



Ningbo Yinzhou Hengxing Air-Conditioning Fittings Factory
宁波市鄞州恒星空调配件厂



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HENGXING

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企业简介 / About Us

宁波市鄞州恒星空调配件厂初创于1985年，具有超30年的专业生产空调配件经验和雄厚的技术力量。经过几十年的发展，工厂产品应用范围从制冷管路件覆盖到建筑、地暖等多领域。

工厂拥有一支现代化的管理团队，以“质量立身，诚信为本”作为经营理念；以创造国际一流品质为目标，始终把客户的需求作为自己生存的条件，不断为客户提供高品质的定制化服务。

Established in 1985, Ningbo Yinzhou Hengxing Air Conditioner Fittings Factory is specialized in producing all kinds of copper/brass fittings and air conditioner accessories.

Through more than 20 years' development, we have enlarged our products coverage from cooling copper fittings to the whole life area, including construction area, cooling system, plumbing system, heating floor system and automobile.

Ningbo Yinzhou Hengxing has the most advanced production equipment and strict quality control system. Quality and integrity are our business philosophy. We always take customer's need as the first priority, trying our best to provide high quality products to meet or even exceed customers expectations.



主要产品 / Main Products

1. 快速接头 Patent Self-Sealing Quick Connectors
2. 空调快速连接管 Insulated Connecting Pipe
3. 分液头及组件 Distributor and Assembly
4. 制冷管路件 Manifolds and Pipe Assemblies
5. 定制接头 Customized Connectors
6. 其他标准件 Other Standard Copper and Brass Fittings



创新 Pursuing Innovation

诚信 Managing With Integrity

求精 Keep Improving In Quality

致远 Seeking Super Excellence

快速接头

发明专利号: ZL 2013 1 0672372.4
Invention patent Number: ZL 2013 1 0672372.4



Patent Self-Sealing Quick Connectors

恒星自密封快接可以轻松实现管路内制冷剂的预充，方便安装及维护。可广泛应用于空调系统、制冷系统、分体空调、热泵、热水器及便携的制冷方案中。

Hengxing's patent self-sealing coupling can easily achieve pre-charging of refrigerant in the pipe and provide easy installation and maintenance. It can be widely applied in AC system, refrigeration system, split air conditioner, heat pump system, water heater system and portable cooling solutions.

支持个性化定制

We can also customize based on your needs

主要材质 Main Materials

HPb59-1 黄铜, TP2 紫铜, 符合 RoHS 标准;

橡胶: 氢化丁晴

HPb59-1 brass, TP2 Copper, the material is conforming to GB/T and RoHS standards.

Rubber: HNBR

主要尺寸 Main Size

1/4", 3/8", 1/2", 5/8", 3/4".

The end connection type of the couplings can be customized based on application.



HX-C Series



HX-D Series



HX-ZT Series

适用制冷剂类型 Applicable Refrigerant Type

R290, R134A, R404A, R448A, R449A, R410A, R32, R454b etc.

基本技术性能指标 Technical Data

1、气密性试验及年泄漏量 Leakage Test & Annual Leak Rate

– 水检：4.5Mpa下3分钟，无泄漏

No leakage under 4.5Mpa for 3 minutes

– 卤素检：3g/Year，符合ISO 14903密封组件要求。

Halogen Leakage test. <3g/Year at operating pressure range, according with ISO 14903 hermetically sealed components requirement.

2、最小爆破压力 Minimum Burst Pressure

2.1 接头单独状态 Disconnected:

接头类型 Coupling Type	规格 Size	适用压力范围 Operating Pressure Range
公接头 Male	1/4, 3/8, 1/2, 5/8, 3/4	真空 – 841psi(58bar) Vacuum– 841psi(58bar)
母接头 Female	1/4, 3/8	真空 – 750psi(52bar) Vacuum – 750psi(52bar)
	1/2, 5/8, 3/4	真空 – 798psi(55bar) Vacuum – 798psi(55bar)

2.2 接头连接后状态 Connected: 2700psi(186bar)

分液头及组件

DISTRIBUTOR and ASSEMBLY



分液头 Distributor

采用Hpb59-1优质黄铜，外形美观，分流均匀，适用于空调等制冷系统的多路管连接

Our distributors are produced by excellent Hpb59-1 brass. With good-looking and well proportioned flows, it is suitable to connect multi-pipelines in cooling system.



