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Dingsen

产品手册
PRODUCT MANUALS

Dingsen

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COMPANY INTRODUCTION

绍兴鼎森制冷科技有限公司创立于2008年，主要生产制冷配件及汽车空调配件。公司成立10多年来，一直以“诚信为本、自主创新”为追求，以“工善建德，匠心制贝”为经营理念，以高新技术为发展导向，坚持走质量效益的可持续发展道路。通过不断创新与实践，在行业中拥有扎实的质量基础和信誉保证。同时，公司以高效优质的服务和互惠互利的信念积极与各界朋友良好合作，不断开拓市场，共创美好明天。

Shaoxing Dingsen Refrigeration Technology Co. LTD., was founded in 2008, mainly producing refrigeration accessories, auto air-conditioning accessories. The company has been established more than 10 years, since then it has been taking "Honesty and Innovation" as its goal, taking "Superb Manufacture, Good virtue, Serious attitude and High quality" as its business philosophy, taking high-tech development as its guide, and adhering to the sustainable development path of quality and benefit. Through continuous innovation and practice, the company has a solid quality foundation and reputation guarantee in the manufacture industry. Meanwhile, with efficient and high-quality service and the belief of mutual benefit, the company actively cooperate with companies from all fields, constantly explore the market, and create a better tomorrow.

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GB-1

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-1T

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ6"
Brazing:Max.Φ3"

GB-3T

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ6"
Brazing:Max.Φ3"

GB-7

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ6"
Brazing:Max.Φ3"

GB-1A

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-1AT

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3A

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ6"
Brazing:Max.Φ3"

GB-3AT

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ6"
Brazing:Max.Φ3"

GB-6ST

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2SV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2STV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3SV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3STV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2ASV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2ASTV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3ASV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3ASTV

Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:>3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2S



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3S



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2ST



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3ST



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2AS



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3AS



Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-2AST



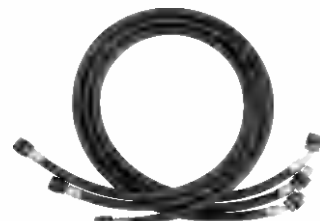
Gas Type:MAPP/Propane/LPG
Connection Standard:CG600
Max Flame Temperature:> 3600°F(MAPP Gas)
Soft Solder:Max.Φ4"
Brazing:Max.Φ1 1/4"

GB-3AST



GB-QF-2V

- 采用球阀式结构
- 全铜阀芯
- 使用简单方便
- 优异的真空特性
- 快速完全打开最大制冷剂流量
- 超大型观测镜
- 精密压力表1.6级 适用各种制冷剂
- 全新外观设计 更防撞



GB-BJP-336

Adopt ball valve structure
All copper spool
Simple and convenient for use
Excellent vacuum characteristics
Full porting for maximum refrigeration flow
Oversized sight glass for ea.sy viewing
No-fluter gauge desing,class 1.6,suitable for vadous kinds of refrigerants, the new design is more collision-proof



GB-QF-506

Specifications	Refrigerants	Description
GB-QF-2V	R-22/134/404/410	Basic unit:manifold,gauges,hook and anchors 36" /48" /60" /72" RYB hoses(600—3000psi/800—4000psi) and case
GB-QF-2V	R-410/32	
GB-QF-2V	R-12/134 R1234	
GB-QF-506	R-22/134/404/410	Basic unit:manifold,gauges,hook and anchors 36" /48" /60" /72" RYB hoses(600—3000psi/800—4000psi) and case
GB-QF-506	R-410/32	
GB-QF-506	R-12/134 R1234	



GB-QF-504L蓝色

GB-QF-504H红色

- 采用球阀式结构
- 使用简单方便
- 精密压力表1.6级 适用各种制冷剂
- 全新外观设计 更防撞

Adopt ball valve structure
Simple and convenient for use
No-fluter gauge desing,class 1.6,suitable for vadous kinds of refrigerants, the new design is more collision-proof

Specifications	Refrigerants	Description
GB-QF-504L	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case
GB-QF-504H	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case

- 采用球阀式结构
- 使用简单方便
- 精密压力表1.6级 适用各种制冷剂
- 全新外观设计 更防撞

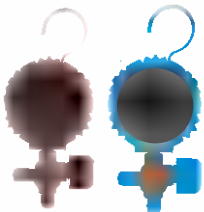
Adopt ball valve structure
Simple and convenient for use
No-fluter gauge desing,class 1.6,suitable for vadous kinds of refrigerants, the new design is more collision-proof



GB-QF-503L蓝色

GB-QF-503H红色

Specifications	Refrigerants	Description
GB-QF-503L	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case
GB-QF-503H	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case



GB-QF-505L蓝色

GB-QF-505H红色

- 采用球阀式结构
- 使用简单方便
- 精密压力表1.6级 适用各种制冷剂
- 全新外观设计 更防撞

Adopt ball valve structure
Simple and convenient for use
No-fluter gauge desing,class 1.6,suitable for vadous kinds of refrigerants, the new design is more collision-proof

Specifications	Refrigerants	Description
GB-QF-505L	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case
GB-QF-505H	R-22/134/404/410 R-410/32	Basic unit:manifold,gauges,hook and case

COMMERCIAL SERVICE MANIFOLDS

双表阀



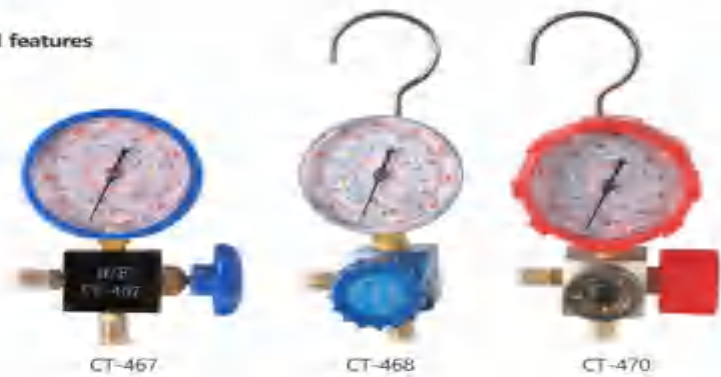
Refrigerant	QX 2-valve		QX 2-valve		QX 2-valve	
R-12, R-22, R-134a	ITEM#	Model	ITEM#	Model	ITEM#	Model
R-12, R-22, R-502	DS-1021	CT-636	DS-1031	CT-536G	DS-1041	CT-536C
R-134a						
R-22, R-134a, R-404A	DS-1022	CT-636B	DS-1032	CT-536GF	DS-1042	CT-536CF
R-22, R-404A, R-410A	DS-1023	CT-636C	DS-1033	CT-536AF	DS-1043	CT-536CF-410
R-134a, R-404A, R-407C						
R-134a, R-404A, R-507						
R-410A			DS-1035	CT-536AF-400		
R-600A CO ₂			DS-1034	CT-536AF-600	DS-1044	CT-536CF-600

1-VALVE ALUMINUM BLOCK DIAPHRAGM MANIFOLD

铝单表带阀

高压/低压阀体技术特点
High pressure/low pressure with valve body technical features

- 关闭阀门
- 计量单位/ psi /°C
- 连接3x1/4SAE
- 仪表等级1.6
- 阳极氧化铝块体
- 一个可完全打开的阀门
- 超强100%聚四氟乙烯隔膜
- 优良的真空特性
- 防震设计
- 超大旋钮，便于抓握



- Close valve
- Bourdon gauges 80mm
- Scale bar/psi/°C
- Connections 3x1/4SAE
- Gauges c1.6 pulse-free
- Anodized aluminum block body
- One full turn open/close valve
- Super-strong 100% teflon diaphragms
- Excellent vacuum characteristics
- No-flutter gauge design
- Extra large knobs for easy grip

ITEM#	Model	Description
DS-2011	CT-470H	High Single valve manifold without sightglass
DS-2012	CT-470L	Low Single valve manifold without sightglass
DS-2013	CT-468H	High Single valve manifold with sightglass
DS-2014	CT-468L	Low Single valve manifold with sightglass
DS-2015	CT-467H	High Single valve manifold without sightglass
DS-2016	CT-467L	Low Single valve manifold without sightglass

SINGLE VALVES

单表带阀

系统高低压侧的单表阀，单表阀有两个或三个款式，尼龙密封带双“O”形圈。

Individual manifolds for high and low sides of system. Individual valves are available in two or three port versions. Nylon seals with double "O" rings.



