF
RV-YJST000-008-00	7/8	22.23
RV-YJST000-009-00	1	25.4
RV-YJST000-010-00	1-1/8	28.58
RV-YJST000-011-00	1-1/4	31.8
RV-YJST000-012-00	1-3/8	34.93
RV-YJST000-013-00	1-1/2	38.1
RV-YJST000-014-00	1-5/8	41.28
RV-YJST000-015-00	2-1/8	53.98

All dimensions are in mm.
 Operating temperature: -40°C ~ 180°C
 I/FEJ: 4.5 MPa
 Applicable refrigerants: R22, R134a, R404A, R407C, R410A, etc.

APPLICATION OF AIR-CONDITIONING BRANCH PIPES

Air-conditioning branch pipes are used in VRV air-conditioning systems to connect the main unit with multiple terminal units (evaporators). They are divided into gas pipes and liquid pipes, with the gas pipe generally having a larger diameter than the liquid pipe.

After passing through the expansion valve or capillary tube for throttling, the refrigerant flows out from the main unit outlet and enters the liquid pipe of the branch joint. The refrigerant is then distributed through the liquid pipe to other branch joints and terminal evaporators. After absorbing heat in the evaporators and becoming gas, the refrigerant returns to the compressor of the main unit through the gas pipe.

Multi-split system branch joints are used to connect several indoor units in series. The selection of branch joints is determined according to the capacity of the indoor units connected downstream of each branch joint.

Air-conditioning branch pipes can be installed horizontally or vertically:

- For horizontal installation, the angle between the branch outlet and the horizontal line must be less than 15°.
- For vertical installation, when facing the two branch outlets, the angle between either outlet and the vertical line must be less than 15°.
- The piping after the two branch outlets must have a straight pipe length of more than 600 mm.
- A small branch pipe must not replace a large branch pipe.

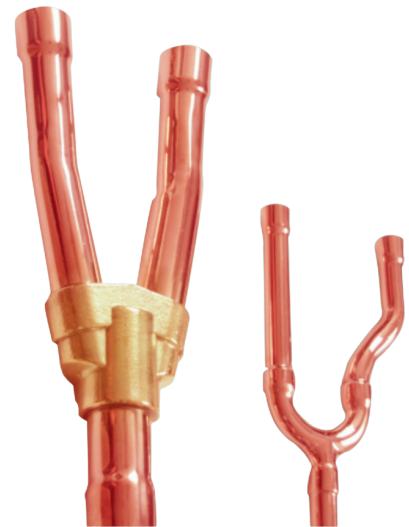
The inlet and outlet of the branch pipe are composed of multi-section copper pipes with different diameters, which increases flexibility in model selection.



Branch pipes are manufactured by processing and welding purple copper tubes, and their selection is extremely important.

Currently, VRV central air-conditioning systems mainly use R410A refrigerant. This refrigerant is more environmentally friendly and has better cooling performance than traditional refrigerants, but it also operates at a much higher pressure.

If the branch pipe is not selected properly, it may cause leakage or pipe bursting after installation, resulting in significant losses to the VRV air-conditioning system and creating unnecessary trouble.



AIR-CONDITIONING BRANCH PIPE SELECTION STANDARDS

1. Check the copper pipe material and surface appearance:

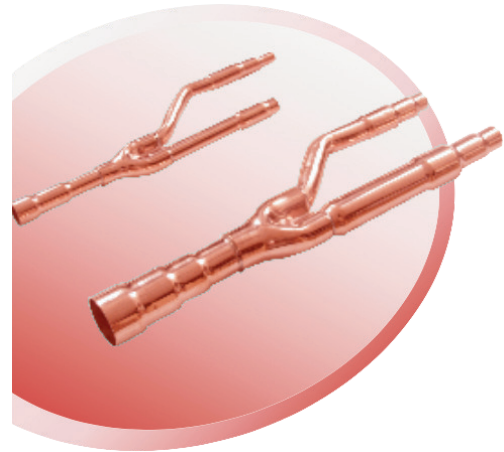
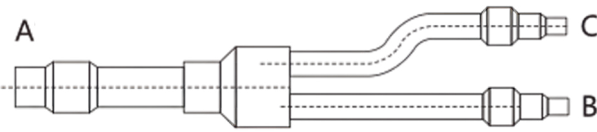
- a. The quality of the copper pipe directly determines the quality of the branch pipe. Currently, VRV central air-conditioning systems mainly use R410A refrigerant, which operates under higher pressure. Therefore, branch pipes must be manufactured using copper pipes specially designed for R410A. This type of copper pipe has higher density, more advanced manufacturing processes, and higher pressure resistance than ordinary copper pipes.
- b. Branch pipes made from ordinary TP2 copper pipes may show surface peeling, cracking, or striped/net-like patterns, indicating that the crystal structure of the copper material has been seriously damaged during processing. Selecting branch pipes with such defects will create serious hidden risks for the entire piping system.

2. **Check the thickness of the branch pipe:** The thicker the pipe, the higher the pressure it can withstand. Therefore, thickness should be one of the first factors to consider when selecting a branch pipe.

3. **Check the welding joints:** All branch outlets are formed by welding, and welding points are the most likely areas for problems. Common welding defects include sand holes, incomplete welding (cold joints), and internal oxide inclusions. A high-quality branch pipe should have smooth and clean inner and outer pipe walls, with welding joints that are clear, bright, and free of impurities.

ADVANTAGES OF RVG BRANCH PIPE PRODUCTS

1. **Exclusive customized brazing materials:** RVG uses its own specially customized welding materials, professional silver brazing technology, and internal cavity auxiliary welding, further improving product reliability.
2. **Optimized design for easy installation and cost control:** The optimized shape and length make installation easier while helping to control costs. The thickness at the three-way junction is specially increased, and the flow channels of both copper and brass three-way joints are optimized to reduce resistance, ensure proper flow rate, and guarantee smooth and balanced refrigerant distribution.
3. **Strict pressure testing for every unit:** Dedicated branch pipe testing equipment and special testing fixtures are used for each model. Every gas pipe and liquid pipe branch unit undergoes a 6.5 MPa pressure test before leaving the factory.
4. **Fast customized solutions:** Personalized customization can be quickly provided according to the user's required pipe diameter and product shape for actual installation needs.
5. **Flexible connection accessories:** Various reducer connectors and related fittings can be supplied based on the user's installation requirements.
6. **Standard insulation kit available:** Optional branch pipe insulation kits are provided, fully complying with the national standard GB20286-2006.



