



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



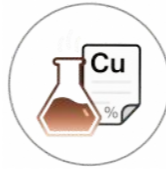
CERTIFICATES



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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PRODUCT



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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"	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"
	LIQUID	3/8"	1/2"	3/8"	1/4"	3/8"	1/4"			
KHRQ23M29T9	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"
	LIQUID	3/8"	1/2"	3/8"	1/4"	3/8"	1/4"	3/8"	1/4"	
KHRQ23M64T8	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"
	LIQUID	5/8"	1/2"	1/2"	3/8"	1/4"	5/8"	1/2"	3/8"	
KHRQ23M75T8	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"	
	LIQUID	7/8"	3/4"	5/8"	3/4"	5/8"	1/2"	3/4"	5/8"	1/2"
KHRQ58T7	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"		3/8"	1/4"	3/8"	1/4"		
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"		
FQZHN-04N1	GAS		1-5/8"		1-1/2"		1"			
	GAS		1-3/8"		1"		1"			
FQZHN-04N1	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"		
	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"	1/2"	5/8"	
	LIQUID	3/8"	1/4"	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"	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)		
		1"	3/4"	5/8"	1"	7/8"	3/4"	3/4"	5/8"	1/2"	
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"	1/4"	
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"			

HITACHI



MODELS	CATEGORY	A(ID)			B(ID)				C(ID)		
		3/4"	5/8"	7/8"	3/4"	5/8"	1/2"	5/8"	1/2"		
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"	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"	1/4"	
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"	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"	1/4"	



MODELS	CATEGORY	A(ID)				B(ID)				C(ID)			
		7/8"	3/4"	5/8"	1/2"	7/8"	5/8"	1/2"	7/8"	3/4"	5/8"	1/2"	
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"	3/8"				
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"	3/8"				
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"	3/8"	

SAMSUNG



MODELS	CATEGORY	A(ID)			B(ID)		C(ID)	
		1"	7/8"	3/4"	1"	1"	1"	1"
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"	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"	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)	
		1-1/2"	3/4"	1-1/2"	3/4"	1-1/2"	3/8"
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"

GREE 格力



MODELS	CATEGORY	A(ID)			B(ID)				C(ID)			
		3/4"	5/8"	1/2"	5/8"	1/2"	3/8"	5/8"	1/2"			
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"	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"	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"			
	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"			

BRANCH PIPES

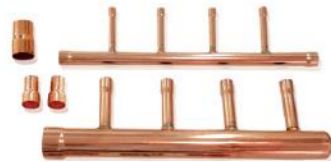
TOSHIBA



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"	-



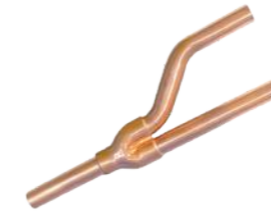
MODELS	CATEGORY	A(ID)	B(ID)
RBM-HY1004	GAS	7/8"	5/8"
	LIQUID	5/8"	3/8"
RBM-HY2004	GAS	1-1/4"	5/8"
	LIQUID	5/8"	3/8"

- Models for 3-Pipes system are also available.



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

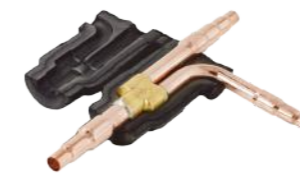
Universal for braze-free connection



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

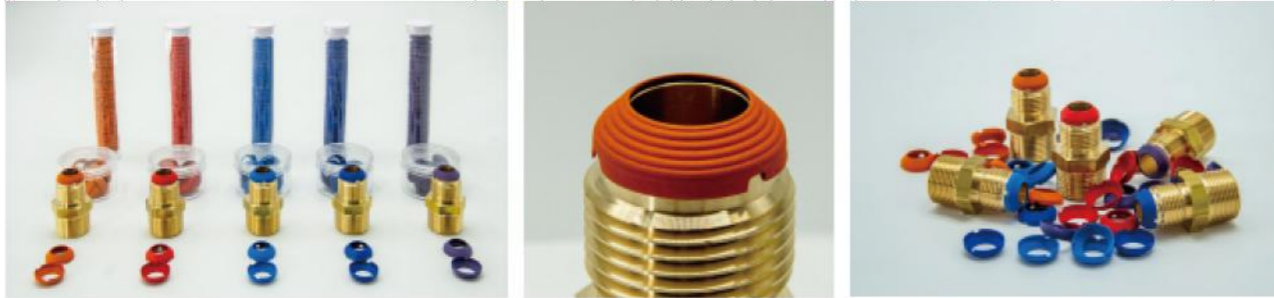


- Insulation materials available: EVA, XPE.