ITEM#	Model	Description
DS-2017	CT-480H	Hi-side manifold with gauge
DS-2018	CT-480L	Lo-side manifold with gauge & hook
DS-2019	CT-466AF/H	Hi-side manifold with gauge
DS-2020	CT-466AF/L	Lo-side manifold with gauge & hook
DS-2021	CT-466GF/H	Hi-side manifold with gauge
DS-2022	CT-466GF/L	Lo-side manifold with gauge & hook

DS 3.5"/ 70MM LIQUID GAUGES

冷媒油表

- 甘油填充
- 超大阅读尺度
- 无闪烁表设计
- 检修调节口
- 1/8" NPT黄铜连接
- Glycerin-filled
- Extra large easy to read scales
- No-flutter gauge design
- Rear calibration access port
- 1/8" NPT brass connection



ITEM#	Size	Description	Press. Scale	Refrigerants
DS-3015	2-1/2"	Red pressure	Mpa and psi	R404A, R407C, R410A
DS-3016	2-1/2"	Blue compound	Mpa and psi	R404A, R407C, R410A

BELLOW COMPOUND GAUGE & FILLED WITH OIL

冷媒轴向表

- 无闪烁表设计
- 易于读取的彩色刻度表面
- 耐用的金属外壳
- 检修调节口
- 高冲击防弹出设计
- 1/8" NPT黄铜连接
- No-flutter gauge design
- Easy to read color coded dial
- Durable metal casing
- Front calibration access port
- High impact pop-in lens design
- 1/8" NPT brass connection



ITEM#	Size	Description	Press. Scale	Refrigerants
DS-3017	2-1/2"	Red pressure	Bar and psi	R1234yf
DS-3018	2-1/2"	Blue compound	Bar and psi	R1234yf

OIL-FILLED (VACUUM) PRESSURE GAUGE

充油（真空）压力表

- 充油压力表是内部充油的制冷专用的抗振压力表。
- 充油压力表用于冷冻、冷藏和空气调节装置的机组上。
- 充油压力表有多种制冷剂共通用，方便使用。
- 充油压力表使用全不锈钢表壳，耐腐蚀耐冲击。
- 充油压力表为带法兰安装边的轴向压力表。

- The pressure gauge is a vibration-proof pressure gauge with oil filled inside for refrigeration use only.
- The oil-filled pressure gauge is used on freezer, cold store and air-conditioning unit.
- The oil-filled pressure gauge is convenient in application as it features one gauge for multiple refrigerants.
- The oil-filled pressure gauge has full stainless steel casing and wider beryllium bronze spring tube.
- The oil-filled pressure gauge is an axial pressure gauge with edges for flange joint.



ITEM#	Size	Description	Press. Scale	Refrigerants
QX-3019	2-1/2"	Red pressure	Mpa and psi	R404A, R22, R134a, R407C
QX-3020	2-1/2"	Blue compound	Mpa and psi	R404A, R22, R134a, R407C



R1234YF COMMERCIAL SERVICE MANIFOLDS (ALUMINUM)

R1234YF 双表阀（铝）

阀体结构特点 Ball Valve Structure Feature

- 用活动式阀芯加双“O”型圈
- 全铜阀芯
- 使用简单方便
- 优异的真空特性
- 完全打开最大制冷流量
- 超大型观光镜
- 精密压力表1.6级，适用于R1234YF制冷剂



- With the use of double spool "O" ring
- All copper spool
- Simple and convenient for use
- Excellent vacuum characteristics
- Full porting for maximum refrigeration flow
- Oversized sight glass for easy viewing
- No-fluter gauge design, class 1.6, suitable for vadous kinds of refrigerants, 80mm/3.5"liquid filled gauges; psi & barunit; °F/°C;

ITEM#	Specifications	Refrigerants	Description
DS-1015	CT-236G-1234L	R-1234	Basic unit: manifold, gauges, hook and anchors 36"RYB hoses 48"RYB hoses 60"RYB hoses 72"RYB hoses 36"RYB hoses and case



COMMERCIAL SERVICE MANIFOLDS (ALUMINUM)

双表阀(铝)

阀体结构特点 Ball Valve Structure Featur

- 用活动式阀芯加双“O”型圈
- 全铜阀芯
- 使用简单方便
- 优异的真空特性
- 完全打开最大制冷流量
- 超大型观光镜
- 精密压力表1.6级，适用于各种制冷剂.

- With the use of double spool "O" ring
- All copper spool
- Simple and convenient for use
- Excellent vacuum characteristics
- Full porting for maximum refrigeration flow
- Oversized sight glass for ea.sy viewing
- No-fluter gauge design, class 1.6, suitable for vadous kinds of refrigerants, 80mm/3.5"liquid filled gauges; psi & barunit; °F/°C



ITEM#	Specifications	Refrigerants	Description
DS-1011	CT-236G-134	R-134a R-404a	Basic unit: manifold, gauges, hook and anchors 36"RYB hoses 48"RYB hoses 60"RYB hoses 72"RYB hoses 36"RYB hoses and case
DS-1012	CT-236G-410	R-410A	Basic unit: manifold, gauges, hook and anchors 60"RYB hoses 60"RYB hoses special* HCA 60"hose
DS-1013	CT-236G-600	R-600	Basic unit: manifold, gauges, hook and anchors 60"RYB hoses 60"RYB hoses special* HCA 60"hose
DS-1014	CT-236G-12	R12 , R22 , R134 , R404	Basic unit: manifold, gauges, hook and anchors 60"RYB hoses 60"RYB hoses special* HCA 60"hose

MODEL SG SIGHT GLASS

SG型 视液镜



选型 Specification

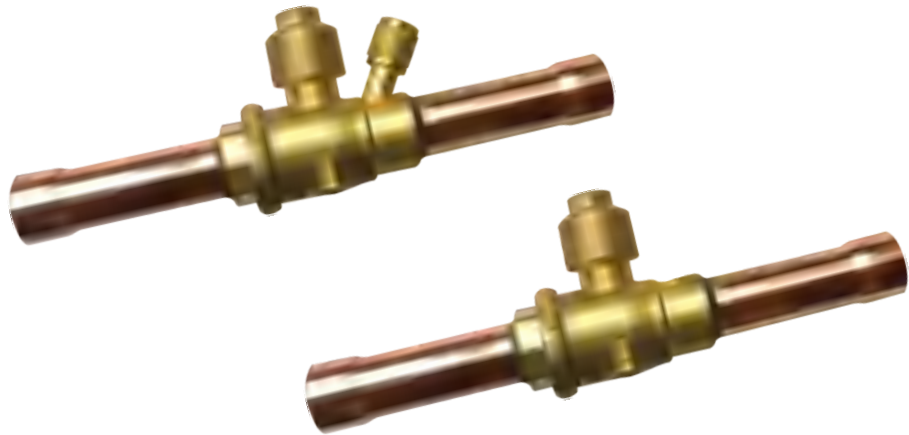
ITEM#	Weld type	Specifications
DS-4011	SGN-1/4 ODF SGS-1/4 ODF	1/4 (4011)
DS-4012	SGN-3/8 ODF SGS-3/8 ODF	3/8 (4012)
DS-4013	SGN-1/2 ODF SGS-1/2 ODF	1/2 (4013)
DS-4014	SGN-5/8 ODF SGS-5/8 ODF	5/8 (4014)
DS-4015	SGN-3/4 ODF SGS-3/4 ODF	3/4 (4015)
DS-4016	SGN-7/8 ODF SGS-7/8 ODF	7/8 (4016)
DS-4021	SGN-1/4 GAL SGS-1/4 GAL	1/4 (4021)
DS-4022	SGN-3/8 GAL SGS-3/8 GAL	3/8 (4022)
DS-4023	SGN-1/2 GAL SGS-1/2 GAL	1/2 (4023)

