

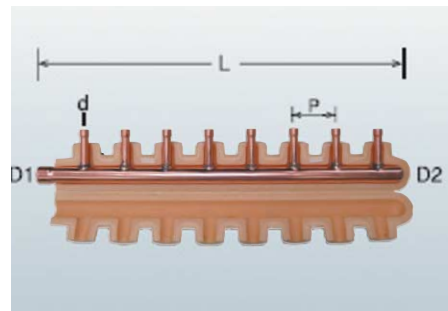
KBK Series Branching Pipes

(Branching Joint, Branching Header, TJoint, Socket)

●Pressure cycle test & Burst pressure test: Fully certified

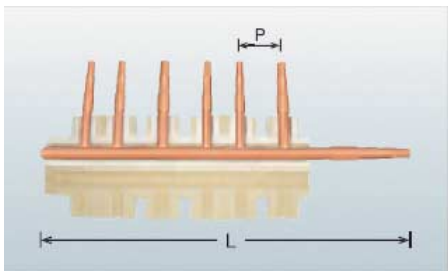
●Refrigerant used: R410A,R407C

Socket Type Branching Header



HS Type		Assembly Dimension		Piping Dimension		Diameter (Main)	Header
		L (Length)	P (Pitch)	D1	D2	d	No. of Header
KBK-HS2204	Gas side	380	80	22.22	closed	15.88	4
	Liquid side	330	80	15.88	15.88	9.52	4
KBK-HS2208	Gas side	700	80	22.22	closed	15.88	8
	Liquid side	650	80	15.88	15.88	9.52	8
KBK-HS3104	Gas side	380	80	31.75	closed	15.88	4
	Liquid side	330	80	15.88	15.88	9.52	4
KBK-HS3108	Gas side	700	80	31.75	closed	15.88	8
	Liquid side	650	80	15.88	15.88	9.52	8

Reducing Type Branching Header



HP Type		Assembly Dimension		Piping Dimension		Diameter (Main)		Header
		L (Length)	P (Pitch)	D1	D2	d1	d2	No. of Header
KBK-HR2206	Gas side	~637	80.60	22.22	22.22~12.7	19.05,15.88	19.05~9.52	6
	Liquid side	~479	60	12.7	12.7~6.35	9.52	9.52~6.35	6
KBK-HR2208	Gas side	~757	80.60	22.22	22.22~12.7	19.05,15.88	19.05~9.52	8
	Liquid side	~617	60	12.7	12.7~6.35	9.52	9.52~6.35	8
KBK-HR2806	Gas side	~570	80	28.58	28.58	19.05,15.88	19.05~9.52	6
	Liquid side	~467	60	15.88	15.88~12.7	12.7,9.52	12.7~6.35	6
KBK-HR2808	Gas side	~730	80	28.58	28.58	19.05,15.88	19.05~9.52	8
	Liquid side	~587	60	15.88	15.88~12.7	12.7,9.52	12.7~6.35	8

※Please contact our sales representative for details.

*Contents and specifications are subject to change without notice

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KAKINUMA Branching Kits

Pipe Connection Parts for Multi Air Conditioning Systems



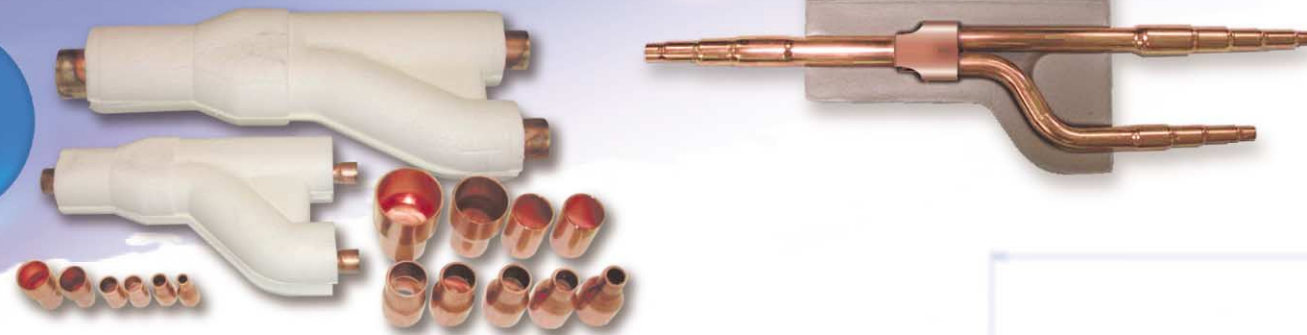
KAKINUMA Branching Kits (KBK) for Variable Refrigerant Flow systems (VRF)