DAIKIN DJ-72T

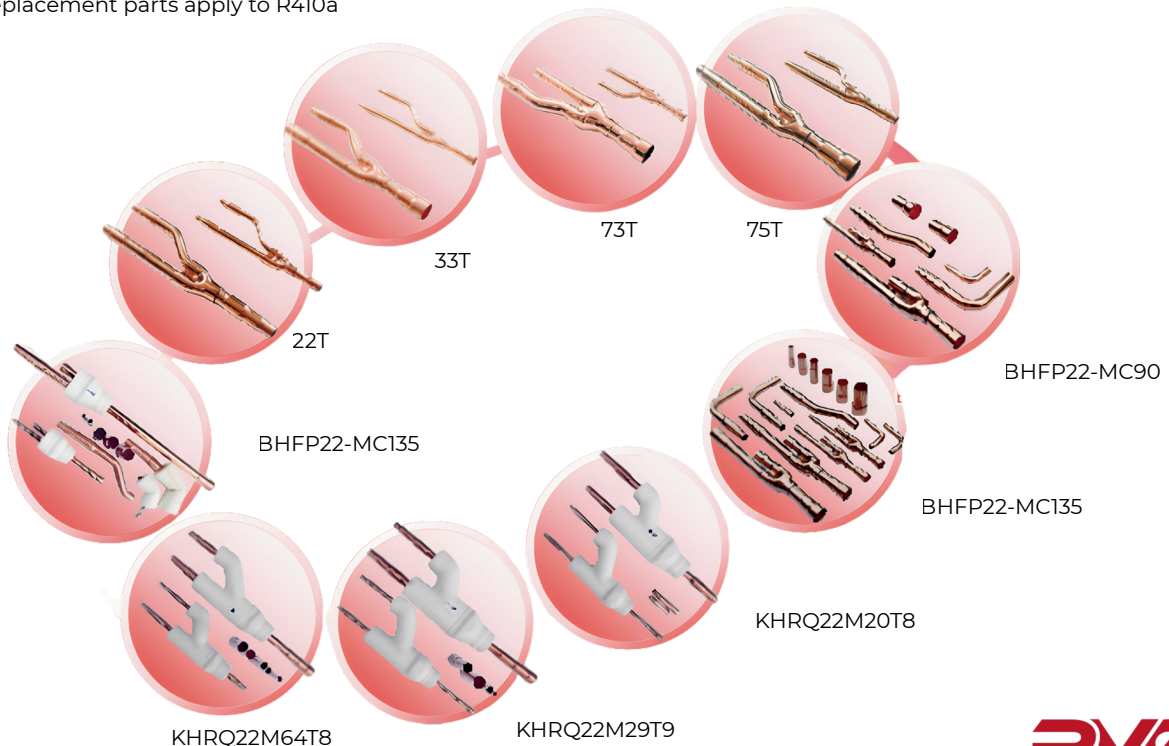
REPLACEMENT PARTS APPLICABLE TO R410A

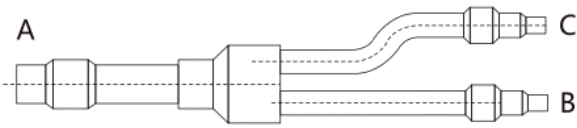
Model		Port A Diameter	Port B Diameter	Port C Diameter
KHRJ26MC-11T	Gas	15.9/19.1	15.9/12.7	15.9/12.7
	Liquid	9.6	9.6/6.4	9.6/6.4
KHRJ26MC-18T	Gas	15.9/19.1	19.1/15.9/12.7	15.9/12.7
	Liquid	9.6	9.6/6.4	9.6/6.4
KHRJ26MC-37T	Gas	31.8/28.6/25.4	25.4/19.1/15.9	19.1/15.9/12.7
	Liquid	15.9/12.7	12.7/9.6	12.7/9.6/6.4
	Reducers	Comes with 2 optional accessories.		
KHRJ26MC-40T	Gas	38.1/31.8	31.8/28.6/25.4	25.4/19.1/15.9
	Liquid	15.9/19.1	19.1/15.9/12.7	15.9/12.7/9.6
	Reducers	Comes with 4 optional accessories.		
KHRJ26MC-75T	Gas	44.5/38.1	38.1/31.8/25.4	31.8
	Liquid	22.2/19.1	19.1/15.9/12.7	19.1
	Reducers	Comes with 3 optional accessories.		
KHRP26A-22T	Gas	12.7/15.9/19.1	15.9/12.7	15.9/12.7
	Liquid	9.6	9.6/6.4	9.6/6.4
	Reducers	Comes with 1 optional accessories.		
KHRP26A-33T	Gas	22.2/19.1	19.1/15.9	15.9/12.7
	Liquid	12.7/9.6	9.6/6.4	9.6/6.4
	Reducers	Comes with 2 optional accessories.		
KHRP26A-72T	Gas	31.8/28.6/25.4	25.4/19.1/15.9	19.1/15.9/12.7
	Liquid	15.9/12.7	12.7/9.6	12.7/9.6/6.4
	Reducers	Comes with 3 optional accessories.		
KHRP26A-73T	Gas	38.1/31.8	31.8/28.6/25.4	25.4/19.1/15.9
	Liquid	15.9/19.1	19.1/15.9/12.7	15.9/12.7/9.6
	Reducers	Comes with 5 optional accessories.		
BHFP22-MC90 (For Outdoor Units)	Gas	31.8/28.6	28.6/25.4/22.3/	25.4
	Liquid	22.3/19.1/15.9	12.7/9.5	15.9
	Reducers	Comes with 4 optional accessories.		
BHFP22-MC135 (For Outdoor Units)	1Gas1	38.1/31.8	28.6/31.8	25.4
	1Liquid1	22.3/19.1	15.9/19.1	15.9
	2Gas2	31.8/28.6	28.6/25.4/22.3/	25.4
	2Liquid2	22.23/19.1/15.9	12.7/9.6	15.9
	Reducers	Comes with 12 optional accessories.		