- SGN型/SGS型视液镜用于制冷、空调装置的液体管路上,用来指示制冷剂的流动状况、制冷剂中的含水量及油分离器回油管路中准滑油的流动状况。
- SGN型/SGS型视液镜带有一潮湿指示器,通过改变颜色来指示制冷剂中的含水量。
- SGR型视液镜用于贮液器中制冷剂的液位或压缩机曲轴箱中润滑油的液位。
- SGN型/SGR型视液镜均使用改性PTFE密封材料,适用于多种制冷剂及冷冻油,又具有很好的密封性能。
- SGN型/SGR型视液镜采用防爆压接的结构,观察窗清晰而安全。
- SGS型视液镜采用传统的玻璃烧接、O-Rina密封的独立视镜体结构。

- Both Model SGN siaht glass and Model SGS sight glass are used on the liquid piping of the refrigeration and air conditioning unit to indicatethe flow condition of the refrigerant, water cut of the refrigerant and lubricant oil flow condition of the oil return piping on the oil separator.
- Model SGN sight glass and Model SGS sight glass are equipped with one moisture indicator, which will change color to indicate the watercut in the refrigerant.
- Mode SR siaht alass is used to indicate the leve of the refrcrant in the lauid drum and the ubricant oi eve in the comoressor crankcase.
- The mocifed PTFE sealing is used in both Model SGN sicht glass and Model SGR sicht class, which is apolicable to various refrigerants andoils with perfect sealing performance.
- The structure of both Model SGN sicht glass and Model SGR sight glass is an explosion- proof press fit and the viewing glass is clear and safety.
- Model SGS sight qlass is an independent body structure with conventional sintered glass and O-ring seal.

Model GBC Ball Valve

GBC 型球阀



特点 Features

- 推动不费力降
 - 从全开到全闭只需转动1/4圈
 - 全开到全闭均能密封严密
 - 阀杆顶端标有通气的全开和全闭
 - 具有双向密封性
- 坚固焊接结构
 - 防爆隔行设计
 - 改性PTFE密封
 - 可防止内部回流
 - 能安装在控制板上
- No pressure drop in flow.
 - Only turn 1/4 circle to make valve full open or full close.
 - Turning stop for full open or full close.
 - Full Open and Full Close mark on top of valve stem.
 - Two-direction flow is available.
 - CE Certification + ISO9001 + QS + 111.
- Arc-welded structure.
 - Explosion-proof valve stem design.
 - Modified PTFE sealing.
 - Inside liquid accumulation is avoided.
 - Could be mounted on the control panel.

技术参数 Technical Parameters

适用制冷剂 Applicable Refrigerant	HCFC or HFC (Customer choice)	• GBC型球阀包括2种规格：一种带充注检测口，一种不带充注检测口。 • Two types of Model GBC ball valve are available: one is equipped with the charging and inspection port, the other is not equipped with the charging and inspection port.
适用介质温度 Applicable Medium Temperature	-40℃ ~ +150℃	
最大工作压力 Max. Operating Pressure	4.0MPa	
最大测试压力 Max. Test Pressure	6.5MPa	
制冷剂年泄漏量 Yearly Leakage of Refrigerant	≤2g R22/a	

选型 Specification

型号 Model	规格 Size	口径 OD/mm	流量 (m³/h)	型号 Model	规格 Size	口径 OD/mm	Kv值 (m³/h)
GBC-65	1/4(Φ6)	Φ10	2	GBC-28	1-1/8(Φ28)	Φ25	52.0
GBC-105	3/8(Φ10)	Φ10	5.7	GBC-35	1-3/8(Φ35)	Φ31	80
GBC-125	1/2(Φ12)	Φ10	5.7	GBC-42	1-5/8(Φ42)	Φ37	121
GBC-10	3/8(Φ10)	Φ14	5.7	GBC-54	2-1/8(Φ54)	Φ50	200
GBC-12	1/2(Φ12)	Φ14	10.6	GBC-67	2-5/8(Φ67)	Φ50	200
GBC-16	5/8(Φ16)	Φ14	14.1	GBC-79	3-1/8(Φ79)	Φ50	200
GBC-19	3/4(Φ19)	Φ19	20.4	GBC-67A	2-5/8(Φ67)	Φ60.5	310
GBC-22	7/8(Φ22)	Φ19	28.2	GBC-79A	3-1/8(Φ79)	Φ73	700

- GBC型球阀是手动调节的截止阀, 适用于双向流动。
- GBC型球阀用于冷冻、冷藏和空气调节装置的液体、吸气和热气管路上。
- GBC型球阀的阀座与密封处具有很好的密封性。
- GBC型球阀为直通型, 可提供最大的流量, 同时该阀的工作温度范围宽。
- GBC型球阀配有一个带二次密封的密封帽, 又可以用金属线锁住来防止密封帽移除和丢失、以及维护保养时的误操作。

- Model GBC ball valve is a manually regulated shut-off valve, which is applicable to two-direction flow.
- Model GBC ball valve is used on the liquid, air suction and hot vapor piping of the freezer, cold store and air conditioning unit.
- The valve seat of Model GBC ball valve is well sealed with perfect sealing performance.
- Model GBC ball valve is a through-type ball valve with maximum flow rate and wide scope of operating temperature.
- Model GBC ball valve is equipped with a secondary sealing cap and the metal wire could be used to prevent the sealing cap from missing and avoid any mistake operation in maintenance.

Diaphragm Hand Valve

膜片式手阀

- 此手阀是一种手动膜片式截止阀, 适用于单向流动,
- 此手阀用于冷冻、冷藏和空气调节装置的液体, 吸气和热气管路上。
- 此手阀按接口方式分为两种: 一种是螺口连接 (SAE), 可提供螺口规格1/4SAE至3/4 SAE, 另一种是焊口连接 (ODF), 可提供接口尺寸1/4" 至7/8" .
- Model hand valve is a manually operated diaphragm stop valve for one-way flow control.
- Model hand valve is mounted on the liquid, air suction and hot air piping in the refrigeration, cold storage and air conditioner
- Two types of connection are available for model hand valve, that is, threaded connection



Specifications	喇叭口 Flare	焊接口 Welded	Kv(m³/h)
DS-SF-02	1/4 SAE	1/4 ODF	0.28
DS-SF-03	3/8 SAE	3/8 ODF	0.3
DS-SF-04	1/2 SAE	1/2 ODF	1.3
DS-SF-05	5/8 SAE	5/8 ODF	1.8
DS-SF-06	3/4 SAE	3/4 ODF	3.65
DS-SF-07		7/8 ODF	3.65

CUT-OFF VALVES FOR AIR CONDITIONERS

空调截止阀



ITEM#	Code	Connecting pipe specification	Thread specification
DS-5011	KF-02	1/4"	7/16"-20UNF
DS-5012	KF-02.5	5/16"	9/16"-18UNF
DS-5013	KF-03	3/8"	5/8"-18UNF
DS-5014	KF-04	1/2"	3/4"-16UNF
DS-5015	KF-05	5/8"	7/8"-14UNF
DS-5016	KF-06	3/4"	1-1/16"-14UNF
DS-5017	KF-07	7/8"	1-3/16"-12UNF

COMPACT BALL VALVES 1/4" FOR FULL FLOW

1/4" 小球阀

Now a smaller ball valve more compact – still features full flow. Plastic valve handle, add to hoses for charging and recovery.



ITEM#	Description	ITEM#	Description
DS-7011	1/4"SAE X 1/4" FEMALE	QX-7014	1/4"SAE X 1/4" FEMALE 45°
DS-7012	1/4"SAE X 5/16" FEMALE	QX-7015	1/4"SAE X 5/16" FEMALE 45°
DS-7013	1/4"SAE X 1/4" SAE		

ITEM#	colour	Description
DS-7016-R	Red	1/4"SAE X 5/16" FEMALE 13CM Hose
DS-7016-B	Blue	1/4"SAE X 5/16" FEMALE 13CM Hose
DS-7016-Y	Yellow	1/4"SAE X 1/4" FEMALE 13CM Hose

SAFETY VALVE

安全阀



ITEM#	Description
DS-1221	1/4"SAE X 1/4" FEMALE
DS-1222	1/4"SAE X 5/16" FEMALE

HYK 干燥过滤器 HYFilterCylinder

功能

在制冷循环系统中进入膨胀阀前的制冷剂必须于净和干燥,否则有脏物会造成膨胀阀堵塞,有水份会引起冰堵。在膨胀阀前安装液管用干燥过滤器,可以去除铁屑与焊渣等杂质,以及除去水份。

Function

The refrigerant must be clean and dry into the expansion valve in the refrigeration circulation system. If it is not, it will cause the expansion valve to be blocked, and the water will cause ice blockage. Before the expansion valve, install the liquid line filter-drier to remove the iron chip and welding spatter and other impurities and moisture.