Comprehensive range of branching joints and fittings for Multi Air conditioners

Types of Y Branching Joint

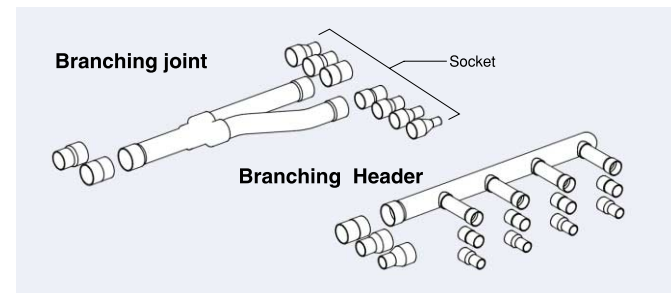
Socket Type

Reducing Type

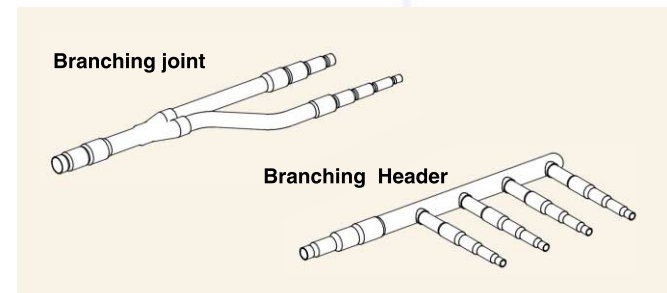


Branching Pipe Configuration

●Socket Type



●Reducing Type



Piping work Operation Process

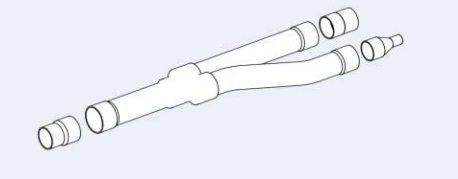
●Socket Type

Selection of socket

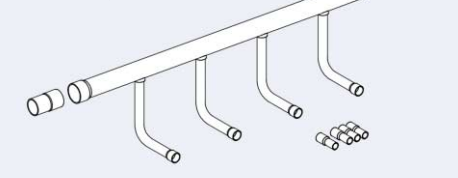


Brazing

Branching joint



Branching Header



●Reducing Type

Selection of pipe diameter



Cutting of reducing pipe

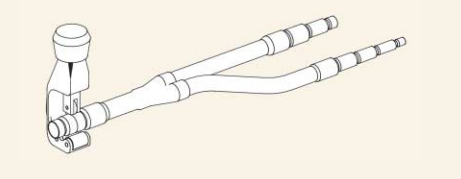


Deburring and correction

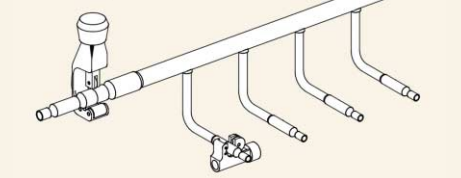


Brazing

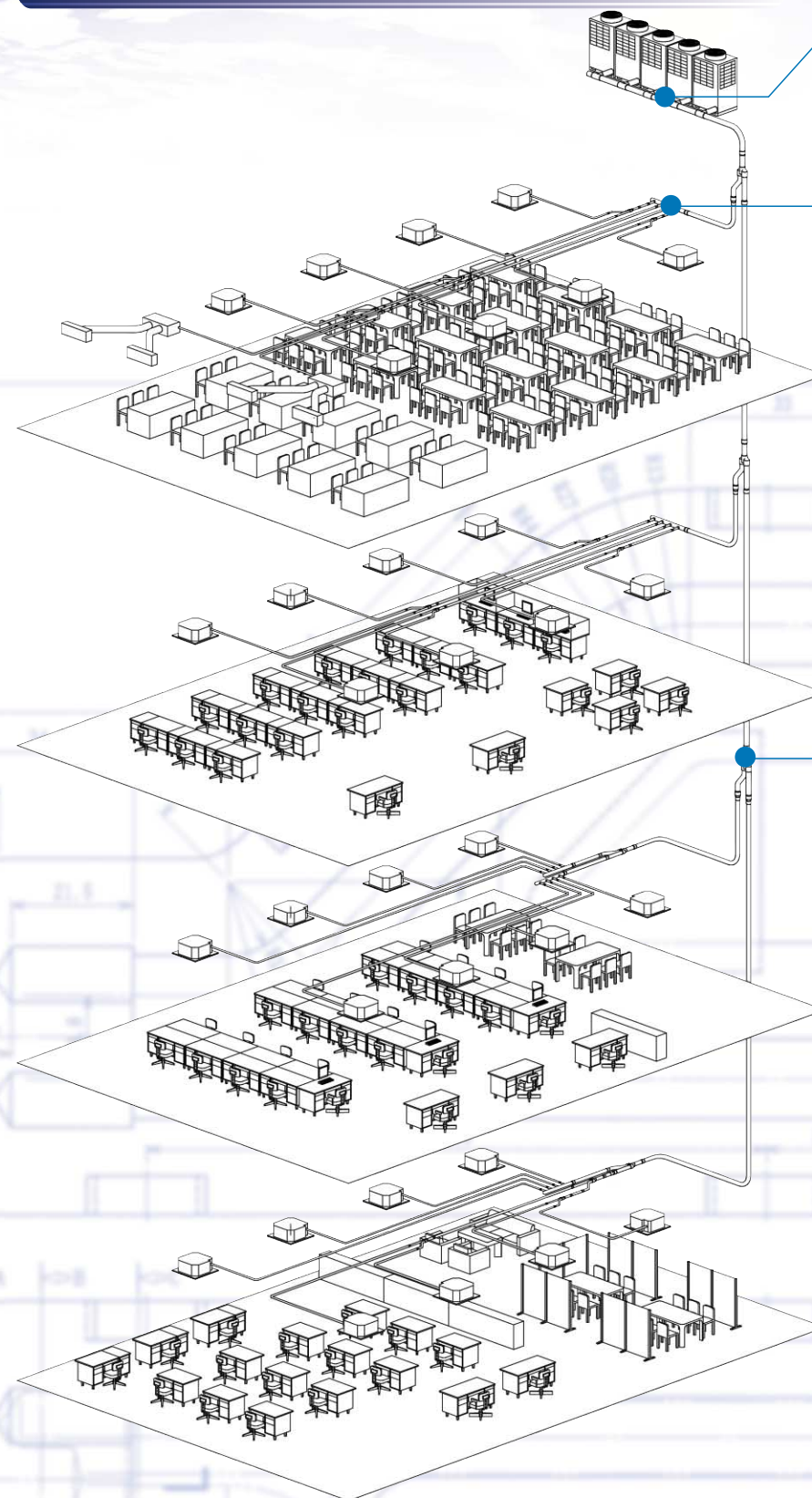
Branching joint



Branching Header



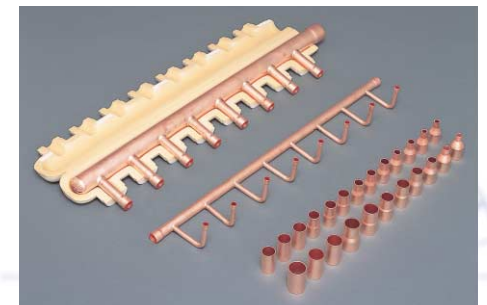
Application Example