Daikin replacement parts apply to R410a

NEW MODELS

Model	Notes
KHRP22M64T8	The items are produced according to original drawings. Pipings are optimized to make refrigerant distribute more fluently. Notes: The dimensions can be customized.
KHRP22M75T8	
KHRQ22M20T8	
KHRQ22M20TA8	
KHRQ22M29T9	
KHRQ22M64T8	
KHRQ22M75T8	
KHRP23M33T8	
KHRP23M64T8	
KHRP23M75T8	
KHRQ23M20T8	
KHRQ23M29T8	
KHRQ23M64T8	
KHRO23M75T8	

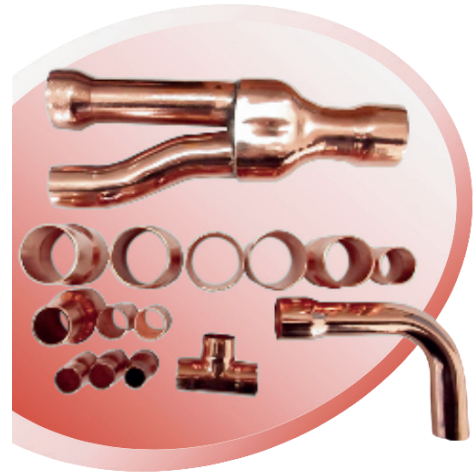




REPLACEMENT PARTS APPLICABLE TO R410A

Model		Port A Diameter	Port B Diameter	Port C Diameter
RBM-BY53E	Gas	15.9	12.7	12.7
	Liquid	12.7	9.6	9.6
	Reducers	Comes with 9 optional accessories.		
RBM-BY103E	Gas	22.3	19.1	19.1
	Liquid	15.9	12.7	12.7
	Reducers	Comes with 15 optional accessories.		
RBM-BY303E	Gas	38.1	38.1	38.1
	Reducers	Comes with 20 optional accessories.		
RBM-BY13E (For Outdoor Units)	Gas	38.1	38.1	38.1
	Liquid	22.3	22.3	22.3
	Reducers	Comes with 13 optional accessories.		

Toshiba replacement parts apply to R410a



TOSHIBA RBM-BT24E

NEW MODELS

Model		Port A Diameter	Port B Diameter	Port C Diameter
RBM-55E	Gas	15.9	15.9	15.9
	Liquid	15.9	15.9	15.9
RBM-105E	Gas	22.3	22.3	22.3
	Liquid	22.3	22.3	22.3
	Reducers	Comes with 4 optional accessories.		
RBM-205E	Gas	28.7	28.7	28.7
	Liquid	15.9	15.9	15.9
	Reducers	Comes with 10 optional accessories.		
RBM-305E	Gas	35	35	35
	Liquid	22.3	22.3	22.3
	Reducers	Comes with 11 optional accessories.		
RBM-BT14E (For Outdoor Units)	Gas	31.8	28.7	OD28.5
	Liquid	T19.1	T19.1	T19.1
	Liquid	T12.7	T12.7	T12.7
	Reducers	Comes with 8 optional accessories.		
RBM-BT24E (For Outdoor Units)	Gas	38.1	38.1	OD31.8
	Liquid	T28.7	T28.7	T28.7
	Liquid	T22.3	T22.3	T22.3
	Reducers	Comes with 13 optional accessories.		



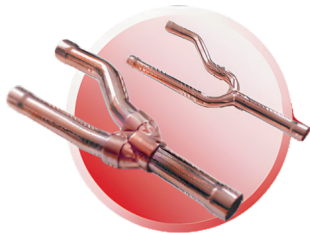
RBM-BY55E



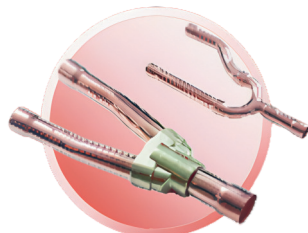
RBM-BY105E



RBM-BY205E



RBM-BY303E



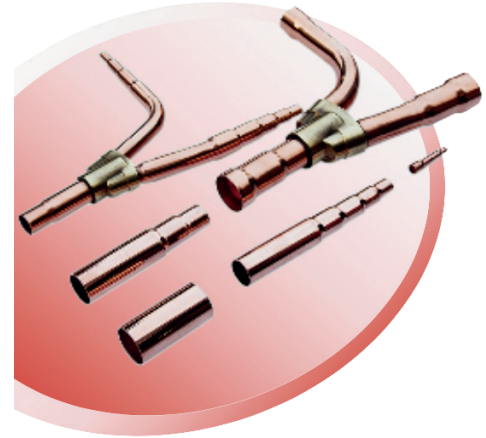
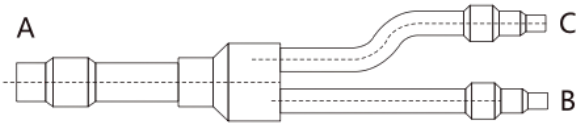
RBM-BY203E