HYK 颗粒状液管用干燥过滤器 HYK solid core liquid line filter driers

HYK系列干燥过滤器采用干燥、过滤组合设计,并以液体为介质,能在有效防止过滤物、可溶物进入制冷系统的关键部位,从而保证系统在最佳状态下进行。

The drier filters adopt a composition design of drying and filtration and take gas as medium, effectively preventing filtration and so-luble substances from entering the key parts of the refrigeration system, in order to secure operation under

特点

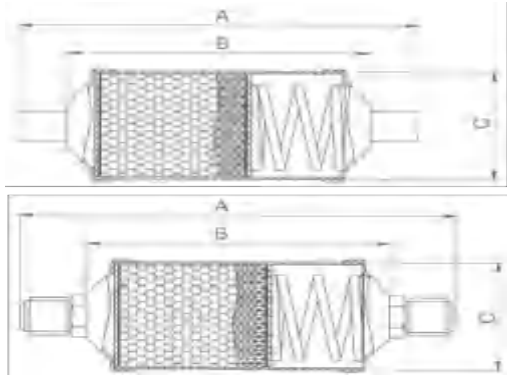
- 在出口端有20微米的压缩颗粒,具有最大的过滤面
- 适用于CFC, HCFC与HFC制冷剂
- 高吸水性及去除酸的能力
- 接口为螺口或焊口
- 耐腐蚀性的环氧树脂喷塑处理
- 抗振的钢铁管结构
- 最大工作压力42Bar

Main features

- 20 microns compacted bead at outlet from Maximum filtration
- To be applicable for CFC, HCFC and HFC refrigerant
- High moisture and acid removal capacity
- Flare or solder connector
- Connector resistant epoxy power finish
- Shock resistant steel shell construction
- Max. working pressure 42Bar

技术参数 Technical parameters

型号 TYPE	接口 (英寸) Connections (IN)		流体制冷量 (冷吨) Liquid flow capacity (TONS)						A (IN)	B (IN)	C (IN)
	焊口 ODF	螺口 SAE	R134a	R12	R22 R410a	R407C	R404a R507	R502			
HYK-032		1/4	1.61	2.09	2.21	2.12	1.45	1.45	4.38		1.63
HYK-032S	1/4		2.21	2.72	2.88	2.88	1.98	1.98	3.83	3.13	
HYK-033		3/8	2.51	3.01	3.32	3.22	2.22	2.12	4.67		
HYK-033S	3/8		2.51	3.01	3.32	3.22	2.22	2.12	4.06	3.18	2.5
HYK-052		1/4	1.72	2.12	2.32	2.22	1.52	1.52	4.81		
HYK-052S	1/4		2.72	3.32	3.62	3.52	2.42	2.31	4.44	3.69	
HYK-053		3/8	2.91	3.53	3.85	3.69	2.54	2.54	5.13		2.5
HYK-053S	3/8		3.62	4.41	4.78	4.68	3.23	3.13	4.5	3.36	
HYK-082		1/4	1.89	2.31	2.28	2.45	1.69	1.58	5.63		
HYK-082S	1/4		2.55	3.12	3.46	3.34	2.23	2.23	5.25	4.5	2.5
HYK-083		3/8	3.33	4.01	4.35	4.36	2.94	2.84	5.94		
HYK-083S	3/8		3.76	4.56	4.88	4.78	3.29	3.19	5.31	4.44	
HYK-084		1/2	5.56	6.75	7.32	7.13	4.96	4.76	6.19		2.5
HYK-084S	1/2		5.88	7.12	7.74	7.55	5.12	5.07	5.38	4.38	
HYK-162		1/4	1.98	2.36	2.57	2.44	1.72	1.63	6.56		
HYK-162S	1/4		2.55	3.12	3.45	3.32	2.19	2.19	6.19	5.25	2.5
HYK-163		3/8	3.19	3.88	4.25	4.11	2.78	2.71	6.88		
HYK-163S	3/8		3.61	4.41	4.79	4.77	3.16	3.13	6.25	5.38	
HYK-164		1/2	5.88	7.14	7.81	7.77	5.23	5.12	7.06		2.5
HYK-164S	1/2		7.1	8.5	9.22	9.01	6.21	6.02	6.31	5.31	
HYK-165		5/8	8.02	9.71	10.45	10.32	7.01	6.82	7.5		
HYK-165S	5/8		8.32	10.12	10.94	10.77	7.32	7.12	6.56	5.31	3.0
HYK-167S	7/8		12.78	15.56	16.87	16.54	11.26	10.92	7.13	5.63	
HYK-303		3/8	3.61	4.34	4.71	4.61	3.16	3.11	9.63		
HYK-303S	3/8		5.23	6.36	6.87	6.78	4.63	4.45	9	8.13	3.0
HYK-304		1/2	6.64	8.13	8.89	8.64	5.92	5.71	9.88		
HYK-304S	1/2		8.78	10.62	11.52	11.36	7.74	7.53	9.06	8.06	
HYK-305		5/8	8.78	10.69	11.56	11.35	7.74	7.54	10.31		3.5
HYK-305S	5/8		10.32	12.51	13.52	13.33	9.12	8.84	9.31	8.06	
HYK-306S	3/4		12.12	14.84	16.06	15.75	10.71	10.44	9.68	8.43	
HYK-307S	7/8		13.84	16.84	18.23	19.72	12.23	11.84	9.88	8.38	3.5
HYK-309S	1-1/8		16.12	19.63	21.25	20.84	14.21	13.84	10.12	8.5	
HYK-413		3/8	3.59	4.39	4.75	4.65	3.16	3.09	9.75		
HYK-414		1/2	8.55	10.41	11.32	11.15	7.51	7.31	10		3.5
HYK-414S	1/2		8.95	10.85	11.74	11.52	7.84	7.61	9.9	8.19	
HYK-415		5/8	9.95	12.06	13.05	12.84	8.74	8.54	10.44		
HYK-415S	5/8		13.98	17.02	18.41	18.18	12.3	12	9.44	8.19	3.5
HYK-417S	7/8		16.66	20.35	22.01	21.6	14.78	14.35	9.88	8.38	
HYK-419S	1-1/8		22.75	27.78	30.25	29.41	20.14	19.51	10.38	8.56	
HYK-757S	7/8		18.25	22.22	24.15	23.65	16.15	15.62	15.43	13.94	3.5
HYK-759S	1-1/8		26.8	32.87	35.41	34.84	23.7	23.01	15.75	13.63	



HY Drying filter cartridge

HY 型干燥过滤筒



应用

可换滤芯的过滤筒用于制冷、冷冻和空调系统的液管和吸气管路上,可有效去除系统内部的杂质、水分及酸性物质,从而使压缩机得到更好的保护,并延长其使用寿命。

主要特点

- 耐久的坚固钢壳, 坚固的铜接口或碳钢接口
- 带1/4" NPT 检修口
- 全开时通过的压降极低
- 防锈法兰板、专利设计的滤芯支架和镀锌弹簧便于滤芯更换耐腐蚀环氧树脂静电喷塑, 可在任何环境下使用
- 作为液管过滤筒时, 为有效过滤系统内杂质、吸收水分和酸性物质, 安装D-48/H-48 或 D-100/H-100 固体干燥滤芯
- 作为吸气管过滤筒时, 为有效过滤系统内杂质, 避免脏物进入压缩机, 安装X-48/X-100 纤维百褶滤芯或 F-48/F-100 不锈钢滤芯

技术参数

- 最大工作压力: 3.5Mpa (35Bar)
- 用户根据系统制冷量、制冷剂类型, 湿度或除酸性
- 选择过滤筒型号, 根据系统所需接口先选择过滤筒接口, 然后根据系统制冷量选择合适的尺寸型号