●T joint for outdoor unit



●Branching Header



●Branching joint



U-Shape

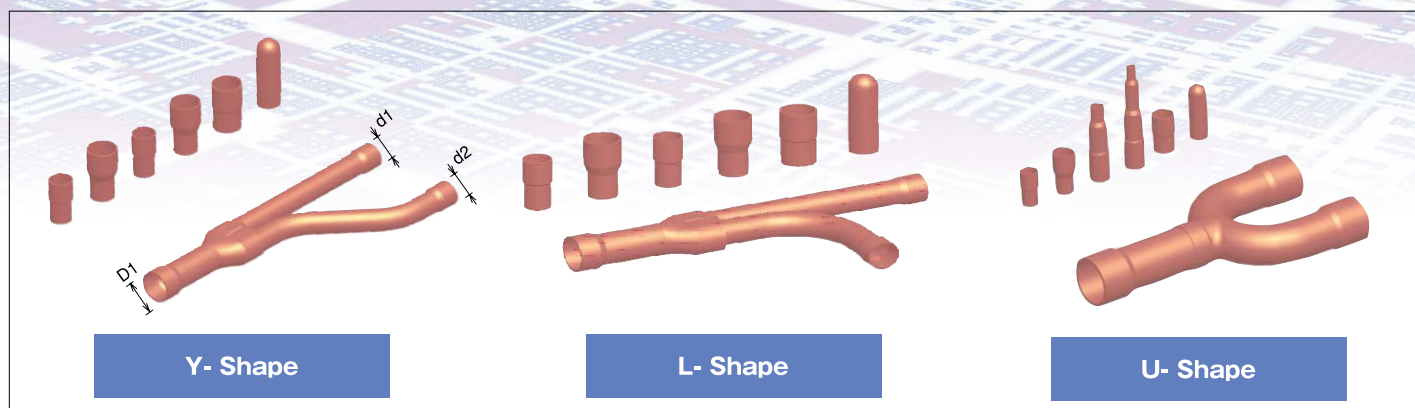


Y-Shape

KBK

KAKINUMA Branching Kits

Socket Type

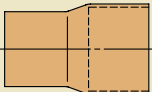
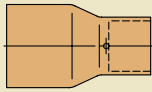
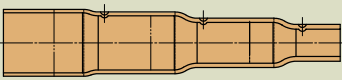


Socket Type

Representative Models	Piping Dimension		
	D1	d1	d2
KBK-12-09-YS	12.7	9.52	9.52
KBK-15-12-YS	15.88	12.7	12.7
KBK-16-15-YS	19.05	15.88	15.88
KBK-22-19-YS	22.23	19.05	19.05
KBK-25-22-YS	25.4	22.23	22.23
KBK-31-28-YS	31.75	28.58	28.58
KBK-38-31-YS	38.1	31.75	31.75
KBK-12-09-LS	12.7	9.52	9.52
KBK-15-12-LS	15.88	12.7	12.7
KBK-19-15-LS	19.05	15.88	15.88
KBK-22-19-LS	22.23	19.05	19.05
KBK-25-22-LS	25.4	22.23	22.23
KBK-31-28-LS	31.75	28.58	28.58
KBK-38-31-LS	38.1	31.75	31.75
KBK-09-09-US	9.52	9.52	9.52
KBK-15-15-US	16	16	16