RBM-BY305E

RV-YJ

RV-YJ BRANCH PIPES HITACHI



HITACHI RL-E302SN

REPLACEMENT PARTS APPLICABLE TO R410A

Model		Port A Diameter	Port B Diameter	Port C Diameter
RL-E52S3	Gas	22.3	19.1/22.3	719.1/15.9/12.7
	Liquid	9.6	9.6	19.6
	Reducers	Comes with 1 optional accessories.		
RL-E102SN	Gas	15.9/19.1/22.3	12.7/15.9/19.1/22.3	712.7/15.88
	Liquid	9.52	6.35/9.52	6.35/9.52
	Reducers	Comes with 1 optional accessories.		
RL-E162SN	Gas	28.6/25.4	28.6/25.4	112.7/15.9/19.1/22.3
	Liquid	12.7	9.52/12.7	6.35/9.52/12.7
	Reducers	Comes with 2 optional accessories.		
RL-E242SN	Gas	28.6/25.4	28.6/25.4	712.7/15.9/19.1/22.3
	Liquid	15.88	9.52/15.9/19.1	6.35/9.52/12.7/15.9
	Reducers	Comes with 2 optional accessories.		
RL-E302SN	Gas	38.1/31.8	38.1/31.8	128.6
	Liquid	19.1/22	9.52/12.7/15.9/19.1/22.3	6.35/9.52/12.7/15.9
	Reducers	Comes with 4 optional accessories.		
RL-M20SNQ (For Outdoor Units)	Gas	25.4/28.6	25.4/28.6	112.7/15.9/19.1/22.2
	Liquid	15.9	9.6/12.7/15.9/19.1	6.5/9.6/12.7/15.9
	Reducers	Comes with 2 optional accessories.		
RL-MOSNQ (For Outdoor Units)	Gas	31.8/38.1	31.8/38.1	128.6
	Liquid	19.1	9.6/12.7/15.9/19.1/22.2	6.5/9.6/12.7/15.9
	Reducers	Comes with 5 optional accessories.		

NEW MODELS

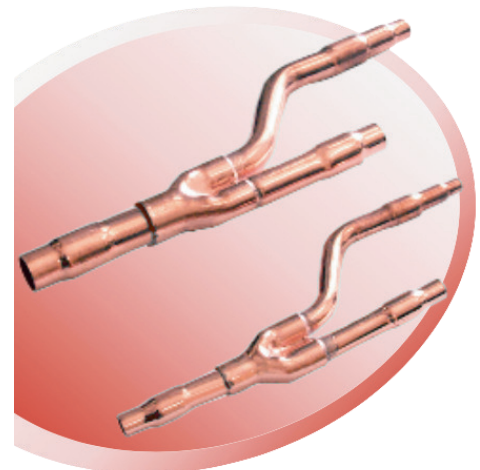
Type	Model	Notes
R410A Branch Pipes	HFQ-102F	If dimension information is needed, please kindly contact us
	HFQ-162F	
	HFQ-52F	
	HFQ-M22F	
	HFQ-M32F	
	HFQ-462F	
R410A Headers	Header 1vs4	
	Header 1vs8	

The items are produced according to original drawings. Pipings are optimized to make refrigerant distribute more fluently.

Notes: The dimensions can be customized.

RV-YJ BRANCH PIPES GREE

Model		Port A Diameter	Port B Diameter	Port C Diameter
FQ01-A	Gas	12.7/15.9/19.1	9.6/12.7/15.9	12.7/15.9
	Liquid	9.6	6.35/9.6	6.35/9.6
FQ01-B	Gas	19.1/22.3	15.9/19.1	12.7/15.9/19.1
	Liquid	9.6/12.7	9.6/12.7	6.35/9.6/12.7
FQ02	Gas	22.3/25.4/28.6	19.1/22.3/25.4/28.6	9.6/12.7/15.9/19.1
	Liquid	9.6/12.7/15.9	9.6/12.7/15.9	6.35/9.6/12.7
FQ03	Gas	35/38.1/41.2	28.6/35/41.2	19.1/22.3/25.4/28.6
	Liquid	15.9/19.1	12.7/15.9/19.1	9.6/12.7/15.9
FQ04	Gas	41.2/54/44.5	35/41.2/54	25.4/28.6/35
	Liquid	19.1/22.3	15.9/19.1/22.3	12.7/15.9/19.1
GL-MI01 (For Outdoor Units)	Gas	35/41.3/54	25.4/28.7/35/41.3	25.4/28.7
	Liquid	15.9/19.1/22.3	12.7/15.9/19.1/22.3	12.7
GL-MI02 (For Outdoor Units)	Gas	69.8/60.3/54	35/41.3/54	41.3/35
	Liquid	19.1/22.3/25.4	15.9/19.1/22.3/25.4	15.88
	Reducers	Comes with 1 optional accessories.		



GREE FQ-01A



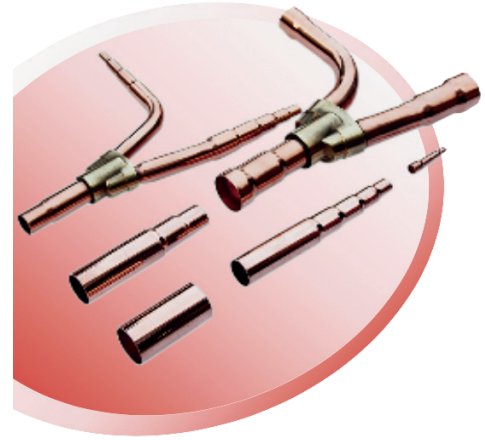
GREE GL-MI01



GREE GL-MI02

REPLACEMENT PARTS

Type	Model	Notes
R410A Y-Joints for Indoor Units	SP-FQG-NO1S	If dimension information is needed, please kindly contact us
	SP-FQG-NO2S	
	SP-FQG-NO3S	
	SP-FQG-NO4S	
	SP-FQG-NO5S	
	SP-FQG-NO6S	
	SP-FQG-NO7S	
	SP-FQG-NO8S	
	SP-FQG-NO9S	
	SP-FQG-N10S	
R410A Compatible Branch Pipe For Outdoor Units	SP-FQG-W2C SP-FQG-W3C SP-FQG-W4C	



HITACHI RL-E302SN

3 PIPES SYSTEM REFINET

Type	Model	Notes
R410A Y-Joints for Indoor Units	SP-FQG-NO1S	If dimension information is needed, please kindly contact us
	SP-FQG-NO2S	
	SP-FQG-NO3S	
	SP-FQG-NO4S	
	SP-FQG-NO5S	
	SP-FQG-NO6S	
	SP-FQG-NO7S	
	SP-FQG-NO8S	
	SP-FQG-NO9S	
	SP-FQG-N10S	
R410A Compatible Branch Pipe For Outdoor Units	SP-FQG-W2C SP-FQG-W3C SP-FQG-W4C	