型号	接口尺寸 (in)	芯体数量	过滤面积 (cm²)	外形尺寸 (mm)				
				A	B	C	D	E
HY-485	5/8	1	420	233	152	78	114	151
HY-487	7/8			238	157	82		
HY-489	1-1/8			240	159	84		
HY-4811	1-3/8			243	162	87		
HY-4813	1-5/8			245	164	88		
HY-4817	2-1/8			251	170	92		
HY-4821	2-5/8			268	170	116		
HY-4824	3			266	168	116		
HY-4825	3-1/8			263	165	116		
HY-967	7/8			383	301	82		
HY-969	1-1/8	2	840	385	303	84		
HY-9611	1-3/8			388	306	87		
HY-9613	1-5/8			390	308	88		
HY-9617	2-1/8			396	314	92		
HY-9621	2-5/8			413	315	116		
HY-9624	3			411	313	116		
HY-9625	3-1/8			408	310	116		
HY-1449	1-1/8			521	438	84		
HY-14411	1-3/8			524	441	87		
HY-14413	1-5/8			526	443	88		
HY-14417	2-1/8	3	1260	532	449	92		
HY-14421	2-5/8			550	452	116		
HY-14424	3			548	450	116		
HY-14425	3-1/8			545	447	116		
HY-19211	1-3/8	4	1680	675	595	87		
HY-19213	1-5/8			677	597	88		
HY-19217	2-1/8			683	603	92		
HY-19221	2-5/8			700	602	116		
HY-19224	3			698	600	116		
HY-19225	3-1/8			695	694	116		

HYH 系列油分离器 HYH Air-Conditioning Oil Separator

应用:

用于低压油路控制系统, 适合HFC与HCFC 制冷剂 (R 134a,R 404A,R 507,R 407A,R 407C,R 22等);

适用于涡旋式压缩机与活塞式压缩机, 不推荐用于螺杆式压缩机或旋转叶片式压缩机

技术参数

- 介质温度: -40~+120 ° C
- 最大工作压力: 31 Bar
- 爆破压力: 190 Bar
- 储油量: 55833 → 559011/5301 → 5305600 毫升, 569011 → 569417/6303 → 63051000 毫升,
- 喷塑厚度: 50—80um

HYH-55、56 型油分离器

对于常规油分离器选型To select for conventional oil separator



型号 Model No.	接口尺寸 (英寸) Conn Size (inch)	尺寸 Dimensions (mm)				在下列蒸发温度时的名义制冷量 (Kw) Nominal capacity (Kw) at the following evaporating temperature °C								
						R22/R407C			R134a			R404A/R507		
		ΦD	H (mm)	H1 (mm)	A (mm)	-40C	-20C	5C	-40C	-20C	5C	-40C	-20C	5C
HYH-55813	3/8"	102	242	35	48	4.8	5.9	6.4	2.9	4.0	5.6	4.8	5.7	6.3
HYH-55824	1/2"	102	242	35	48	5.3	6.2	7.0	3.2	4.5	6.2	5.3	6.2	7.0
HYH-55855	5/8"	102	336	37	48	15.8	17.5	19.3	11.4	13.4	15.8	14.4	16.4	19.3
HYH-55866	3/4"	102	336	37	48	24.6	26.2	28.1	16.7	19.3	22.4	22.8	25.2	28.8
HYH-55877	7/8"	102	418	39	48	24.6	26.2	28.1	16.7	19.3	22.4	22.8	25.2	28.8
HYH-55888	1"	102	448	45	48	31.7	34.3	37.0	22.4	26.3	29.9	30.0	33.4	37.4
HYH-55889	1-1/8"	102	448	45	48	31.	34.3	37.0	22.4	26.3	29.9	30.0	33.4	37.4
HYH-559011	1-3/8"	102	473	45	48	40.4	43.6	47.5	28.1	33.6	40.4	36.7	43.3	49.0
HYH-569011	1-3/8"	159	350	43	70	45	47.4	49.2	33.4	40.4	48.4	41.0	45.2	50.8
HYH-569213	1-5/8"	159	428	48	70	56.3	58.9	63.3	41.3	48.4	56.3	51.0	57.3	65.1
HYH-569417	2-1/8"	159	490	52	70	91.4	102.3	105.5	63.3	74.8	88.8	88.5	98.4	108.6

1/44-1N-1 BALL VALVE TOOL FOR VACUUM, CHARGE, CORES AND RECOVERY

1. Vacuum valve Extra 1/4 side port on VC12 to attach electronic micron vacuum gauge right at system for greater accuracy
2. Core removal access. Lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum
3. Core replacement.
4. Recovery valve Core removal allows recovery unit to work at maximum efficiency speeding the recovery process.



ITEM	Description
VC12	Vacuum/charge ball valve w/side port
VC13	Vacuum/charge valve w/o side port
VC15	Broken Schrader remover acc.

TYPE HMG HIGH PRESSURE HOSE AND FITTINGS HMG型高压毛细软管、接头类

- 采用优质尼龙、聚酯材料制作,产品耐高压、耐高温、耐老化性能强,内壁光滑,介质流阻小。
- 代替铜管焊接不牢固,容易振动失漏,无法维修,噪音大等缺点,而且节省系统连接时间,长度任意取舍,技术可靠性大大提高。
- 适用制冷剂HCFC和HFC。
- 适用介质温度:-40℃~+100℃
- Made of high quality nylon and polyester High pressure resistance, high temperature resistance and high ageing resistance. Small flow resistance due to its smooth internal wall.
- Eliminate the shortcomings of copper tube such as soldering failure, leakage, noise and difficult service. Selectable length at ease and short the connection operation time, improve the technical reliability obviously
- Applicable Refrigerants: HCFC and HFC
- Applicable Medium Temperature:-40℃~+100℃



R12,R22 & R502 STANDARD CHARGING HOSE

R12,R22 & R502 标准加液管



ITEM#	Model	Description
DS-6136	CT-336-RYB	3pcs 36"(90cm)red, yellow & blue hoses sets
DS-6160	CT-360-RYB	3pcs 60"(150cm)red, yellow & blue hoses sets
DS-6172	CT-372-RYB	3pcs 72"(180cm)red, yellow & blue hoses sets

最大的工作压力为500PSI, 最大爆破压力为2500PSI。1/4" SAE的接头, 该优质管能确保长时间的工作寿命。
Working pressure 500PSI Burst 2500 PSI. Designed to meet 1/4"SAE requirement for refrigerant permutationand assure long work life.

R134 PREMIUM CHARGING HOSE WITH 1/4"SAE FITTINGS

R134 优质胶管1/4"SAE



ITEM#	Model	Description
DS-6236	CT-336-RYB	3pcs 36"(90cm)red, yellow & blue hoses sets
DS-6260	CT-360-RYB	3pcs 60"(150cm)red, yellow & blue hoses sets
DS-6272	CT-372-RYB	3pcs 72"(180cm)red, yellow & blue hoses sets

最大的工作压力为600PSI, 最大爆破压力为3000PSI。1/4" SAE的接头, 该优质管能确保长时间的工作寿命。
Working pressure 600PSI Burst 3000 PSI. Designed to meet 1/4"SAE requirement for refrigerant permutationand assure long work life.

R410 HIGH PRESSURE CHARGING HOSE

R410 高压胶管5/16"SAE



ITEM#	Model	Description
DS-6336	CT-336-RYB	3pcs 36"(90cm)red, yellow & blue hoses sets
DS-6360	CT-360-RYB	3pcs 60"(150cm)red, yellow & blue hoses sets
DS-6372	CT-372-RYB	3pcs 72"(180cm)red, yellow & blue hoses sets

特殊材质能够耐高压的胶管。最大的工作压力为800PSI, 最大爆破压力为4000PSI。所有胶管可提供1/4" SAE、5/16" SAE的接头。
Special material high pressure charging hose. Working pressure 800PSI Burst 4000 PSI. All the hoses with 1/4"SAE 5/16"SAE connections can be delivered.

R1234YF HIGH PRESSURE CHARGING HOSE

R1234YF 高压胶管



ITEM#	Model	Description
DS-6436	CT-336-RYB	3pcs 36"(90cm)red, yellow & blue hoses sets
DS-6460	CT-360-RYB	3pcs 60"(150cm)red, yellow & blue hoses sets
DS-6472	CT-372-RYB	3pcs 72"(180cm)red, yellow & blue hoses sets

特殊材质能够耐高压的胶管。最大的工作压力为800PSI，最大爆破压力为4000PSI。
Special material high pressure charging hose. Working pressure 800PSI Burst 4000 PSI.

