



THE BEST HVACR COPPER & BRASS PARTS

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>>>www.scottfrio.com



ABOUT US

SCOTTFRIO as a members of ZHENXIE GROUP, specializing in overseas sales. We are professional manufacturer of brass and copper fittings for AC/marine, etc. As No.1 branch pipe manufacturer and supplier in China, over 1800,000 units were supplied to domestic and overseas market in 2025, taking nearly 35% share in domestic. Our quality of products and services have gained us great reputation in the past 20+ years.

SCOTTFRIO dedicated and experienced team, we are committed to providing high-quality products and reliable solutions to meet the diverse needs of our global clients. Our team prides itself on seamless communication, exceptional service, and a deep understanding of the HVAC industry, ensuring efficient and hassle-free cooperation. By combining expertise and innovation, we strive to become your trusted partner in delivering top-tier copper branch pipe solutions to markets worldwide.

Founded on July, 2003, our factory is located in the city of Fuzhou which is the capital of Fujian province, SCOTTFRIO is a company of ZHENXIE GROUP which includes Fuzhou Zhenxie Pipe Co.,Ltd, Fujian GENS Metal Technology Development Co., Ltd, SCOTTFRIO Technologies Co.,Ltd, Beijing Zhenxie Pipe Co., Ltd, Guangzhou Zhenxie Pipe Co., Ltd, and Shanghai Zhenxie Pipe Co., Ltd. Our business scope spreads over Beijing, Guangzhou, and Shanghai, so that ZHENXIE GROUP has broad market and development prospective.

FACTORY SCALE

20000m²+
Production area

10+
R&D Staff

150+
Employees

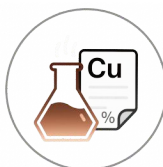
300+
Machines

10000+
Products

20+
Designers



CERTIFICATES



Drinking water
health license

Ammonia dark
crack test

Copper composition
test report



Size inspection
report



Shanghai Jiao Tong
University Laboratory
Intercepted Flow
Comparison Test Report

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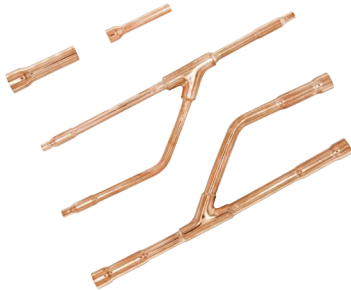
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BRANCH PIPES



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
KHRP26MC22T	GAS	3/4"	5/8"	1/2"	5/8"	1/2"	5/8"	1/2"		
	LIQUID	3/8"			3/8"	1/4"	3/8"	1/4"		
KHRP26MC33T	GAS	3/4"	7/8"		3/4"	5/8"	5/8"	1/2"		
	LIQUID	3/8"	1/2"		3/8"	1/4"	3/8"	1/4"		
KHRP26MC72T	GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	LIQUID	1/2"		5/8"	1/2"		3/8"	1/2"	3/8"	1/4"
KHRP26MC73T	GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"	1"	1"	3/4"	5/8"
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
KHRP26MC73TP	GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"	1"	1"	3/4"	5/8"
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
KHRP26MC90	GAS	1-1/8"	1-1/4"		1-1/8"	1"	7/8"	3/4"	1"	
	LIQUID	5/8"	3/4"	7/8"	1/2"		3/8"	5/8"		
KHRP26MC135	GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"		1"		
	GAS	1-1/8"	1-1/4"		1-1/8"	1"	7/8"	3/4"	1"	
	LIQUID	5/8"	3/4"		5/8"		3/4"	5/8"		
	LIQUID	5/8"	3/4"		5/8"	3/4"		5/8"		
KHRP22M64T8	GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"	1"	1"	3/4"	5/8"
	LIQUID	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
KHRP22M75T8	GAS	1-1/2"	1-3/4"		1-1/2"	1-1/4"	1"	1-1/2"	1-1/4"	1"
	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
KHRQ22M20TA8	GAS	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	LIQUID	3/8"	1/2"		3/8"	1/4"		3/8"	1/4"	
KHRQ22M29T9	GAS	3/4"	7/8"	1"	5/8"	1/2"	3/8"	3/4"	5/8"	1/2"
	LIQUID	3/8"	1/2"		3/8"	1/2"		3/8"	1/2"	
KHRQ22M64T8	GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	LIQUID	5/8"	1/2"		5/8"	1/2"	3/8"	1/2"	3/8"	1/4"
KHRQ22M75T8	GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"	1"	1"	3/4"	5/8"
	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
KHRP23M33T8	DISCHARGE GAS	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	SUCTION GAS	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	LIQUID	5/8"	1/2"		5/8"	1/2"	3/8"	5/8"	1/2"	3/8"
KHRP23M64T8	DISCHARGE GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	SUCTION GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	LIQUID	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"	5/8"	1/2"	1/4"
KHRP23M75T8	DISCHARGE GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	SUCTION GAS	1-1/2"	1-3/4"	1-1/2"	1-1/4"	1"	1-1/2"	1-1/4"	1"	
	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
KHRQ23M20T8	DISCHARGE GAS	5/8"	1/2"		5/8"	1/2"	3/8"	1/2"	3/8"	1/4"
	SUCTION GAS	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
KHRQ23M29T9	LIQUID	3/8"	1/2"		3/8"	1/4"		3/8"	1/4"	
	DISCHARGE GAS	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
	SUCTION GAS	3/4"	7/8"	1"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
KHRQ23M64T8	LIQUID	3/8"	1/2"		3/8"	1/4"		3/8"	1/4"	
	DISCHARGE GAS	3/4"	7/8"	1"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
	SUCTION GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
KHRQ23M75T8	LIQUID	5/8"	1/2"		1/2"	3/8"	1/4"	5/8"	1/2"	3/8"
	DISCHARGE GAS	1"	1-1/8"	1-1/4"	1"	3/4"	5/8"	3/4"	5/8"	1/2"
	SUCTION GAS	1-1/4"	1-1/2"		1-1/4"	1-1/8"	1"	1"	3/4"	5/8"
KHRQ58T7	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	GAS	5/8"			3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	LIQUID	3/8"	1/2"		3/8"	1/4"		3/8"	1/4"	