NEW MODELS

Type	Model	Notes
R410A Y-Joints for Indoor Units	SP-FQG-NO1D	If dimension information is needed, please kindly contact us
	SP-FQG-NO2D	
	SP-FQG-NO3D	
	SP-FQG-NO4D	
	SP-FQG-NO5D	
	SP-FQG-NO6D	
	SP-FQG-NO7D	
R410A Compatible Branch Pipe	SP-FQG-W2F SP-FQG-W3F	

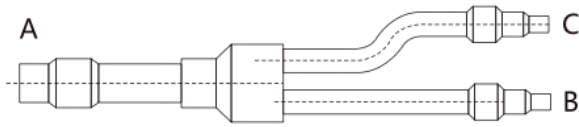
RV-YJ BRANCH PIPES PANASONIC

REPLACEMENT PARTS

Type	Model	Notes
R410A Y-Joints for Indoor Units	CZ-P680PJ2	If dimension information is needed, please kindly contact us
	CZ-P1350PJ2	
	CZ-P160BK2	
	CZ-P680BK2	
	CZ-P1350BK2	

The items are produced according to original drawings. Piping is optimized to make refrigerant distribute more fluently.

Notes: The dimensions can be customized.



REPLACEMENT PARTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
FQZHN-01C	Gas	15.9/19.1	19.1	12.7/15.9
	Liquid	9.6	9.6	6.4/9.6
	Reducers	Comes with 2 optional accessories.		
FQZHN-02C	Gas	22.2/25.4	22.2	12.7/15.9/19.1
	Liquid	9.6/12.7	12.7	6.4/9.6
	Reducers	Comes with 2 optional accessories.		
FQZHN-03C	Gas	28.6/31.8	28.1	15.9/19.1/22.2
	Liquid	15.9/19.1	15.9	6.4/9.6/12.7
	Reducers	Comes with 2 optional accessories.		
FQZHN-04C	Gas	35/38.1	35.1	19.1/22.2/28.6
	Liquid	19.1/22.2	19.1	9.6/12.7/15.9
	Reducers	Comes with 2 optional accessories.		
FQZHN-05C	Gas	42/45	35.1/42	35/42/45
	Liquid	22.2/25.4	22.2	12.7/15.9/19.1
	Reducers	Comes with 2 optional accessories.		
FQZHN-06CR	Gas	54/63.5	34.9/41.3	41.3/63.5
	Liquid	22.2/25.4	15.9/19.1	19.1/25.4
SQZHN-02N1 (For Outdoor Units)	Gas	28/32/35/38.1	25.4/35	25.4/35
	Liquid	19.1	15.9	15.9
SQZHN-03N1 (For Outdoor Units)	GasA	28/32/35/38.1	25.4/35	25.4/35
	LiquidA	25.4	19.1	12.7/15.9
	GaBs	35/38.1/41.3	35	25.4/35
	LiquidB	19.1	15.9	15.9
SQZHN-04N1 (For Outdoor Units)	GasA	42/45	42	35/42/45
	LiquidA	35/38/45	35	25.4
	GaBs	28/32/35/38	25.4	25.4
	LiquidB	25.4	19.1	12.7/15.9
Reducers	Comes with 11 optional accessories.			

MIDEA FQZHN-05C

NEW MODELS

Type	Model	Notes
R410A Y-Joints For Indoor Units	FQZHN-01D	If dimension information is needed, please kindly contact us.
	FQZHN-02D	
	FQZHN-03D	
	FQZHN-04D	
	FQZHN-05D	
	FQZHW-06D	
	FQZHW-07D	
R410A Y-Joints For Outdoor Units	FQZHW-02N1D	
	FQZHW-03N1D	
	FQZHW-04N1D	
	FQZHW-02N1E	

3 PIPES SYSTEM REFINET

Type	Model	Notes
R410A Y-Joints For Indoor Units	FQZHN-01SB	If dimension information is needed, please kindly contact us.
	FQZHN-02SB	
	FQZHN-03SB	
	FQZHN-04SB	
	FQZHN-05SB	
R410A Y-Joints For Outdoor Units	FQZHW-02SB	
	FQZHW-03SB	
	FQZHW-04SB	

RV-YJ BRANCH PIPES TRANE

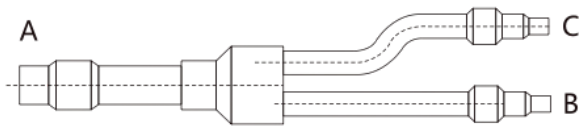
REPLACEMENT PARTS

Type	Model	Notes
R410A Y-Joints For Indoor Units	TR-4022T	If dimension information is needed, please kindly contact us.
	TR-4033T	
	TR-4072T	
	TR-4073T-A	
	TR-4073TP-A	
R410A Y-Joints For Outdoor Units	TR-4090T-A	
	TR-40135T-A	

The items are produced according to original drawings. Pippings are optimized to make refrigerant distribute more fluently.
Notes: The dimensions can be customized.

RV-YJ

RV-YJ BRANCH PIPES HAIER



REPLACEMENT PARTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
HR-FQGB120	Gas	12.7	12.7	12.7
	Liquid	6.4	6.4	6.4
HR-FQGB180	Gas	15.9/19.1/22.3	19.1/15.9/12.7/9.6	19.1/15.9/12.7/9.6
	Liquid	9.6/12.7/15.9	12.7/9.6/6.4	12.7/9.6/6.4
HR-FQGB370	Gas	25.4/28.6/31.8	28.6/25.4/19.1/15.9	25.4/19.1/15.9/12.7/9.6
	Liquid	9.6/12.7/15.9	12.7/9.6/6.4	12.7/9.6/6.4
HR-FQGB700	Gas	31.8/38.1	38.1/31.8/25.4	28.6/25.4/19.1/15.9
	Liquid	12.7/15.9/19.1	19.1/15.9/12.7	19.1/15.9/12.7
HR-FQGB760	Gas	31.8/38.1	38.1	31.8/25.4/19.1/15.9/12.7
	Liquid	15.9/19.1	19.1/15.9/12.7/9.6	15.9/12.7/9.6/6.4
	Reducers	Comes with 1 optional accessories.		
HR-FQGB1100	Gas	44.5	44.5/38.1/31.8/25.4	38.1/31.8/25.4/19.1
	Liquid	22.3	22.3/19.1/15.9/12.7	19.1/15.9/12.7
HR-FQGB1460	Gas	50.8	50.8/44.5/38.1	38.1/31.8
	Liquid	25.4	25.4/22.3/19.1	22.3/19.1
	Reducers	Comes with 9 optional accessories.		