1/4"STANDARD CHARGING HOSE WITH 45° BENDER

BALL VALVE FOR R134 & R410

优质45°弯头球阀胶管



ITEM#	Connection	Length
DS-6536	1/4"x1/4"	36"(90cm)
DS-6560	1/4"x1/4"	60"(150cm)
DS-6572	1/4"x1/4"	72"(180cm)

1/4"PREMIUM CHARGING HOSE WITH 45° BENDER BALL VALVE FOR R410A
高压45° 弯头球阀胶管

ITEM#	Connection	Length
DS-6636	1/4"x5/16"	36"(90cm)
DS-6660	1/4"x5/16"	60"(150cm)
DS-6672	1/4"x5/16"	72"(180cm)

FIN COMB

翅片梳

翅片矫正机尺寸标注在头部 - 8, 9, 10, 12, 和15片perinch i4。紧凑的长度。

Fin straightener sizes are marked on head - 8, 9, 10, 12, i4, and 15 fins perinch. Compact length.

ITEM#	Name	Postscript
DS-1601	翅片梳	



CT-340 CAN TAP VALVE 开启阀



DS-8001

CT-338 CAN TAP VALVE 开启阀



DS-8002

CT-339 CAN TAP VALVE 开启阀



DS-8003

CT-337C CANTAP VALVE 开启阀



DS-8004

NEEDLE VALVE 针刺阀

For 1/4", 5/16", 3/8" tubing



DS-8005

BOUTIQUE OPENING VALVE 精品开启阀



DS-8006

CT-341 CAN TAP VALVE 开启阀



DS-8007

CT-341A CANTAP VALVE 开启阀



DS-8008

CT-337B CANTAP VALVE 开启阀



DS-8009

CT-337A CANTAP VALVE 开启阀



DS-8010

DS-W02 快接



DS-8011

CT-YF1234 开启阀



DS-8012

R-134A SNAP COUPLERS 1/4"SAE

R-134a 快速连接器1/4"SAE



ITEM#	Model	Description
DS-9011	QC-12L	Lo side coupler w/1/4"Flare
DS-9012	QC-12H	Hi side coupler w/1/4"Flare
DS-9013	QC-12LA	Lo side coupler w/1/4"Flare
DS-9014	QC-12HA	Hi side coupler w/1/4"Flare
DS-9015	QC-12LU	Lo side coupler w/1/2"ACME
DS-9016	QC-12HU	Hi side coupler w/1/2"ACME

R-134A SNAP COUPLERS 1/4"SAE 90°

R-134a 快速连接器 1/4"SAE 90°

A basic R-134a service coupler with no control valve. Snaps on for instant flow professionals should use couplers above.

用于R-134a快速连接器。

ITEM#	Model	Description
DS-9021	QC-15L	Lo side coupler w/1/4"Flare
DS-9022	QC-15H	Hi side coupler w/1/4"Flare



R-134A SNAP COUPLERS 14MM

R-134a 快速连接器

The snap style is designed for mechanics just starting A/C repair.
卡扣式设计用于空调制冷维修的工具。

ITEM#	Model	Description
DS-9031	QC-16L	Lo side coupler w/1/4" Flare
DS-9032	QC-16H	Hi side coupler w/1/4" Flare



AUTOMOTIVE R-134A A/C COUPLERS - PREMIUM WITH CONTROL VALVE

R-134a 汽车空调系统控制阀

用于R-134a的连接端口。14mm内螺纹或1/4" 外螺纹可用。

Couplers interface with R-134a service ports. 14mm female thread or 1/4" male flare available.

- 快速，容易连接/断开。
- 控制阀，即使在工作压力下进入系统。

- Quick, easy connect/disconnect.
- Control valve for access to systems even at working pressures.



ITEM#	Model	Description
DS-9041	QC-ML	14mmFe,90° Low side auto coupler
DS-9042	QC-MH	14mmFe,90° High side auto coupler
DS-9043	QC-MAL	14mmFe,90° Low side auto coupler
DS-9044	QC-MAH	14mmFe,90° High side auto coupler
DS-9045	QC-18L	1/4M.FI,90° Low side auto coupler
DS-9046	QC-18H	1/4M.FI,90° High side auto coupler

AUTOMOTIVE R1234 A/C COUPLERS - PREMIUM WITH CONTROL VALVE

R1234 汽车空调系统控制阀

Couplers interface with R1234 service ports.
male flare available.

- 快速，容易连接/断开。
- 控制阀，即使在工作压力下进入系统。

- Quick, easy connect/disconnect.
- Control valve for access to systems even at working pressures.



ITEM#	Model	Description
GB-9051	QC-1234YFL	12mmFe,90° Low side auto coupler
GB-9052	QC-1234YFH	12mmFe,90° High side auto coupler

AUTOMOTIVE R744 A/C COUPLERS - PREMIUM WITH CONTROL VALVE

R744汽车空调系统控制阀

Couplers interface with R744 service ports. 1/4" male flare available.

- 快速，容易连接/断开。
- 控制阀，即使在工作压力下进入系统。
- 具有泄压功能。

- Quickeasy connect/disc onnect.
- Control valve for access to systemseven at working pressures.
- It has the function of relieving pressure.



ITEM	Model	Description
GB-7441	LP-R744	Low side auto coupler
GB-7442	HP-R744	High side auto coupler

INJECTION SYSTEMS

注射器



Treats up to 175 lbs./79.38kg of refrigerant (one turn=71bs./3.2kg of refrigerant (Automotive Dye Stick w/R-134a coupler)
LXC K4-A/C&R Dye ,Stick with 1/4" hose(no coupler)

ITEM#	Description
DS-1101	Injector which the ball valve is connected
DS-1102	Injector which the ball valve is connect the quick coupler

DYE AND OIL INJECTORS

喷油器



商品编号 ITEM#	描述 Description
DS-1103	1/2 ACME-M 1/2ACME-F(R134a)
DS-1104	1/4" SAE F X 1/4"SAE M

AUTOMOTIVE R-134A AND R-12 CAN TAPS

R-134A与R-12汽车加液器接头



DS-1201

完整的套件包括：R-134a 可用于 R-134a高压软管与快速接头。
Complete kit includes: R-134a cantap valve R-134a high pressure hose with quick connect fittings.



DS-1202

完整的套件包括：R-134a 可用于 R-134a高压软管与快速接头/
压力表在软管中间。
Complete kit includes: R-134a cantap valve R-134a high pressure
hose with quick connect fittings/pressure gauge in the middle of
the hose.



REPAIR KIT

工具箱



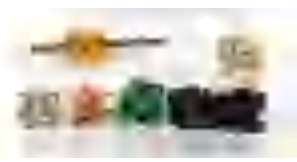
DS236



D237



DS237



DS238

O TYPE SEAL RING O 型密封圈



DS-1501-240 DS-1502-265

PULLING RING 拉环



DS-1401

FUELINE DISCONNECT 冷气管拆卸器



DS-1304

AUTOMOTIVE R-134A VACUUM/CHARGE RECOVER CORE TOOL

R-134a 气门芯工具

1. 抽真空或充液。使得抽真空或充液不受阻挡，用于提高速度和更高的真空度。

1. Core removal for vacuum and charges. Lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum.

2. 核置换。

2. Core replacement.



ITEM#	Model	Description
DS-1001	CT-206H	High-side R-134a auto valve core tool
DS-1002	CT-206L	Low-side R-134a auto valve core tool
DS-1003	CT-206HA	High-side R-134a auto valve core tool with charging function
DS-1004	CT-206LA	Low-side R-134a auto valve core tool with charging function

AUTO A/C SWIVEL ADAPTERS KIT INCLUDE

空调适配器套装

Auto charging adapters & hoses kie complete kit blister packing on a card.

1/4"Mx1/4"F.1/4"Mx3/16"F

1/4"Mx1/8"Adapter

Eibow for 3/8"F-1/4"M.

Hose/B: 1/4"Mx3/16"F

Hose/B: 1/4"Mx1/8"F



DS-CH-138

ACCESS VALVECORE

阀芯

Code: Yc01 Teflon valve core

Material: BRASS/TEFLON

For auto, commercial & domestic AC charging usage.

Meet SAE & UL standard.



DS-3401

SPRING BENDER 1/4" TO 7/8"

弹簧弯管器1/4"至7/8"

特别设计的宽松的弹簧弯管机滑软铜和铝弯曲以防止管塌陷在油管。

• 镀银色处理。

Specially designed LAX spring benders slip over soft copper and

aluminum tubing during bending to help prevent tube collapse.