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
FQZHN-01	GAS	3/4"	5/8"		5/8"	1/2"		5/8"	1/2"	
	LIQUID	3/8"			1/4"			3/8"		
FQZHN-02	GAS	7/8"	1"		3/4"	5/8"		3/4"	5/8"	1/2"
	LIQUID	1/2"	3/8"		3/8"	1/4"		3/8"	1/4"	
FQZHN-03	GAS	1-1/8"	1-1/4"		7/8"	3/4"	7/8"	3/4"	5/8"	
	LIQUID	5/8"	3/4"		1/2"	3/8"	1/2"	3/8"	1/4"	
FQZHN-04	GAS	1-3/8"	1-1/2"		1-1/8"	7/8"		1-1/8"	7/8"	3/8"
	LIQUID	3/4"	7/8"		5/8"	1/2"		5/8"	1/2"	3/8"
FQZHN-05	GAS	1-5/8"	1-3/4"		1-3/8"			1-3/4"	1-5/8"	1-3/8"
	LIQUID	7/8"	1"		3/4"	5/8"		3/4"	5/8"	1/2"
FQZHN-06	GAS	2-1/8"	2-5/8"		1-5/8"			2-1/8"		
	LIQUID	7/8"	1"		3/4"			3/4"	5/8"	
FQZHN-02N1	GAS	1-3/8"	1-1/2"		1"			1"		
	LIQUID	3/4"	7/8"		1/2"			5/8"	1/2"	
FQZHN-03N1	GAS	1-3/8"	1-1/2"		1"			1"		
	GAS	1-5/8"			1-1/2"			1"		
	LIQUID	3/4"	7/8"		1/2"			5/8"	1/2"	
	LIQUID	3/4"	7/8"		3/4"			5/8"	1/2"	
FQZHN-04N1	GAS	1-5/8"			1-1/2"			1"		
	GAS	1-3/8"			1"			1"		
	GAS	1-3/4"			1-5/8"			1"		
	LIQUID	3/4"	7/8"		3/4"			5/8"	1/2"	
	LIQUID	3/4"	7/8"		1/2"			5/8"	1/2"	
	LIQUID	7/8"			7/8"			5/8"	1/2"	



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
ARBLN01620	GAS	3/4"	5/8"	1/2"	5/8"	1/2"		5/8"	1/2"	
	LIQUID	1/2"	3/8"	1/4"	3/8"	1/4"		3/8"	1/4"	
ARBLN03320	GAS	7/8"	3/4"		7/8"	3/4"	5/8"	5/8"	1/2"	
	LIQUID	1/2"	3/8"		3/8"	1/4"		3/8"	1/4"	
ARBLN7120	GAS	1-1/8"	1"	7/8"	1-1/8"	7/8"		1"	7/8"	3/4"
	LIQUID	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"	1/2"	3/8"	1/4"
ARBLN14520	GAS	1-5/8"	1-1/2"	1-3/8"	1-5/8"		1-3/8"	1-1/8"		
	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"
ARBLN03321	GAS	3/4"	7/8"	1"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
	LIQUID	1/2"	3/8"	1/4"	1/2"	3/8"	1/4"	1/2"	3/8"	1/4"
ARBLN16121	GAS	1/2"	5/8"		1/2"	5/8"		1/2"	5/8"	
	LIQUID	3/8"	1/4"		3/8"	1/4"		3/8"	1/4"	
ARBLN07121	GAS	1-1/8"	1-1/4"		7/8"	3/4"	5/8"	3/4"	5/8"	1/2"
	LIQUID	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
ARBLN14521	GAS	1-5/8"	1-1/2"	1-3/8"	1-1/2"	1-3/8"		1-3/8"	1-1/8"	7/8"
	LIQUID	7/8"	3/4"	5/8"	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"
AARCNN20	GAS	1-1/4"	1-1/2"		1-1/8"			1-1/8"	7/8"	3/4"
	LIQUID	3/4"	5/8"	1/2"	1/2"			1/2"	3/8"	
AARCNN30	GAS	7/8"	3/4"		1/2"			3/4"	5/8"	1/2"
	LIQUID	1-1/2"	1-5/8"		1-1/8"			1-1/4"	1-1/8"	

BRANCH PIPES

Haier



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)				
FQG-B335A	GAS	1"	3/4"	5/8"	1"	7/8"	3/4"	3/4"	5/8"	1/2"		
	LIQUID	1/2"		3/8"	1/2"			1/2"				
FQG-B506A	GAS	1"	1-1/8"		1"	1-1/8"		7/8"	3/4"	5/8"	1/2"	
	LIQUID	1/2"			1/2"		3/8"	1/2"	3/8"	1/4"		
FQG-B730A	GAS	1"	1-1/8"		1"		1-1/8"		7/8"	3/4"	5/8"	1/2"
	LIQUID	3/4"	5/8"		5/8"	1/2"	3/8"	3/4"	5/8"	1/2"	3/8"	
FQG-B1350A	GAS	1-1/4"	1-1/2"		1-1/4"		1-1/2"		1-1/8"			
	LIQUID	7/8"	3/4"		7/8"	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"	1/4"
HZG-20/A	GAS	1-1/2"			1-1/8"			1-1/8"				
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	3/4"	5/8"	1/2"		
HZG-30/A	GAS	1-1/2"			1-1/8"			1-1/8"				
	GAS	1-3/4"			1-1/2"			1-1/8"				
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	3/4"	5/8"	1/2"		
HZG-40/A	GAS	1-1/2"			1-1/8"			1-1/8"				
	GAS	1-3/4"			1-1/2"			1-1/8"				
	GAS	2"			1-3/4"			1-1/8"				
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	3/4"	5/8"	1/2"		
	LIQUID	1"			7/8"		3/4"	3/4"		5/8"		

GREE



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)			
FQ01A	GAS	3/4"	5/8"	1/2"	5/8"	1/2"	3/8"	5/8"	1/2"		
	LIQUID	3/8"			3/8"	1/4"		3/8"	1/4"		
FQ01B	GAS	7/8"	3/4"		3/4"	5/8"		3/4"	5/8"		
	LIQUID	5/8"	1/2"	3/8"	1/2"	3/8"		1/2"	3/8"		
FQ02	GAS	1-1/8"	1"	7/8"	1-1/8"	1"	7/8"	3/4"	5/8"	1/2"	3/8"
	LIQUID	5/8"	1/2"	3/8"	5/8"	1/2"	3/8"	1/2"	3/8"	1/4"	
FQ03	GAS	1-5/8"	1-1/2"	1-3/8"	1-5/8"	1-3/8"	1-1/8"	1-1/8"	1"	7/8"	3/4"
	LIQUID	3/4"	5/8"		3/4"	5/8"	1/2"	5/8"	1/2"	3/8"	
FQ04	GAS	2-1/8"	1-5/8"		2-1/8"	1-5/8"	1-3/8"	1-3/8"	1-1/8"	1"	
	LIQUID	7/8"	3/4"		7/8"	3/4"		3/4"	5/8"	1/2"	
ML01	GAS	2-1/8"	1-5/8"	1-3/8"	1-5/8"	1-1/2"	1-1/8"	1"	1-1/8"	1"	
	LIQUID	3/4"	5/8"		7/8"	3/4"	5/8"	1/2"	1/2"		
ML02	GAS	1-3/4"	2-1/8"		2-1/8"	1-5/8"	1-3/8"	1-3/8"	1-5/8"		
	LIQUID	1"	7/8"	3/4"	1"	7/8"	3/4"	5/8"	5/8"		