分液器组件 Distributor Assembly

①采用TP2紫铜，按图纸要求和分液头进行焊接

The assembly is produced by alloy C12200/Cu-DHP. The material is conforming to GB/T 1527-2017 standards

②焊接采用氮气保护，焊点饱满

Welding point: no pores, cracks, slag, burrs and burn, not fusion, no obvious oxide film, no plug hole without significantly reduced

③产品经过4.5Mpa以上气密性检测，持续稳压3分钟无泄漏

The products are 100% passed leakage test at or over 4.5Mpa. and it's free of leak for 3 minutes

④产品表面经过除氧化物及钝化处理

The surface is processed with non-chromium, oxidation.

⑤可以按来图定制和按实样绘图后加工

We can customize based on your drawings or samples.



定制接头

Customized Fittings



用于空调制冷系统、水暖及各种管道系统的管路连接

Apply to the A/C System, water heating and all pipe system.

可以按来图定制和按实样绘图后加工，同时，根据客人要求提供产品设计

We can customize based on your drawings or samples.



定制接头

PEX Connectors for Flexible Hose



用于空调制冷系统、水暖及各种管道系统的管路连接
Apply to the A/C System, water heating and all pipe system.

可以按来图定制和按实样绘图后加工，同时，根据客人要求提供产品设计
We can customize based on your drawings or samples.

黄铜接头 Brass Connectors (Coupling/Flare)



Coupling



Flare

紫铜接头 Copper Connectors (Male/Female)