• Silver plated treatment.



ITEM#	Outer spring	ITEM#	Inner spring
DS-1701	1/4"	DS-1711	3/8"
DS-1702	3/8"	DS-1712	1/2"
DS-1703	1/2"	DS-1713	5/8"
DS-1704	5/8"	DS-1714	3/4"
DS-1705	3/4"		



SPECIAL JOINT

用于海鲜机钛泡上的加厚型专用接头



商品编号 ITEM#	商品名称 Name	规格 Specifications
DS-1801	双接	1/2"
DS-1802	双接	3/4"
DS-1803	弯头	1/2"
DS-1804	弯头	3/4"
DS-1805	单接	1"
DS-1806	气门芯接头	1/2"
DS-1807	气门芯接头	3/4"
DS-1808	垫片	1/2"
DS-1809	垫片	3/4"

SWITCH CONNECTOR

转换接头

Liquid charging is recommended when charging blends into refrigeration and air conditioning systems. Since compressors cannot compress liquids you need a liquid charger adapter for Safe and fast liquid (saturated vapor) charging through the low pressure side of a system. The LAX adapter connects the cylinder valve or refrigerant can.

- To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity.
- Refrigerant flashes off into a saturated vapor to speed entry.
- Eliminates the time and work of heating cylinders.
- Blue color-coded aluminum.

ITEM#	Name	Description
DS-1901	410转换接头	1/4" liquid charging adapter
DS-1902	410转换接头	5/16" liquid charging adapter
DS-1903	410转换接头	Repl. "O"-ring/orifice for 1/4" adapter
DS-1904	410转换接头	Repl. "O"-ring/orifice for 5/16" adapter

STEP DOWN ACCESS VALVE UNION

加液阀

1/8" ID & 3/16", 1/4", 5/16", 3/8", 1/2", steps
1/8" NPT to 3/16", 1/4", 5/16", steps & 1/8" hole
1/8" ID & 3/16", 1/4", 5/16" steps
3/16" OD tube or 1/4", 3/8", solder
With or without Cap Core Remover



TRANSFER JOINT

转换接头带顶针

1/4" Female x 5/16" male



ACCESS VALVE UNION

加液阀

1/8" NPT / 5/16" OD solder
1/4" NPT / 5/16" OD solder



STANDARD UNION WITH NUTS

标准双接头

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



CAPILLARY GROUP

毛细管组

QX-2601:50CM
QX-2602:90CM
QX-2603:150CM



FORGING NUTS

锻压螺母

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



BRASS ADAPTER

转接头

Flare x NPT
1/4" x 1/8", 1/8" x 1/4"



BRASS FITTINGS

黄铜管件

In. to Out.Union
1/4"x1/8", 1/4"x1/4", 1/4"x3/8" 1/4"x1/2", 3/8"x1/8", 3/8"x1/4"
3/8"x3/8", 3/8"x1/2", 1/2"x1/4" 1/2"x3/8", 1/2"x1/2", 1/2"x3/4"
5/8"x3/8", 5/8"x1/2", 5/8"x3/4" 3/4"x3/8", 3/4"x1/2", 3/4"x3/4"



DS-2901

BRASS FITTINGS

双接头系列

1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
Reducing Flare Union
1/4"x5/16", 1/4"x3/8", 5/16"x3/8", 1/4"x1/2",
1/4"x1/2", 3/8"x1/2", 3/8"x1/2", 3/8"x5/8",
1/2"x5/8", 1/2"x3/4", 5/8"x3/4"



DS-3001

IN.FLARE UNION

内丝接头

1/4"x1/4", 1/4"x3/8", 3/8"x3/8", 1/4"x1/2", 3/8"x1/2",
1/2"x1/2", 3/8"x5/8", 1/2"x5/8", 5/8"x5/8", 1/2"x3/4",
5/8"x3/4", 3/4"x3/4"



DS-3101

REDUCING UNION

异径直接

Flare x NPT
1/4"x1/8", 1/4"x1/4", 1/4"x3/8", 1/4"x1/2", 5/16"x1/8", 5/16"x1/4", 5/16"x3/8", 5/16"x1/2",
3/8"x1/8", 3/8"x1/4", 5/8"x3/8", 3/4"x1/2", 3/4"x3/4", 3/4"x1"



DS-3201

SOLDER UNION

焊接直径

Flare x S
1/4"x1/4", 1/4"x3/8", 5/16"x5/16", 3/8"x3/8", 3/8"x1/2", 3/8"x5/8",
1/2"x1/2", 1/2"x5/8", 5/8"x1/2", 5/8"x5/8", 5/8"x3/4", 3/4"x3/4"



DS-3301

Single tube connection

单接带管

Flarexs
1/4"x1/4", 1/4"x3/8", 5/16"x5/16", 3/8"x3/8", 3/8"x1/2", 3/8"x5/8"
1/2"x1/2", 1/2"x5/8", 5/8"x1/2", 5/8"x5/8", 5/8"x3/4", 3/4"x3/4"

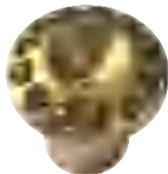


DS-3301

FB Liquid Distributor

分液头

Flarexs
1/6"x6.35*3 1/6"x6.35*4 1/6"x6.35*5 1/6"x6.35*6 1/6"x6.35*7
1/6"x6.35*8 1/6"x6.35*9 1/6"x6.35*10 1/6"x6.35*11 1/6"x6.35*12



DS-4401

Polyethylene (PE) Insulated Doudle Coil

空调连接管

PairCoil DescriptionCopper Tube OutsideDiameter xBall Thickness (mm)	Insulating Thickness (mm)	R-Value	PairCoil's Per Carrot	Carton Dimensions	
				(20m)	(30m)
6.35x0.80-9.53x0.80	8	0.26	1	57x57x18	67x67x17
6.35x0.80-12.70x0.80	8	0.26	1	61x61x19	69x69x18
6.35x0.80-15.88x1.00	8	0.26	1	72x72x20	83x83x22
9.53x0.80-12.70x0.80	8	0.26	1	61x61x19	72x72x19
9.53x0.80-15.88x1.00	8	0.26	1	72x72x20	83x83x22
9.53x0.80-19.05x1.00	8	0.26	1	75x75x22	87x87x22
12.70x0.80-19.05x1.00	8	0.26	1	75x75x22	87x87x22



DS-4402

CHARGING VALVE

充注阀

- 充注阀是一种带气门芯的单向检修用阀。
- 充注阀用于冷冻、冷藏和空气调节装置的各个部位。
- The charging valve is an one-way service valve with valve inside.
- The charging valve is used on the freezer, cold store and air conditioning unit.

特点 Features

- 采用进口气门芯，性能可靠。
- 双重密封确保无泄漏。
- 可提供各种长度和硬度的铜接管。
- 侧帽罩花设计，装卸方便。
- Equipped with imported valve inside of reliable performance.
- Double sealing ensure leak-tight.
- Copper tube of various lengths and hardness are available.
- Valve bonnet is knurled for easy handling.