Carrier



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
BJF-224-CM	GAS	3/4"		5/8"	5/8"		1/2"		3/4"	
	LIQUID		3/8"			3/8"		1/4"		3/8"
BJF-330-CM	GAS	7/8"		1"	3/4"	5/8"	1/2"		7/8"	
	LIQUID	1/2"		3/8"		3/8"		1/4"		1/2"
BJF-710-CM	GAS	1-1/8"		1-1/4"	7/8"	3/4"	5/8"		1-1/8"	
	LIQUID	5/8"		3/4"	5/8"	1/2"	3/8"		5/8"	
BJF-1344-CM	GAS	1-3/8"		1-1/2"	1-1/8"	7/8"	3/4"		1-3/8"	
	LIQUID	3/4"		7/8"	5/8"	1/2"	3/8"		3/4"	

SAMSUNG



MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
MXJ-YA1509	GAS	3/4"		5/8"	3/4"			3/4"		
	LIQUID	1/2"		3/8"	1/2"			1/2"		
MXJ-YA2512	GAS	1"	7/8"	3/4"	1"			1"		
	LIQUID	1/2"		3/8"	1/2"			1/2"		
MXJ-YA2812	GAS	1-1/4"		1-1/8"	1-1/4"			1"		
	LIQUID	1/2"		3/8"	1/2"			1/2"		
MXJ-YA2815	GAS	1-1/4"		1-1/8"	1-1/4"			1"		
	LIQUID	3/4"		5/8"	3/4"			3/4"		
MXJ-YA3119	GAS	1-1/4"		1-1/8"	1-1/4"			1"		
	LIQUID	3/4"		5/8"	3/4"			3/4"		
MXJ-YA3819	GAS		1-1/2"			1-1/2"		1-1/4"		
	LIQUID	3/4"		5/8"		3/4"		3/4"		
MXJ-YA4422	GAS		2"	1-3/4"		1-3/4"		1-1/2"		
	LIQUID	1"	7/8"	3/4"		1"		1"		

MODELS	CATEGORY	A(ID)			B(ID)			C(ID)		
MXJ-T3819	GAS		1-1/2"			1-1/2"		1-1/2"		
	LIQUID		3/4"			3/4"		1/2"	3/8"	
MXJ-T4422	GAS		1-3/4"			1-3/4"		1-3/4"		
	LIQUID		7/8"			3/4"		1/2"	3/8"	

HITACHI



MODELS	CATEGORY	A(ID)		B(ID)				C(ID)			
E-102SN	GAS	3/4"	5/8"	7/8"	3/4"	5/8"	1/2"	5/8"		1/2"	
	LIQUID	3/8"		3/8"		1/4"		3/8"			
E-162N	GAS	1"	1-1/8"	1"		1-1/8"		7/8"	3/4"	5/8"	1/2"
	LIQUID	1/2"		1/2"		3/8"		1/2"	3/8"		1/4"
E-242N	GAS	1"	1-1/8"	1"		1-1/8"		7/8"	3/4"	5/8"	1/2"
	LIQUID	7/8"	5/8"	3/4"	5/8"	1/2"	3/8"	5/8"	1/2"	3/8"	1/4"
E-302N	GAS	1-1/4"	1-1/2"	1-1/4"		1-1/2"		1-1/8"			
	LIQUID	3/4"		7/8"	3/4"	5/8"	1/2"	3/8"	5/8"	1/2"	3/8"
M-20SNQ	GAS	1"	1-1/8"	1"		1-1/8"		7/8"	3/4"	5/8"	1/2"
	LIQUID	7/8"	5/8"	3/4"	5/8"	1/2"	3/8"	5/8"	1/2"	3/8"	1/4"
M30SNQ	GAS	1-1/4"	1-1/4"	1-1/4"		1-1/4"		1-1/8"			
	LIQUID	3/4"	1-1/2"	7/8"	3/4"	5/8"	1/2"	3/8"	5/8"	1/2"	3/8"

MODELS	CATEGORY	A(ID)				B(ID)				C(ID)			
E-102SNB1	GAS	7/8"	3/4"	5/8"	1/2"	7/8"	5/8"	1/2"	7/8"	3/4"	5/8"	1/2"	
	LIQUID	3/8"				3/8"		1/4"		3/8"		1/4"	
E-162SNB1	GAS	1-1/8"		1"		7/8"	3/4"	5/8"	1/2"	1"		1-1/8"	
	LIQUID	1/2"				3/8"		1/4"		1/2"	3/8"		1/4"
E-242SNB1	GAS	1-1/8"		1"		1"		1-1/8"		7/8"	3/4"	5/8"	1/2"
	LIQUID	5/8"				5/8"	1/2"	3/8"		5/8"	1/2"	3/8"	1/4"
E-302SNB1	GAS	1-1/2"		1-1/4"		1-1/8"				1-1/4"		1-1/2"	
	LIQUID	7/8"		3/4"		5/8"	1/2"	3/8"	1/4"	7/8"	3/4"	5/8"	1/2"

BRANCH PIPES

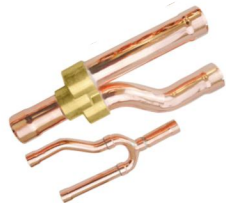


MODELS	CATEGORY	A(ID)		B(ID)		C(ID)	
CMY-102SS-G2	GAS	3/4"		5/8"		3/4"	
	LIQUID	3/8"		3/8"		3/8"	
CMY-102LS-G2	GAS	1"		3/4"		1"	
	LIQUID	1/2"			3/8"	1/2"	
CMY-202S-G2	GAS	1"		3/4"		1"	
	LIQUID	5/8"		1/2"		5/8"	
CMY-302S-G2	GAS	1-1/4"		1"		1-1/4"	
	LIQUID	3/4"		5/8"		3/4"	
CMY-100CBK3	GAS	1-1/8"		1"	7/8"	1"	7/8"
	LIQUID	5/8"		1/2"		1/2"	
CMY-200CBK3	GAS	1-3/8"	1-1/8"	1-1/8"		1-1/8"	
	LIQUID	3/4"		5/8"		5/8"	
CMY-300CBK3	GAS	1-1/2"	1-1/4"	1-1/8"	1-3/8"	1-1/8"	
	LIQUID	3/4"		5/8"	3/4"	5/8"	
CMY-104C-G	GAS	3/4"	5/8"	5/8"		1/2"	
	LIQUID	1/2"		3/8"		1/4"	
CMY-108C-G	GAS	1"		3/4"	3/4"	1/2"	
	LIQUID	1/2"		3/8"		1/4"	
CMY-1010C-G	GAS	1"		3/4"	5/8"	1/2"	
	LIQUID	5/8"		3/8"		1/4"	
CMY-Y62-G-E	GAS	3/8"	1/2"	3/8"	1/4"	3/8"	
	LIQUID	3/4"	7/8"	5/8"	1/2"	5/8"	

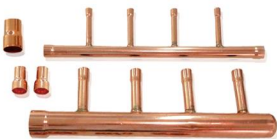
TOSHIBA



MODELS	CATEGORY	A(ID)		B(ID)		C(ID)	
RBM-BY55E	GAS	5/8"		5/8"		5/8"	
	LIQUID	3/8"		3/8"		3/8"	
RBM-BY105E	GAS	7/8"		7/8"		7/8"	
	LIQUID	5/8"		5/8"		5/8"	
RBM-BY205E	GAS	1-1/4"		1-1/4"		1-1/4"	
	LIQUID	5/8"		5/8"		5/8"	
RBM-BY305E	GAS	1-1/2"		1-1/2"		1-1/2"	
	LIQUID	7/8"		7/8"		7/8"	