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



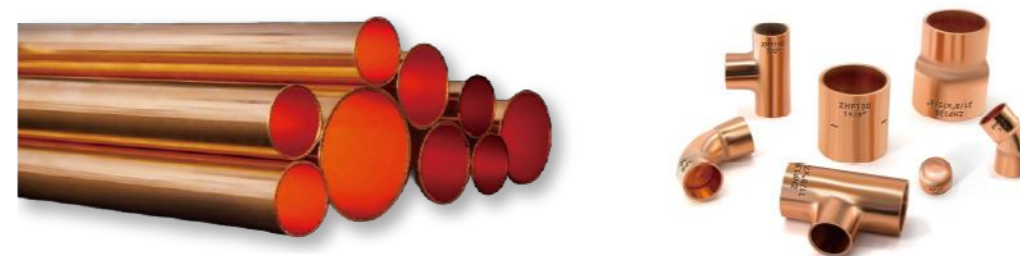
CO2 FITTINGS

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"		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"	
		Reducing Couple I/A	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"×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 Braze-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)

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)

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)

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)

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)

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.

Jaw Size	1/4(6.35)	3/8(9.52)	1/2(12.70)
	5/8(15.88)	3/4(19.05)	7/8(22.23)
	1 1/8(28.58)	-	-

CORDLESS ASSEMBLY TOOL



NPET0001×1

- The electric assembly allows you to install all fittings anywhere with powerful force, 20000mah battery could make up to 100 press connections.

Jaw Size	1/4(6.35)	3/8(9.52)	1/2(12.70)
	5/8(15.88)	3/4(19.05)	7/8(22.23)
	1 1/8(28.58)	1 3/8(34.93)	1 5/8(41.28)

DEBURRER

NPTD0001×2

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

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



NPSSL0050×2

- 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.

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	L1	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	19.5
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	23.5
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	23.5
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	27.5
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	27.5
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	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	27.5
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	28.5



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



Nipple Fitting

SIZE	inches					mm				
	D	L	L1	L2	L3	D	L	L1	L2	L3
1/4"(6.35)	0.26	2.19	0.77	1	1.87	6.5	55.6	19.5	25.4	47.5
3/8"(9.52)	0.39	2.42	0.77	1.17	2.03	9.8	61.5	19.5	29.6	51.5
1/2"(12.70)	0.5	2.73	0.93	1.22	2.26	12.8	69.3	23.5	31.1	57.5
5/8"(15.88)	0.64	3.05	1.08	1.34	2.54	16.2	77.4	27.5	34	64.5
3/4"(19.05)	0.76	3.38	1.12	1.5	2.76	19.3	85.8	28.5	38.1	70

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-threaded Press Union with Nut



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-threaded Press 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 2000mah 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.

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



Electric Straightener



Depth Gauge, Marker



Cutter



Deburrer



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



SIZE
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"

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-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"

Full Cross Over



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

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



SIZE
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° Street Elbow



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

Fold-out Shoe



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

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"

Storage Oil Elbow



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

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"

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



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

Tube End Cap



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

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"
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"×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"
1-3/8"×1-1/8"
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"×7/8"
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"
2-1/8"×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"×2-1/8"
2-5/8"×2-5/8"
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
(British 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"×3/8"×3/8"
7/8"×7/8"×3/4"
1-5/8"×1-1/5"×1-1/4"
2-1/8"×1-3/4"×1-3/4"

Brass Distribute Connector



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

Red Distribute Connector



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

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"×1/4"×8hole
5/8"×1/4"×12hole
5/8"×1/4"×16hole
3/4"×1/4"×12hole
3/4"×1/4"×16hole
7/8"×1/4"×18hole
1-1/8"×1/4"×24hole
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.
SCOTTRIO has been supplying products to clients from 80+ countries.



Project

SCOTTRIO 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 SCOTTRIO.