HAIER HRV-FQG-B1100

HAIER MRV

Type	Model	Notes
Joint Outdoor Unit	HZG-20A	If dimension information is needed, please kindly contact us.
	HZG-30A	
Joint Indoor Unit	FQG-B335A	
	FQG-B506A	
	FQG-B730A	
	FQG-B1350A	

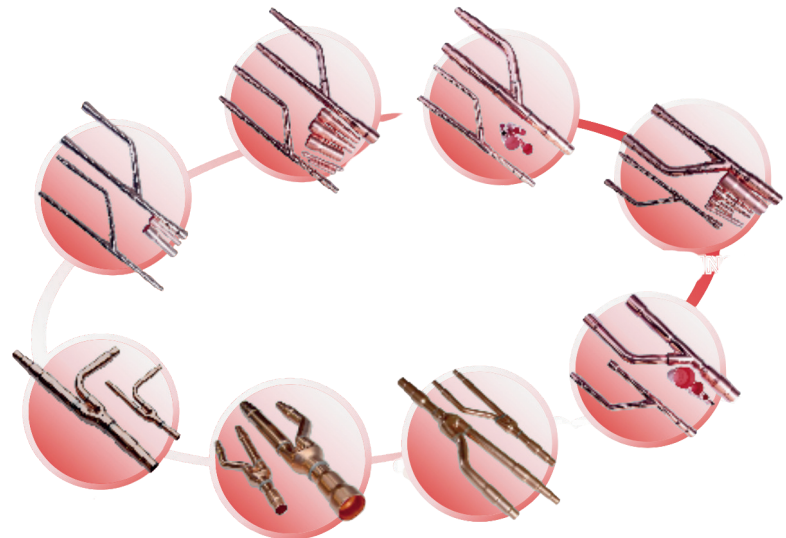
RV-YJ BRANCH PIPES LG

REPLACEMENT PARTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
LG-RBPP22Y	Gas	15.88	15.88/12.7	15.88/12.7
	Liquid	9.52	9.52/6.35	9.52/6.35
LG-RBPP33Y	Gas	22.23/19.05	19.05/15.88	19.05/15.88
	Liquid	9.52	9.52/6.35	9.52/6.35
LG-RBPP72Y	Gas	28.6/25.4	25.4/22.3/19.1	25.4/22.3/19.1
	Liquid	15.88/12.7	12.7/9.52/6.35	12.7/9.52/6.35
LG-RBPP104Y	Gas	31.8	28.6	28.6/22.23/19.1
	Liquid	19.1	15.88/12.7	15.88/12.7

LG MULTI V

Type	Model	Notes
R410A Multi VIII-IV Y Branch	ARBLN01621	
	ARBLN03321	
	ARBLN07121	
	ARBLN14521	
	ARBLN23220	
R410A Multi VII-IV Outdoor Branch	ARCNN20	If dimension information is needed, please kindly contact us
	ARCNN30	
	ARCNN21	
	ARCNN31	
	ARCNN41	
R410A Header	ARBL054	
	ARBL057	
	ARBL104	
	ARBL107	
	ARBL1010	
	ARBL2010	

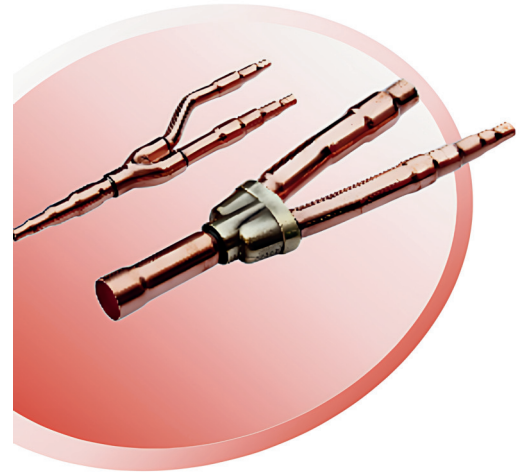
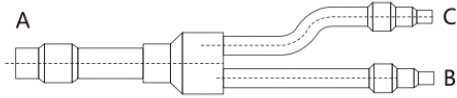


The items are produced according to original drawings. Piping are optimized to make refrigerant distribute more fluently.

Notes: The dimensions can be customized.

RV-YJ

RV-YJ BRANCH PIPES FUJITSU



REPLACEMENT PARTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
UTR-BP090L	Gas	12.7/15.9/19.1/2	9.6/12.7/15.9/19.1/22.3	9.6/12.7/15.9/19.1
	Liquid	6.35/9.6/12.7/15	6.35/9.6/12.7/15.9	6.35/9.6/12.7
UTR-BP180L	Gas	28.6	9.6/12.7/15.9/19.1/22.3	22.3/28.6
	Liquid	6.35/9.6/12.7/15	6.35/9.6/12.7	6.35/9.6/12.7/15.9
UTR-BP567L	Gas	35/41.2	19.1/22.3/25.4/28.6/35	28.6/35/41.2
	Liquid	15.9/19.1	6.35/9.6/12.7/15.9	15.9/19.1
UTR-CP567Q (For Outdoor Units)	Gas	28.6/35/41.2	22.3/28.6	22.3/28.6/35
	Liquid	15.9/19.1	12.7	12.7/15.9
Reducers Comes with 4 optional accessories.				