MODELS	CATEGORY	A(ID)		B(ID)		C(ID)		D(ID)	
RBM-BT14E	GAS	1-1/4"		1-1/8"		1"		1"	
	LIQUID	3/4"		3/4"		3/4"		-	
		3/8"		3/8"		3/8"		-	
RBM-BT24E	GAS	1-1/2"		1-1/2"		1-1/8"		1-1/8"	
	LIQUID	7/8"		7/8"		7/8"		-	
		3/8"		3/8"		3/8"		-	

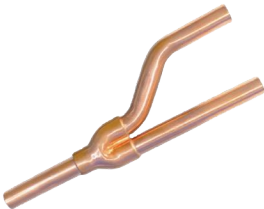


MODELS	CATEGORY	A(ID)		B(ID)	
RBM-HY1004	GAS	7/8"		5/8"	
	LIQUID	5/8"		3/8"	
RBM-HY2004	GAS	1-1/4"		5/8"	
	LIQUID	5/8"		3/8"	

- Models for 3-Pipes system are also available.



MODELS	CATEGORY	A(ID)		B(ID)		C(ID)	
DOS-3A-3	GAS	1/2"		1-1/2"	1-1/4"	1-1/8"	1"
	LIQUID	1-1/8"		7/8"	3/4"	5/8"	1/2"
DIS-22-1	GAS	1/2"	5/8"	5/8"	1/2"	3/8"	5/8"
	LIQUID	3/8"		3/8"	1/4"	3/8"	1/4"
DIS-180-1	GAS	5/8"	3/4"	7/8"	3/4"	5/8"	1/2"
	LIQUID	3/8"	1/2"	5/8"	1/2"	3/8"	1/4"
DIS-371-1	GAS	1"	1-1/8"	1-1/4"	1"	7/8"	3/4"
	LIQUID	1/2"	5/8"	5/8"	1/2"	3/8"	1/4"
DIS-540-2	GAS	1-1/8"	1-1/4"	1-1/2"	1-1/4"	1-1/8"	1"
	LIQUID	1/2"	5/8"	3/4"	7/8"	3/4"	5/8"
DOS-2A-3	GAS	1-1/8"	1-1/4"	1-1/2"	1-1/8"	1"	1-1/8"
	LIQUID	1/2"	5/8"	3/4"	7/8"	1/2"	1/2"
DOS-3A-3	GAS	1-1/8"	1-1/4"	1-1/2"	1-1/8"	1"	1-1/8"
	LIQUID	1/2"	5/8"	3/4"	7/8"	1/2"	1/2"

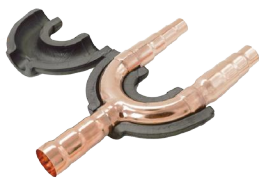
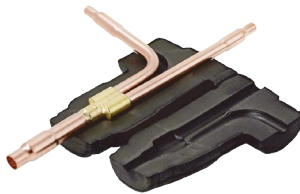
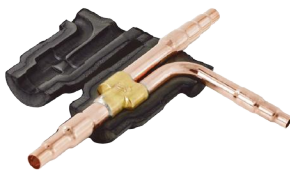


Universal for braze-free connection

SIZE	DIMENSIONS					
	A		B		C	
	Lnch	mm	Lnch	mm	Lnch	mm
3/8"	0.38	9.53	7.59	192.00	2.37	60.00
1/2"	0.50	12.70	8.97	227.00	2.49	63.00
5/8"	0.63	15.88	9.49	240.00	2.61	66.00
3/4"	0.75	19.05	10.20	258.00	2.73	59.00
7/8"	0.88	22.23	12.13	307.00	2.89	73.00
1-1/8"	1.13	28.57	13.16	333.00	3.56	90.00

- More models to name, we are also producing branch pipes suitable for all other major VRF brands.

Branch Joints insulation cover

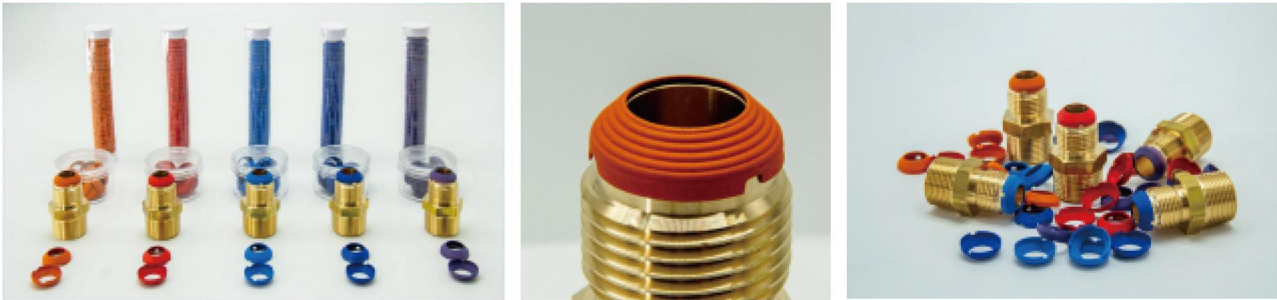


- Insulation materials available: EVA, XPE.

FLAREGASKET

Provide zero leak environmentally sealing solutions

Easy and quick assembly, suitable for global refrigeration systems, extending pipeline working life.



FlareGasket surface is covered with a microcapsule pre-coating to improve tightness.

- Nominal working temperature: -45°F~300°F/-45°C~149°C
- Nominal maximum working pressure: 10000psi/689bar
- Compatible with all types of refrigerants

SPEC		Recommended torque	
inch	mm	lbs.ft.	N.m
1/4"	6.35	14-18	18.98-24.40
3/8"	9.52	24-30	32.54-40.67
1/2"	12.70	40-47	54.23-63.72
5/8"	15.88	46-59	62.37-79.99
3/4"	19.05	72-86	97.62-116.60

REFRIGERATION VALVES

Refrigeration Valves



- Available ball valve sizes: 1/4" to 2-1/8"

CO2 FITTINGS

ZHP130

A copper-iron alloy pipe fitting for a refrigeration system that can withstand ultra-high pressure (130Bar)

- 130Bar working pressure
- 420Bar burst pressure
- ANSI B16.22 pipe fittings standard
- R-744 refrigerant