Female



Male

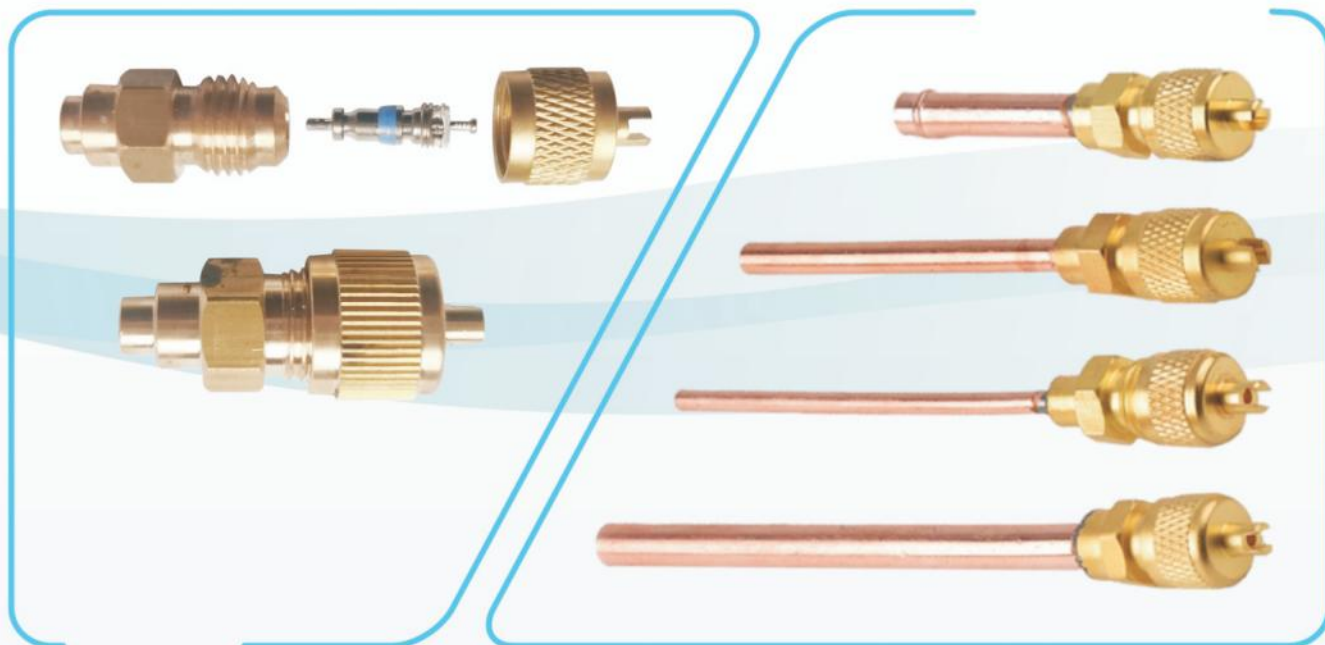
加液阀 温控管

Access Valve and Sensor Pocket

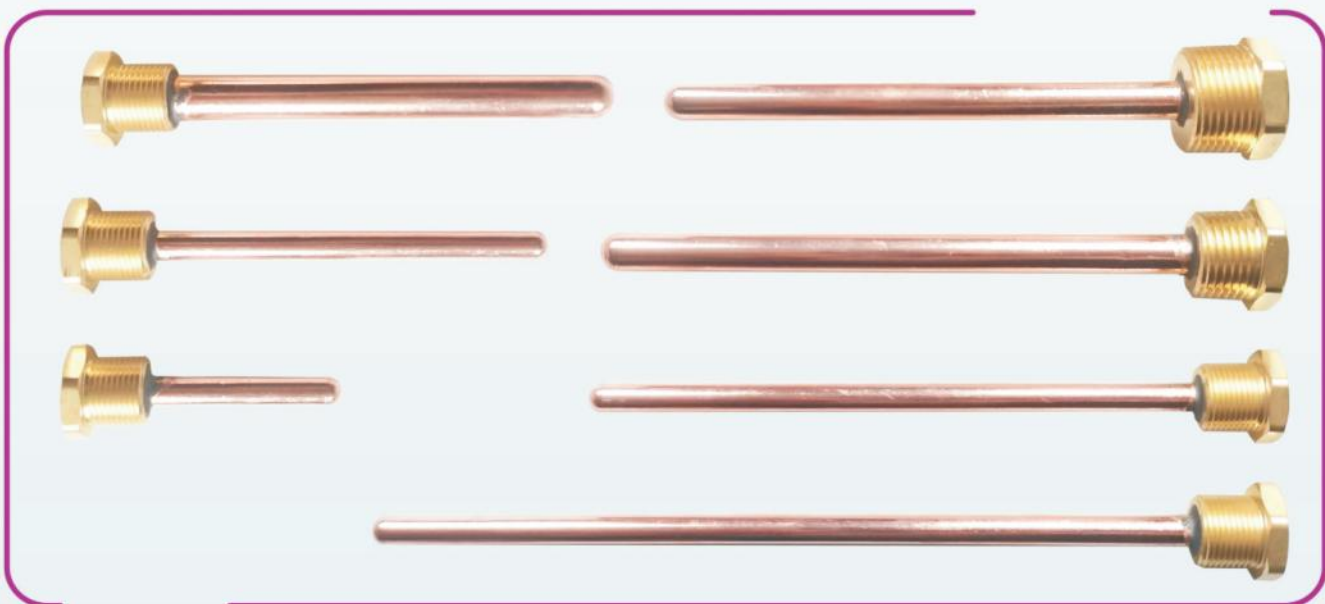


可以按来图定制和按实样绘图后加工，同时，根据客人要求提供产品设计
We can customize based on your drawings or samples.

加液阀 Access Valve



温控管 Sensor Pocket



制冷管路件

Manifolds and Pipe Assemblies



可以按来图和按实样绘图后加工，同时，根据客户要求提供产品设计

We can customize as per your drawing or sample. Meanwhile, we can also help you design it based on your requirement.

可以生产加工 $\phi 2.5 - \phi 110$ 的铜管

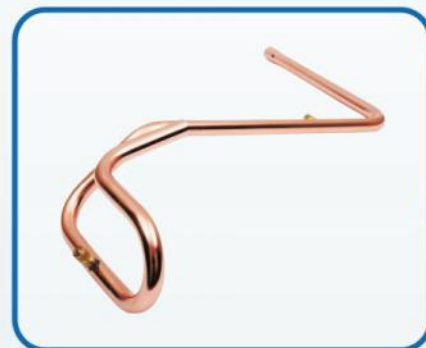
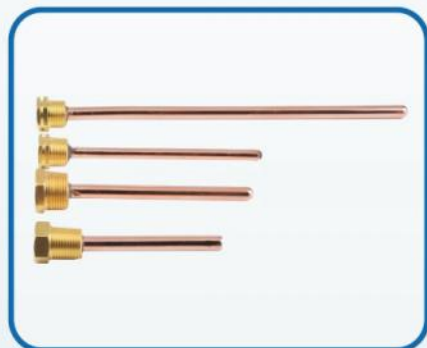
We can manufacture this kind of copper pipe with diameter from $\phi 2.5$ to $\phi 110$.



应用领域 application

These are widely used in pipeline connection of various refrigeration systems like:

Domestic air conditioners
Commercial air conditioners
Central air-conditioners



Tubes could combine with 4-way reversing valve, check valve, thermo expand valve drier-filter, distributor, together with pipes in special shape by welding process to make the equipment assembling process be convenient.