FUJITSU UTR-BP180L

FUJITSU NEW MODEL

Model	Notes
PART NO. 9379275 019	If dimension information is needed, please kindly contact us.
UTR-BP567X	
UTR-BP180X	
PART NO. 9371636 160-02	If dimension information is needed, please kindly contact us.
UTP-AX567A	
UTP-AX180A	
UTP-AX090A	
PART NO. 9371636 146	UTP-DX567A

RV-YJ BRANCH PIPES SAMSUNG

REPLACEMENT PARTS

Model		Port A Diameter	Port A Diameter	Port A Diameter
AXJ-Y4122A	Gas	42	42	42
	Liquid	22.3/19.1	19.1/15.9/12.7	15.9/12.7
AXJ-Y3122A	Gas	31.8/28.6	25.4/19.1/15.9	19.1/15.9/12.7
	Liquid	12.7	12.7/9.6/6.4	12.7/9.6/6.4
AXJ-Y2209A	Gas	22.3/19.1	19.1/15.9/12.7	15.9/12.7
	Liquid	9.6	9.6/6.4	9.6/6.4
MXJ-T4422 (For Outdoor Units)	Gas	44.3	44.5	44.3
	Liquid	19.05/22.3	19.05	9.52/12.7
	Reducers	38	38	38
MXJ-T3819 (For Outdoor Units)	Gas	19.05	19.05	9.52/12.7
	Liquid			
Reducers				

SAMSUNG NEW MODEL

Model	Notes	
R410A Y-Joints For Indoor Units	MXJ-YA1509M	If dimension information is needed, please kindly contact us.
	MXJ-YA2512M	
	MXJ-YA2812M	
	MXJ-YA2815M	
	MXJ-YA3419M	
	MXJ-YA4119M	
R410A Y-Joints For Outdoor Units	MXJ-YA4422M	
	MXJ-TA3819M	
	MXJ-TA3419M	
	MXJ-TA4422M	
	MXJ-TA4122M	
MXJ-TA3100M		
MXJ-TA3800M		

The items are produced according to original drawings. Piping is optimized to make refrigerant distribute more fluently.
Notes: The dimensions can be customized.

SAMSUNG NEW MODEL

Model	Notes
MXJ-YA1509*	If dimension information is needed, please kindly contact us.
MXJ-YA2512*	
MXJ-YA2812*	
MXJ-YA2815*	
MXJ-YA3119*	
MXJ-YA3819*	
MXJ-YA3819*	

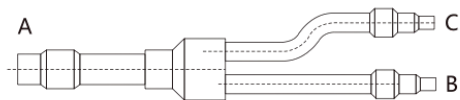
RV-YJ BRANCH PIPES MCQUAY

REPLACEMENT PARTS

Model	Port A Diameter	Port B Diameter	Port C Diameter
MDS-Y1	22.3/25.4/28.7	28.7/25.4/22.3/19.1	19.1/15.9/12.7/9.6
MDS-Y2	9.6/12.7/15.9	12.7/9.6/6.4	12.7/9.6/6.4
MDS-Y3	9.6/12.7/15.9	12.7/9.6/6.4	15.9/12.7/9.6
MDS-Y4	15.9/19.1/22.3	19.1/15.9/12.7/9.6	19.1/15.9/12.7
MDS-Y5	31.8/35/38.1	41.3/38.1/35/31.8/28.6	28.6/25.4/22.3/19.1
MDS-Y6	31.8/35/38.1/41.3	25.4/28.6/31.8/35	25.4/22.3/19.1/15.9

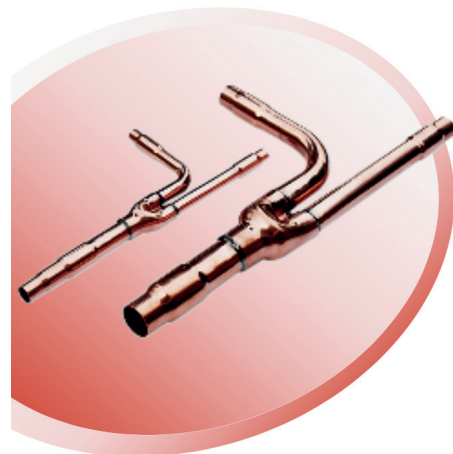
RV-YJ

RV-YJ BRANCH PIPES MITSUBISHI



REPLACEMENT PARTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
SL-DIS22-1	Gas	12.7/15.9/19.1	19.1/12.7/9.6	19.1/12.7/9.6
	Liquid	9.6	9.6/6.4	9.6/6.4
SL-DIS180-1	Gas	15.9/19.1/22.2	19.1/15.9/12.7/9.6	19.1/15.9/12.7/9.6
	Liquid	9.6/12.7/15.9	12.7/9.6/6.4	12.7/9.6/6.4
	Reducers	Comes with 2 optional accessories.		
SL-DIS371-1	Gas	25.4/28.6/31.8	25.4/22.2/19.1	25.4/22.2/19.1
	Liquid	12.7/15.9	15.9/12.7/9.6/6.4	15.9/12.7/9.6/6.4
	Reducers	Comes with 3 optional accessories.		
SL-DIS540-1	Gas	28.6/31.8/38.1	31.8/28.6/25.4/19.1	31.8/28.6/25.4/19.1
	Liquid	12.7/15.9/19.1/22.2	19.1/15.9/12.7/9.6	19.1/15.9/12.7/9.6
	Reducers	Comes with 4 optional accessories.		
SL-DOS-2A-1 (For Outdoor Units)	Gas	31.8/38.1	28.6/25.4	128.6/25.4
	Liquid	15.9/19.1/22.3	12.7/15.9	712.7/15.9
	Reducers	Comes with 4 optional accessories.		