ZHP130 Tubes		Type Designation	Detailed Designation							
9.52×0.65mm	3/8"	Coupler	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"
12.70×0.85mm	1/2"	Elbow 45°				3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"
15.87×1.05mm	5/8"	Elbow 90°	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"
19.05×1.30mm	3/4"	Tee	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"
22.23×1.50mm	1/8"	End Cap	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/8"	1 3/8"	1 5/8"
28.57×1.90mm	1 1/8"	Reducing Tee	1/2"×3/8"	5/8"×1/2"	3/4"×5/8"	1 1/8"×7/8"	1 3/8"×1 1/8"	1 5/8"×1 3/8"	2 1/8"×1 5/8"	
34.92×2.30mm	1 3/8"	Reducing Couple	1/2"×3/8"	5/8"×3/8"	5/8"×1/2"	3/4"×3/8"	3/4"×1/2"	3/4"×5/8"	7/8"×3/8"	
41.27×2.70mm	1 5/8"	Reducing Couple I/A	7/8"×5/8"	7/8"×3/4"	1 1/8"×5/8"	1 1/8"×3/4"	1 1/8"×7/8"	1 3/8"×1 1/8"	1 5/8"×1 3/8"	



BRAZE-FREE FITTINGS AND TOOLS

Press type Brazed-Free copper pipe



Straight Coupler

Product ID	SIZE(inches /mm)
NPSC0202D1	1/4"(6.35)
NPSC0303D1	3/8"(9.52)
NPSC0404D1	1/2"(12.70)
NPSC0505D1	5/8"(15.88)
NPSC0606D1	3/4"(19.05)
NPSC0707D1	7/8"(22.23)
NPSC1111D1	1 1/8"(28.58)
NPSC1313D1	1 3/8"(34.93)
NPSC1515D1	1 5/8"(41.28)

BRAZE-FREE FITTINGS AND TOOLS



Reducing Coupler

Product ID	SIZE(inches /mm)
NPRC0302D1	3/8"-1/4"(9.52-6.35)
NPRC0403D1	1/2"-3/8"(12.70-9.52)
NPRC0402D1	1/2"-1/4"(12.70-6.35)
NPRC0504D1	5/8"-1/2"(15.88-12.70)
NPRC0503D1	5/8"-3/8"(15.88-9.52)
NPRC0605D1	3/4"-5/8"(19.05-15.88)
NPRC0604D1	3/4"-1/2"(19.05-12.70)
NPRC0603D1	3/4"-3/8"(19.05-9.52)
NPRC0706D1	7/8"-3/4"(22.23-19.05)
NPRC0705D1	7/8"-5/8"(22.23-15.88)
NPRC0704D1	7/8"-1/2"(22.23-12.70)
NPRC0703D1	7/8"-3/8"(22.23-9.52)
NPRC1107D1	1 1/8"-7/8"(28.58-22.23)
NPRC1106D1	1 1/8"-3/4"(28.58-19.05)
NPRC1105D1	1 1/8"-5/8"(28.58-15.88)
NPRC1311D1	1 3/8"-1" 1/8"(34.93-28.58)
NPRC1307D1	1 3/8"-7/8"(34.93-22.23)
NPRC1513D1	1 5/8"-1 3/8"(41.28-34.93)
NPRC1511D1	1 5/8"-1 1/8"(41.28-28.58)



45° Street Elbow

Product ID	SIZE(inches /mm)
NPBF0606D1	3/4"(19.05)
NPBF0707D1	7/8"(22.23)
NPBF1111D1	1 1/8"(28.58)
NPBF1313D1	1 3/8"(34.93)
NPBF1515D1	1 5/8"(41.28)



90° Street Elbow

Product ID	SIZE(inches /mm)
NPMF0606D1	3/4"(19.05)
NPMF0707D1	7/8"(22.23)
NPMF1111D1	1 1/8"(28.58)
NPMF1313D1	1 3/8"(34.93)
NPMF1515D1	1 5/8"(41.28)



90° Elbow

Product ID	SIZE(inches /mm)
NPME0303D1	3/8"(9.52)
NPME0404D1	1/2"(12.70)
NPME0505D1	5/8"(15.88)
NPME0606D1	3/4"(19.05)
NPME0707D1	7/8"(22.23)
NPME1111D1	1 1/8"(28.58)
NPME1313D1	1 3/8"(34.93)
NPME1515D1	1 5/8"(41.28)



Ball Valve

Product ID	SIZE(inches /mm)
NPBV0202D1	1/4"(6.35)
NPBV0303D1	3/8"(9.52)
NPBV0404D1	1/2"(12.70)
NPBV0505D1	5/8"(15.88)
NPBV0606D1	3/4"(19.05)
NPBV0707D1	7/8"(22.23)



End Cap

Product ID	SIZE(inches /mm)
NPEC0202D1	1/4"(6.35)
NPEC0303D1	3/8"(9.52)
NPEC0404D1	1/2"(12.70)
NPEC0505D1	5/8"(15.88)
NPEC0606D1	3/4"(19.05)
NPEC0707D1	7/8"(22.23)



Charging Valve

Product ID	SIZE(inches /mm)
NPVC0200D1	1/4"(6.35)
NPVC0300D1	3/8"(9.52)
NPVC0400D1	1/2"(12.70)
NPVC0500D1	5/8"(15.88)
NPVC0600D1	3/4"(19.05)
NPVC0700D1	7/8"(22.23)
NPVC1000D1	1"(25.40)
NPVC1100D1	1 1/8"(28.58)

Flare-90° Elbow with LOCK

Product ID	SIZE(inches /mm)
NPFE0202D1	1/4"(6.35)
NPFE0303D1	3/8"(9.52)
NPFE0404D1	1/2"(12.70)
NPFE0505D1	5/8"(15.88)
NPFE0606D1	3/4"(19.05)

45° Elbow

Product ID	SIZE(inches /mm)
NPBE0606D1	3/4"(19.05)
NPBE0707D1	7/8"(22.23)
NPBE1111D1	1 1/8"(28.58)
NPBE1313D1	1 3/8"(34.93)
NPBE1515D1	1 5/8"(41.28)



BRAZE-FREE FITTINGS AND TOOLS

Straight Coupler with Charging Port



Product ID	SIZE(inches /mm)
NPSC0202D1	1/4"(6.35)
NPSC0303D1	3/8"(9.52)
NPSC0404D1	1/2"(12.70)
NPSC0505D1	5/8"(15.88)
NPSC0606D1	3/4"(19.05)

Flare-Connector with LOCK



Product ID	SIZE(inches /mm)
NPFC0202D1	1/4"(6.35)
NPFC0303D1	3/8"(9.52)
NPFC0404D1	1/2"(12.70)
NPFC0505D1	5/8"(15.88)
NPFC0606D1	3/4"(19.05)

TOOLS



HAND ASSEMBLY TOOL

NPHT0001×1

- The kit includes the hand assembly tool & 7 pairs of assembly jaws which can be exchanged quickly and easily.
- The handle is offset on both sides,allowing full use in places difficult to access.



TUBE CUTTER

NPCT0001×1

- Using roller bearing technology that makes tube cutting quickly and easily.



TUBE EXPANDER

NPTE0001S2

- The tube expander can adjust the tube diameter to ensure that the copper pipe is regular and smooth.



ANAEROBIC SEALANT

NPSL0050×2

- Particularly developed for NEXLOC brass fittings and mandatory use.
- Works for ambient temperature -10 to 30°C.
- Reliable for NEXLOC connections, can kill unevenness of copper pipe.