技术参数 Technical Parameters

适用制冷剂 Applicable Refrigerant	HCFC and HFC
适用介质温度 Applicable Medium Temperature	-25℃~+120℃
最大工作压力 Max. Operating Pressure	3.0MPa
最大耐压压力 Max. Allowable Pressure	4.5MPa

外型结构 Structure



1. 侧帽 Valve bonnet 2. O-Ring 3. 气门芯 Valve inside 4. 阀体 Valve body 5. 铜接管 Copper tube

选型尺寸 Specification

型号 Type	接口 Connection	规格 Size	外形尺寸 Overall Dimension					六角 Hexagonal S	螺纹 Thread M	重量 Weight(g)
			A	B	ΦD	H	L			
A 型 Type A	1/4 SAE	1/8	60	14	3.17	—	94	11	7/16-20UNF	22
		3/16	—	14	4.76	—	—	—	—	23
		1/4	90	—	6.35	124	—	—	—	28
B 型 Type B	1/4 SAE	1/8	—	14	—	—	—	12	7/16-20UNF	30
		1/4	—	14	6.35	118	—	14	1/2-20UNF	39
		1/4 ACME	—	16	—	—	—	—	1/2-16ACME	40

HY 型铜过滤器 HY Copper Fiter Dry

技术参数 Technical parameters

铜管壁厚/厚度 Tube Dia. Thickness mm/mm	分子筛 Molecular sieve	过滤器组件 Filter Screen Assembly	进口内径 Inlet	出口内径 outlet ID	备注 Remarks
Φ14.5x2.5x6.5x10	HY-58 克 HY-58gram	150-180目黄铜网 150-180 mesh brass	Φ4.9+0.1 Φ4.9+0.1	Φ1.95+0.1	R12
Φ19x2.5x6.5x110	HY-910 克 HY-910gram	200目磷铜网 200mesh phosphorouscopper	双孔Double Holes Φ4.9+0.15 Φ6.1+0.15	Φ2.1+0.1	R600a R134a
Φ19x2.5x6.5x130	HY-512 克 HY-512gram	200目磷铜网 200mesh phosphorouscopper	双孔Double Holes Φ4.2+0.1 Φ6.2+0.1	Φ2.0+0	R12a R600a
Φ16x2.5x6.5x130	HY-910 克 HY-910gram	150-180目黄铜网 150-180 mesh brass	Φ4.8+0.1	Φ1.95+0.1	R134a
Φ19x0.5x120	HY-912 克 HY-912gram	150-180目黄铜网 150-180 mesh brass	双孔Double Holes Φ4.2+0.1 Φ6.5+0.1	Φ2.0+	R134a R600a
Φ19x0.5x100	HY-98 克 HY-98gram	200目磷铜网 200mesh phosphorouscopper	双孔Double Holes Φ4.2+0.1 Φ4.9+0.1	Φ1.95+0.1	R600a R134a
Φ48x10.2x10.2x120	HY-911 克 HY-911gram	100目不锈钢 100mesh stainless steel		Φ2.4+1	R600a R134a
Φ38x6.5x6.5x95	HY-940 克 HY-940gram	150目不锈钢 150mesh stainless steel	Φ6.2+0.1	Φ3.3+01	R134a
Φ30x8.2x3.2x130	HY-1132 克 HY-1132gram	100目不锈钢 100mesh stainless steel	Φ6.5+0.1	Φ6.5+0.1	R407c
Φ24x6.2x3.2x130	HY-1125 克 HY-1125gram	150-180目黄铜网 150-180 mesh brass	双孔Double Holes Φ6.2+0.1 Φ6.2+0.	Φ2.7+01	R410a R407c
特殊产品 Special product	双尾焊管 Double welding pipes 侧面焊管 90° Outletweldingcurveppip 出口弯管 Outletweldingcurvepipe	Φ16x0.5x130 Φ4.75x0.7x30 Φ16x0.5x125 Φ6x0.7x100 Φ16x0.5x130			
包装方式 Pack method	内包装为单支真空装，或真空包装、铁桶密封包装按用户要求，外包装为纸箱包装。 Inner packing be single or vacuum packing, sealed tin packing or according to the user's requirement.				

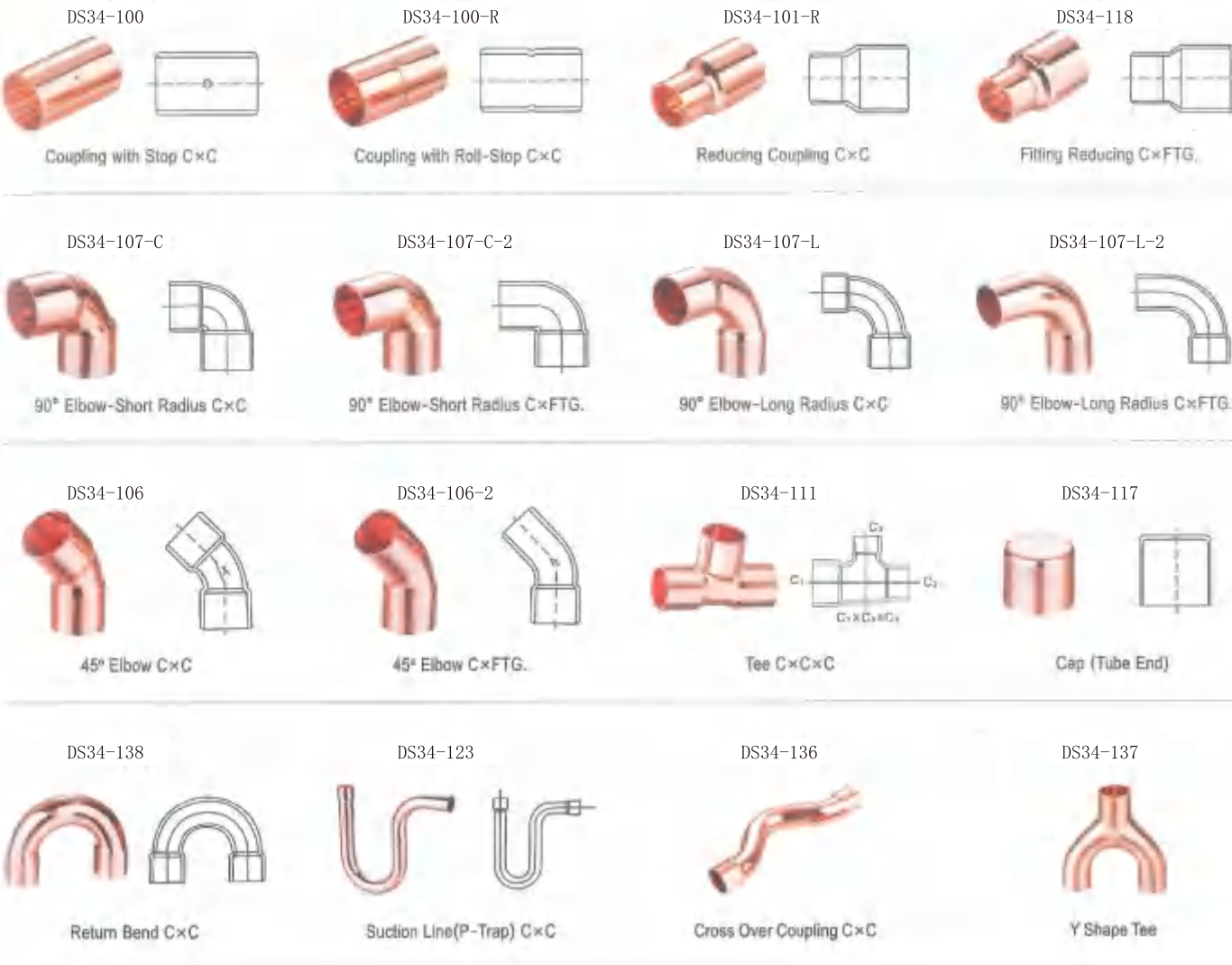


Copper Fitting

The copper fittings have covered ASME B16.22, EN1254-1 & ASTM B88L standards.

The ASME B 16.22 standard ranges from 1/4" to 10-1/8", EN1254-1/BS864-2 standard ranges from 6mm to 219mm.

Products approved by UPC, NSF61, WRAS, ROHS.



Distribute Tube for Dakin Central Air-conditioner

Part No.		A	B	C
11T	gas tube	19.05/15.88	15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
18T	gas tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
22T	gas tube	19.05/15.88/12.7	15.88/12.7	15.88/12.7
	liquid tube	9.52	9.52/6.35	9.52/6.35
33T	gas tube	19.05/22.22	19.05/15.88	15.88/12.7
	liquid tube	12.7/9.52	9.52/6.35	9.52/6.35
37T	gas tube	25.4/28.58/31.8	25.4/19.05/15.88	19.05/15.88/12.7
	liquid tube	12.7/15.88	12.7/9.52	12.7/9.52/6.35
40T	gas tube	31.8/38.1	31.8/28.58/25.4	25.4/19.05/15.88
	liquid tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7/9.52
72T	gas tube	25.4/28.58/31.8	25.4/19.05/15.88	19.05/15.88/12.7
	liquid tube	12.7/15.88	12.7/9.52	12.7/9.52/6.35
73T	gas tube	31.8/38.1	31.8/28.58/25.4	25.4/19.05/15.88
	liquid tube	19.05/15.88	19.05/15.88/12.7	15.88/12.7/9.52



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