MITSUBISHI SL-DOS-2A-1

FUJITSU NEW MODEL

Model	Notes
R410A Branch Pipes	CMY-Y102SS-G2
	CMY-Y102LS-G2
	CMY-Y202S-G2
	CMY-Y302S-G2
	CMY-Y100VBK2
	CMY-Y200VBK2
R410A Headers	CMY-Y104G
	CMY-Y108G
	CMY-Y1010G

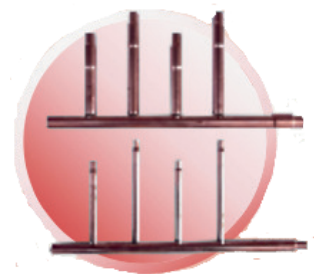
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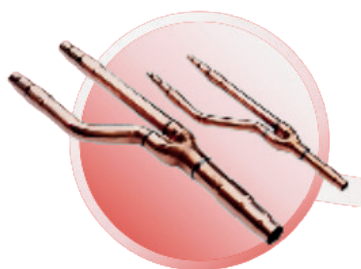
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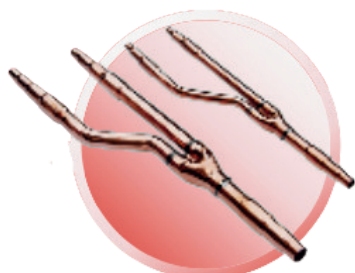
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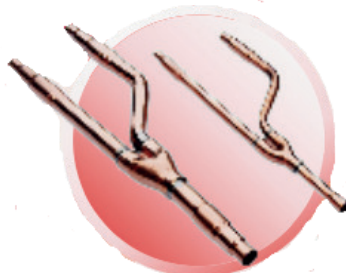
MITSUBISHI HEADERS



MITSUBISHI SL-DIS 371-1



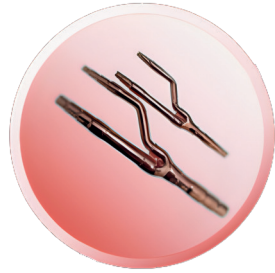
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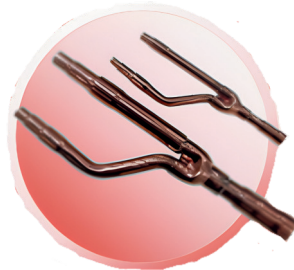
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RV-YJ

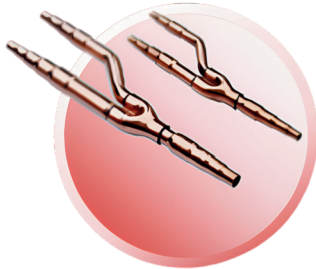
RV-YJ BRANCH PIPES RVG



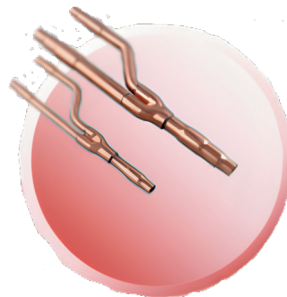
RV-YJ-Y1



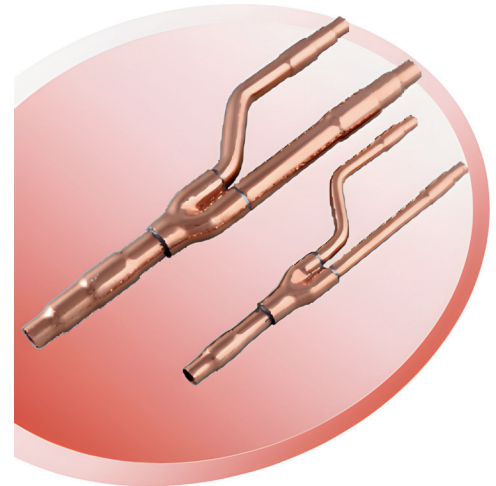
RV-YJ-U4



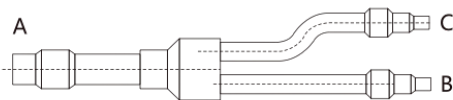
RV-YJ-Y2



RV-YJ-U1



RV-YJ-U1



RVG-YJ-Y SERIES UNIVERSAL VRF REFNET JOINTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
RVG-YJ-Y1	Gas	12.7/15.88/19.05/22.23	9.52/12.7/15.88/19.05/22.23	12.7/15.88/19.05
	Liquid	9.52/12.7/15.88	6.35/9.52/12.7/15.88	6.35/9.52/12.7/15.88
	Reducers			
RVG-YJ-Y2	Gas	22.23/25.4/28.58/31.75	19.05/22.23/25.4/28.58/31.75	9.52/12.7/15.88/19.05/25.4/31.75
	Liquid	9.52/12.7/15.88/19.05	9.52/12.7/15.88/19.05	6.35/9.52/12.7/15.88/19.05
	Reducers			
RVG-YJ-Y3	Gas	34.93/38.1/41.28/44.45/53.98	25.4/28.58/34.93/38.1/41.28	19.05/22.23/25.4/28.58/34.93/41.28
	Liquid	15.88/19.05/22.23/25.4	9.52/12.7/15.88/19.05/22.23	12.7/15.88/19.05
	Reducers			

RVG-YJ-U SERIES UNIVERSAL VRF REFNET JOINTS

Model		Port A Diameter	Port B Diameter	Port C Diameter
RVG-YJ-U1	Gas	12.7/15.9/19.1	12.7/15.9/19.1	9.6/12.7/15.9
	Liquid	9.6/12.7	6.4/9.6	6.4/9.6
	Reducers	5 pcs		
RVG-YJ-U2	Gas	19.1/22.2	15.88/19.1/22.2	12.7/15.88/19.1
	Liquid	9.52/12.7/15.88	6.35/9.52/12.7	6.35/9.52/12.7
	Reducers	5 pcs		
RVG-YJ-U3	Gas	22.2/28.6	19.1/22.2/28.6	15.9/19.1/22.2
	Liquid	12.7/15.9	9.52/12.7/15.9	9.52/12.7/15.9
	Reducers	10 pcs		
RVG-YJ-U4	Gas	41.2	28.6/34.9/41.3	22.2/28.6/35
	Liquid	15.9/19.1/22.2	15.88/19.1/22.2	12.7/15.88/19.1
	Reducers	6 pcs		