DEBURRER

NPTD0001×2

- Using tube deburrer can quickly and clean deburr tubes, edges and steel plates.



ABRASIVE MAT

NPAM0001×1

- Using abrasive mat to clean both ends of the copper pipe.

Crimp type Braze-Free copper pipe



Straight Coupler

SIZE	inches			mm		
	L	D	L1	L	D	L1
1/4"(6.35)	1.63	0.26	0.77	41.5	6.5	19.5
3/8"(9.52)	1.63	0.39	0.77	41.5	9.8	19.5
1/2"(12.70)	2.09	0.5	0.93	53	12.8	23.5
5/8"(15.88)	2.38	0.64	1.08	60.5	16.20	27.5
3/4"(19.05)	2.48	0.76	1.12	63	19.3	28.5
7/8"(22.23)	2.56	0.88	1.12	65	22.4	28.5
1 1/8"(28.58)	2.83	1.13	1.20	72	28.80	30.5



Reducing Coupler

SIZE	inches					mm			
	D	D1	L	L1	L2	D	D1	L	L2
1/2"×3/8"(12.70×9.52)	0.5	0.39	2.05	0.93	0.77	12.8	9.8	52	23.5
5/8"×1/2" (15.88×12.70)	0.64	0.5	2.36	1.08	0.93	16.2	12.8	60	27.5
3/4"×1/2"(19.05×12.70)	0.76	0.5	2.52	1.12	0.93	19.3	12.8	64	28.5
3/4"×5/8"(19.05×15.88)	0.76	0.64	2.6	1.12	1.08	19.3	16.2	66	28.5
7/8"×5/8"(22.23×15.88)	0.88	0.64	2.68	1.12	1.08	22.4	16.2	68	28.5
7/8"×3/4"(22.23×19.05)	0.88	0.76	2.6	1.12	1.12	22.4	19.3	66	28.5
1 1/8"×5/8"(28.58×15.88)	1.13	0.64	2.99	1.20	1.08	28.8	16.2	76	30.5
1 1/8"×3/4"(28.58×19.05)	1.13	0.76	2.91	1.20	1.12	28.8	19.3	74	30.5



90° Elbow

SIZE	inches			mm		
	L	D	L1	L	D	L1
5/8"(15.88)	1.91	0.64	1.08	48.5	16.20	27.5
3/4"(19.05)	2.15	0.76	1.12	54.5	19.3	28.5
7/8"(22.23)	2.26	0.88	1.12	57.5	22.4	28.5
1 1/8"(28.58)	2.70	1.13	1.20	68.5	28.80	30.5

Equal Tee

SIZE	inches				mm			
	D	L	H	L1	D	L	H	L1
1/2"(12.70)	0.5	2.64	0.93	0.93	12.80	67	23.5	23.5
5/8"(15.88)	0.64	2.95	1.08	0.96	16.20	75	27.5	24.5
3/4"(19.05)	0.76	3.27	1.12	1.12	19.3	83	28.5	28.5
7/8"(22.23)	0.88	3.43	1.12	1.12	22.4	87	28.5	28.5
1 1/8"(28.58)	1.13	3.86	1.20	1.20	28.80	98	30.5	30.5

Flare-Connector

SIZE	inches					mm			
	D	L	L1	L2	L3	D	L	L1	L2
1/4"(6.35)	0.26	2.19	0.77	1	1.87	6.5	55.6	19.5	25.4
3/8"(9.52)	0.39	2.42	0.77	1.17	2.03	9.8	61.5	19.5	29.6
1/2"(12.70)	0.5	2.73	0.93	1.22	2.26	12.8	69.3	23.5	31.1
5/8"(15.88)	0.64	3.05	1.08	1.34	2.54	16.2	77.4	27.5	34
3/4"(19.05)	0.76	3.38	1.12	1.5	2.76	19.3	85.8	28.5	38.1



BRAZE-FREE FITTINGS AND TOOLS



Reducing Tee

SIZE	inches					mm				
	D	D1	L	L1	L2	D	D1	L	L1	L2
7/8"×5/8"(22.23×15.88)	0.88	0.64	3.15	1.12	0.96	22.4	16.2	80	28.5	24.5
1 1/8"×5/8"(28.58×15.88)	1.13	0.64	3.31	1.2	0.96	28.8	16.2	84	30.5	24.5
1 1/8"×7/8"(28.58×22.23)	1.13	0.88	3.54	1.2	1.12	28.8	22.4	90	30.5	28.5



Male Nute Connector

SIZE	inches				mm			
	M	L	D	L1	M	L	D	L1
5/8"×1/2"M(15.88×1/2"M)	0.05	3.46	0.63	1.34	12.70	88	16.10	34
7/8"×3/4"M(22.23×3/4"M)	0.75	3.70	0.88	1.34	19.05	94	22.30	34
1 1/8"×1"M(28.58×1"M)	1.00	4.17	1.13	4.17	25.40	106	28.70	106
1 3/8"×1 1/4"M(34.93×1 1/4"M)	0.50	3.70	0.88	3.70	12.70	94	22.30	94



End Cap

SIZE	inches			mm		
	L	D	L1	L	D	L1
1/4"(6.35)	0.83	0.26	0.77	21	6.50	19.5
3/8"(9.52)	0.83	0.39	0.77	21	9.8	19.5
1/2"(12.70)	0.98	0.5	0.93	25	12.8	23.5
5/8"(15.88)	1.14	0.64	1.08	29	16.20	27.5
3/4"(19.05)	1.20	0.76	1.12	30.5	19.3	28.5
7/8"(22.23)	1.20	0.88	1.12	30.5	22.4	28.5
1 1/8"(28.58)	1.29	1.13	1.20	32.8	28.80	30.5



Male Union

SIZE	inches				mm			
	M	L	D	L1	M	L	D	L1
5/8"×1/2"M(15.88×1/2"M)	0.05	1.81	0.63	0.87	12.70	46	15.88	22
7/8"×1/2"M(22.23×1/2"M)	0.50	1.89	0.87	0.94	12.70	48	22.23	24
7/8"×3/4"M(22.23×3/4"M)	0.75	2.01	0.87	0.94	19.05	51	22.23	24
1 1/8"×1"M(28.58×1"M)	1.00	2.13	1.13	0.98	25.40	54	28.58	25
1 3/8"×1 1/4"M(34.93×1 1/4"M)	0.25	2.63	1.38	1.02	6.35	60	34.93	26



Female-threaded Press Union

SIZE	inches				mm			
	M	L	D	L1	M	L	D	L1
5/8"×1/2"F(15.88×1/2"F)	0.05	1.57	0.63	0.87	12.70	40	15.88	22
7/8"×1/2"F(22.23×1/2"F)	0.50	1.61	0.87	0.94	12.70	41	22.23	22
7/8"×3/4"F(22.23×3/4"F)	0.75	1.81	0.87	0.94	19.05	46	22.23	24
1 1/8"×1"F(28.58×1"F)	1.00	1.89	1.13	0.98	25.40	48	28.58	25