KBK-22-22-US	22.4	22.4	22.4
KBK-31-28-US	31.9	28.7	28.7
KBK-38-38-US	38.3	38.3	38.3

Other Sizes are available upon request

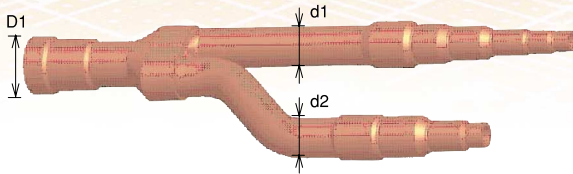
Socket

Enlarged Dia.	Socket for Reduced Diameter	Multiple Socket
		

KBK

KAKINUMA Branching Kits

Reducing Type



Y-Shape



L-Shape

Reducing Type

Type	Piping Dimension		
	D1	d1	d2
KBK-12-09-YR	12.7	9.52	9.52
KBK-15-12-YR	15.88	12.7	12.7
KBK-16-15-YR	19.05	15.88	15.88
KBK-22-19-YR	22.23	19.05	19.05
KBK-25-22-YR	25.4	22.23	22.23
KBK-31-28-YR	31.75	28.58	28.58
KBK-38-31-YR	38.1	31.75	31.75
KBK-12-09-YR	12.7	9.52	9.52
KBK-15-12-YR	15.88	12.7	12.7
KBK-19-15-YR	19.05	15.88	15.88
KBK-22-19-YR	22.23	19.05	19.05
KBK-25-22-YR	25.4	22.23	22.23
KBK-31-28-YR	31.75	28.58	28.58
KBK-38-31-YR	38.1	31.75	31.75

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