Female-threaded Elbow

SIZE	inches					mm				
	M	L	D	L2	L1	M	L	D	L2	L1
5/8"×1/2"F(15.88×1/2"F)	0.50	1.77	0.63	1.26	0.94	12.70	45	15.88	32	23.9
7/8"×1/2"F(22.23×1/2"F)	0.50	1.93	0.87	1.65	1.06	12.70	49	22.23	42	26.9
7/8"×3/4"F(22.23×3/4"F)	0.75	1.93	0.87	1.61	1.06	19.05	49	22.23	41	26.9



Female-threaded Tee

SIZE	inches					mm				
	M	L	D	L2	L1	M	L	D	L2	L1
5/8"×1/2"F(15.88×1/2"F)	0.50	3.54	0.63	1.30	0.87	12.70	90	15.88	33	22



Venturi

SIZE	inches			mm		
	L	D	L1	L	D	L1
7/8"(22.23)	3.23	0.78	1.34	82	19.90	34
1 1/8"(28.58)	3.54	1.02	1.34	90	3.54	34



Female-threaded Tripod

SIZE	inches				mm			
	D	L	LC	L1	D	L	LC	L1
7/8"×1/2"F(22.23×1/2"F)	0.87	2.68	2.28	1.34	22.23	68	58	34

TOOLS



Electrical Pressing Jaw

- The electric components allow you to install all the accessories with great power, and the 20000mah battery can make up to 100 pressure connections.



Jaw Size	5/8(15.88)	3/4(19.05)	7/8(22.23)
	1 1/8(28.58)		



3M Scouring pad

Clean the ends of the copper tube with a rag.



Pipe cutter

Roller bearing technology makes pipe cutting fast and convenient.



Deburrer

The Deburrer can quickly clear the edges and burrs.

- Compatible tool brands: Milwaukee, DeWalt, Klauke, Rothernberg, etc..

BRAZE-FREE FITTINGS AND TOOLS

| New brand refrigerant quick connector

End Cap



Coupling



Elbow



A(inch)	A(mm)
1/4"	6.35
3/8"	9.52
1/2"	12.7
5/8"	15.88
3/4"	19.05
7/8"	22.23
1"	25.4
1 1/8"	28.58
1 1/4"	31.8
1 3/8"	34.93
1 1/2"	38.1
1 5/8"	41.28
1 3/4"	44.45

Reducing Coupling



A&D(inch)	A(mm)
3/8"x1/4"	9.52-6.35
1/2"x1/4"	12.7-6.35
1/2"x3/8"	12.7-9.52
5/8"x3/8"	15.88-9.52
5/8"x1/2"	15.88-12.7
3/4"x1/2"	19.05-12.7
3/4"x5/8"	19.05-15.88
7/8"x5/8"	22.22-15.88
7/8"x3/4"	22.22-19.05
1"x3/4"	25.40-19.05
1"x7/8"	25.40-22.22
1 1/8"x3/4"	28.58-19.05
1 1/8"x7/8"	28.58-22.22
1 1/4"x7/8"	31.75-22.22
1 1/4"x1 1/8"	31.75-28.58
1 3/8"x7/8"	34.93-22.22
1 3/8"x1 1/8"	34.93-28.58
1 1/2"x1 1/8"	38.10-28.58
1 1/2"x1 3/8"	38.10-34.93
1 5/8"x1 1/8"	41.28-28.58
1 5/8"x1 3/8"	41.28-34.93
1 3/4"x1 5/8"	44.45-41.28
1 3/4"x1 3/8"	44.45-34.93

Ball Valve



End Cap with Charging port



A(inch)	A(mm)
1/4"	6.35
3/8"	9.52
1/2"	12.7
5/8"	15.88
3/4"	19.05
7/8"	22.23
1"	25.4
1 1/8"	28.58
1 1/4"	31.8
1 3/8"	34.93
1 1/2"	38.1
1 5/8"	41.28
1 3/4"	44.45

Flare Adapter



A&D(inch)	A(mm)
1/4"	6.35
3/8"	9.52
1/2"	12.7
5/8"	15.88
3/4"	19.05

| TOOLS



Scouring Mat



Cutter



Electric Straightener



Deburrer



Depth Gauge,Marker



Depth Gauge,Marker

COPPER FITTINGS

Straight Coupling



SIZE
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"
1-3/8"
1-1/2"
1-5/8"
2"
2-1/8"
2-1/2"
2-5/8"
3"
3-1/8"
3-5/8"
4-1/8"

Equal Tee



45° Elbow



SIZE
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"
1-3/8"
1-1/2"
1-5/8"
2"
2-1/8"
2-1/2"
2-5/8"
3"
3-1/8"
3-5/8"
4-1/8"

90° Elbow



90° Street Elbow



Long Radius Elbow



SIZE
3/8"
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"
1-3/8"
1-1/2"
1-5/8"
2"
2-1/8"
2-1/2"
2-5/8"
3"
3-1/8"
3-5/8"
4-1/8"

Cross For
Gedbrass



SIZE
5/8"
3/4"
7/8"
1-1/8"
1-3/8"
1-5/8"
2-1/8"

Fold-out Shoe



SIZE
1/2"
5/8"
7/8"
1-1/8"
1-3/8"
1-1/2"
2-1/8"

Special Tee



SIZE
3/8"
1/2"
5/8"
3/4"
7/8"
1"
1-1/8"
1-1/4"
1-3/8"
1-1/2"
1-5/8"
2-1/8"

Return Bend



Reducing 90°
Elbow



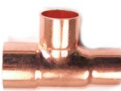
SIZE
7/8"×5/8"
1-1/8"×5/8"
1-1/8"×7/8"
1-3/8"×7/8"
1-3/8"×1-1/8"

Reducing Tee
Both End



SIZE
5/8"×5/8"×7/8"
7/8"×7/8"×1-1/8"
1-1/8"×1-1/8"×1-3/8"
1-1/8"×1-5/8"×1-3/8"
1-5/8"×1-5/8"×2-1/8"
2-1/8"×2-1/8"×2-5/8"
2-5/8"×2-5/8"×3"

Reducing
Tee-one End



SIZE
7/8"×5/8"×7/8"
1-1/8"×7/8"×1-1/8"
1-3/8"×1-1/8"×1-3/8"
1-5/8"×1-3/8"×1-5/8"
2-1/8"×1-5/8"×2-1/8"

Storage Oil Elbow



SIZE
1/2"
5/8"
3/4"
7/8"
1-1/8"
1-3/8"
1-5/8"
2-1/8"

Full Cross Over



SIZE
5/8"
7/8"
1-1/8"

Reducing
Tee-branch



SIZE
3/8"×1/4"
1/2"×1/4"
1/2"×3/8"
5/8"×1/4"
5/8"×3/8"
5/8"×1/2"
3/4"×3/8"
3/4"×1/2"
3/4"×5/8"
7/8"×1/2"
7/8"×5/8"
7/8"×3/4"
1-1/8"×5/8"
1-1/8"×7/8"
1-3/8"×5/8"
1-3/8"×7/8"
1-3/8"×1-1/8"
1-5/8"×5/8"
1-5/8"×7/8"
1-5/8"×1-1/8"
1-5/8"×1-3/8"
2-1/8"×5/8"
2-1/8"×7/8"
2-1/8"×1-1/8"
2-1/8"×1-3/8"
2-1/8"×1-5/8"
2-5/8"×7/8"
2-5/8"×1-1/8"
2-5/8"×1-3/8"
2-5/8"×1-5/8"
2-5/8"×1-1/8"
2-5/8"×2-1/8"
3-1/8"×1-1/8"
3-1/8"×1-3/8"
3-1/8"×1-5/8"
3-1/8"×2-1/8"
3-1/8"×2-5/8"
4-1/8"×2-1/8"
4-1/8"×2-5/8"
4-1/8"×3-1/8"

Fitting Reducer



SIZE
1/2"×3/8"
5/8"×3/8"
5/8"×1/2"
3/4"×3/8"
3/4"×1/2"
3/4"×5/8"
7/8"×3/8"
7/8"×1/2"
7/8"×5/8"
7/8"×3/4"
1-1/8"×1/2"
1-1/8"×5/8"
1-1/8"×3/4"
1-1/8"×7/8"
1-3/8"×5/8"
1-3/8"×3/4"
1-3/8"×7/8"
1-3/8"×1-1/8"
1-5/8"×5/8"
1-5/8"×5/8"
1-5/8"×3/4"
1-5/8"×7/8"
1-5/8"×1-1/8"
1-5/8"×1-3/8"
2-1/8"×5/8"
2-1/8"×3/4"
2-1/8"×7/8"
2-1/8"×1-1/8"
2-1/8"×1-3/8"
2-5/8"×2-1/8"
2-5/8"×1-3/8"
2-5/8"×1-5/8"
2-5/8"×7/8"
2-5/8"×1-1/8"
2-5/8"×1-3/8"
2-5/8"×1-5/8"
2-5/8"×2-1/8"

Reducing Coupling



SIZE
1/2"×3/8"
5/8"×3/8"
5/8"×1/2"
3/4"×3/8"
3/4"×1/2"
3/4"×5/8"
7/8"×3/8"
7/8"×1/2"
7/8"×5/8"
7/8"×3/4"
1-1/8"×5/8"
1-1/8"×3/4"
1-1/8"×7/8"
1-3/8"×5/8"
1-3/8"×7/8"
1-3/8"×1-1/8"
1-5/8"×7/8"
1-5/8"×1-1/8"
1-5/8"×1-3/8"
2-1/8"×7/8"
2-1/8"×1-1/8"
2-1/8"×1-3/8"
2-1/8"×1-5/8"
2-5/8"×1-1/8"
2-5/8"×1-3/8"
2-5/8"×1-5/8"
2-5/8"×2-1/8"
3-1/8"×1-3/8"
3-1/8"×1-5/8"
3-1/8"×2-1/8"
3-1/8"×2-5/8"
4-1/8"×2-1/8"
4-1/8"×2-5/8"
4-1/8"×3-1/8"

- Comply with ASME B16.22/ASTM B280

BRASS FITTINGS

Nut
(Birtish Standard)



SIZE	
1/4"	
3/8"	
1/2"	
5/8"	
3/4"	
7/8"	

Air-conditioner
Valve



SIZE	
1/4"	
3/8"	
1/2"	
5/8"	
3/4"	
7/8"	

Red Distribute
Connector



SIZE	
3/8"	3/4"
1/2"	1"
5/8"	1-1/8"
3/4"	1-3/4"
1/2"x3/8"x3/8"	
7/8"x7/8"x3/4"	
1-5/8"x1-1/3"x1-1/4"	
2-1/8"x1-3/4"x1-3/4"	

Brass Distribute
Connector



SIZE	
3/8"	
1/2"	
5/8"	
3/4"	
1-1/4"x1-1/8"x1-1/8"	
1-1/2"x1-1/4"x1-1/4"	
1-5/8"x1-1/2"x1-1/8"	
1-3/4"x1-3/8"x1-3/8"	

Red Distribute
Connector



SIZE	
5/8"x3/8"x3/8"x3/8"	
3/4"x3/8"x3/8"x3/8"	
7/8"x3/8"x3/8"x3/8"	

Capillary



SIZE	
Φ3×0.5×1500	
Φ3×0.5×1200	
Φ3×0.5×1000	

Half Unions Flare Unions



SIZE	
1/4"	
3/8"	
1/2"	
5/8"	
3/4"	

Special Tee



SIZE	
1/4"	
3/8"	
1/2"	

Male
Connector



Female
Connector



SIZE	
3/4"	

Liquid Distributor



SIZE	
5/8"x1/4"x8hole	
5/8"x1/4"x12hole	
5/8"x1/4"x16hole	
3/4"x1/4"x12hole	
3/4"x1/4"x16hole	
7/8"x1/4"x18hole	
1-1/8"x1/4"x24hole	
It can customize according to customer's	

Check Valve



SIZE	
1/4"	

- Comply with ASME B16.22/ASTM B280

COPPER PIPE



LWC FOR ACE(PLAIN)

American Standard Dimensions	Thickness	Single-disc weight
1/4"	0.28-1.07	90-130kg 130-180kg
3/8"	0.28-1.50	
1/2"	0.35-2.00	
5/8"	0.46-2.00	
3/4"	0.71-2.00	
7/8"	0.89-2.00	

PANCAKE COILS

American Standard Dimensions	Thickness	Single-disc weight
1/4"	0.28-1.07	3M-50M
3/8"	0.28-1.50	
1/2"	0.35-2.00	
5/8"	0.46-2.00	
3/4"	0.71-2.00	
7/8"	0.89-2.00	

PAIR INSULATED COPPER PIPE

American Standard Dimensions	Thickness	Single-disc weight
1/4"+3/8"	0.8×0.8	3M-50M
1/4"+1/2"	0.8×0.8	
1/4"+5/8"	0.8×1.0	
3/8"+5/8"	0.8×1.0	
3/8"+3/4"	0.8×1.0	
1/2"+3/4"	0.8×1.0	

STRAIGHT TUBE FOR R410A

American Standard Dimensions	Thickness
1/4"	0.8
3/8"	0.8
1/2"	0.8
5/8"	1
3/4"	1
7/8"	1.2
1"	1.2
1 1/8"	1.2
1-1/4"	1.3
1-3/8"	1.5
1-5/8"	1.5
2-1/8"	1.6
2-5/8"	1.7
3-1/8"	2

- Could be custom as per required.

PARTNERSHIP

Supply to **80+** Countries

It has sold in 80+ countries around in the world.
SCOTTFRIO has been supplying products to clients from 80+ countries.



Project

SCOTTFRIO products applied in different industrial fields.

- 200+ Five-star hotel cold/hot water piping system projects
- 80+ medical oxygen supply and air purification system projects
- 2000+ large public building projects Among these, Foshan Smart City is the largest VRF aircon system in human history: more than 4000+ ODUs, using nearly 100,000 sets of copper Y branch joints, all provided by SCOTTFRIO.

