Common Version Heat Exchanger

Advantages and characteristics

- Use 19mm finned copper tubes for heat exchange.
- Safe and antifreeze.
- The heating and cooling capacity is balanced.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Cooling capacity kw	Water flow m^3/h	Height mm
GAH01-CMF/GBH01-CMF	3.5	2.5	2.5	0.6	251
GAH02-CMF/GBH02-CMF	5	3.5	3.5	0.86	291
GAH03-CMF/GBH03-CMF	7	5	5	1.2	361
GAH04-CMF/GBH04-CMF	10	7.5	7.5	1.72	421
GAH05-CMF/GBH05-CMF	13	9.5	9.5	2.24	338
GAH06-CMF/GBH06-CMF	16	12	12	2.75	383
GAH07-CMF/GBH07-CMF	18	14	14	3.5	426
GAH08-CMF/GBH08-CMF	22	16	16	3.7	470
GAL10-CMF/GBL10-CMF	33	23	23	5.7	497
GAL12-CMF/GBL12-CMF	38	28	28	6.5	537
GAS15-CMF/GBS15-CMF	45	35	35	7.8	615

Heating 1: DB 7 °C, WB 6°C, Inlet water 40°C, Outlet water 45°C
Heating 2: DB -12°C, Outlet water 41°C
Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

R Series Heat Exchanger

Advantages and characteristics

- Use 19mm finned copper tubes for heat exchange.
- Low cost.
- Compact volume.
- Flow around structure, extreme heating efficient.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Cooling capacity kw	Water flow m^3/h	Height mm
RAH02-CMF/RBH02-CMF	5	3.5	3	0.86	251
RAH03-CMF/RBH03-CMF	7	5	4	1.2	291
RAH04-CMF/RBH04-CMF	10	7.5	6.5	1.72	361
RAH05-CMF/RBH05-CMF	13	9.5	8.5	2.24	421
RAH06-CMF/RBH06-CMF	16	12	11	2.75	338
RAH07-CMF/RBH07-CMF	18	14	13	3.27	383
RAH08-CMF/RBH08-CMF	22	16	14	3.78	440
RAK05-CMF/RBK05-CMF	13	9.5	8.5	2.24	415
RAK06-CMF/RBK06-CMF	16	12	10	2.75	463

Heating 1: DB 7 °C, WB 6°C, Inlet water 40°C, Outlet water 45°C
Heating 2: DB -12°C, Outlet water 41°C
Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

Multi-tube Heat Exchanger

Advantages and characteristics

- Use 16mm finned copper tubes for heat exchange.
- Small water resistance.
- Low cost.
- Compact volume.
- Extreme cooling efficient.
- High heat exchange efficiency.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Cooling capacity kw	Water flow m^3/h	Height mm
GAD01-CMF/GBD01-CMF	3	2	2	0.52	281
GAD1.5-CMF/GBD1.5-CMF	4.5	3	3	0.77	311
GAD03-CMF/GBD03-CMF	9	7.5	7.5	1.55	314
GAD04-CMF/GBD04-CMF	14	9.5	9.5	2.4	362
GAD05-CMF/GBD05-CMF	15.5	10.5	10.5	2.67	398
GAD06-CMF/GBD06-CMF	17	14	14.5	2.75	348
GAD07-CMF/GBD07-CMF	20	16.5	16.5	3.45	393
GAD08-CMF/GBD08-CMF	25	19	18.5	4.3	436
GAD10-CMF/GBD10-CMF	30	24	24	5.15	480
GAD12-CMF/GDL12-CMF	38	30	30	6.5	538

Heating 1: DB 7 °C, WB 6°C, Inlet water 40°C, Outlet water 45°C
Heating 2: DB -12°C, Outlet water 41°C
Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

Large Heating Capacity Multi-tube Heat Exchanger

Advantages and characteristics

- Use 22mm finned copper tubes for heat exchange.
- Small water resistance.
- Low cost.
- Compact volume.
- Extreme cooling efficient.
- High heat exchange efficiency.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Cooling capacity kw	Water flow m^3/h	Height mm
GAK12-CMF-4	30	24	24	6.5	436
GAK15-CMF-4	40	32	30	7.8	456
GAK18-CMF-4	50	38	38	8.6	586
GAK25-CMF-4	85	70	70	14.5	586
GAK30-CMF-4	100	85	80	17	646

Heating 1: DB 7 °C, WB 6°C, Inlet water 40°C, Outlet water 45°C
Heating 2: DB -12°C, Outlet water 41°C
Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

Enthalpy-adding Heat Exchanger

Advantages and characteristics

- Integrated economizer and liquid receiver, reduces the equipment cost.
- Save device space.
- The heat exchange efficiency at low temperature is significantly improved.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Cooling capacity kw	Water flow m^3/h	Height mm
RAK05-CMF-Z	16	12	8.5	2.24	525
RAK06-CMF-Z	18	14	10	2.75	573

Heating 1: DB 7 °C, WB 6°C, Inlet water 40°C, Outlet water 45°C
Heating 2: DB -12°C, Outlet water 41°C
Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

Double Wall Tube Heat Exchanger

Advantages and characteristics

- Use double wall copper tube.
- High safety, anti-leakage and anti-channeling fluid.

Technical data

Model	Heating capacity 1 kw	Water flow m^3/h	Height mm
RAH02-QF	2.5	1.2	251
RAH03-QF	3.5	1.7	291
RAH04-QF	5	2	361
RAH05-QF	9	4	338
RAH06-QF	11	4.4	383

Heating 1: DB 20°C, WB 15°C, Inlet water 50°C, Outlet water 55°C

Common Version Titanium Heat Exchanger

Advantages and characteristics

- High safety and corrosion resistance.
- Light weight.
- Small water resistance.

Technical data

Model	Heating capacity 1 kw	Water flow m^3/h	Height mm
MHTA-0.75	2.6	1	465
MHTA-1	3.5	1.5	465
MHTA-1.5	5	2.2	455
MHTA-2	7	3	450
MHTA-3	10.5	4.5	478
MHTA-5	17	7.5	640
MHTA-7	23	10.5	560
MHTA-10	33	15	585
MHTA-12	39	18	615
MHTA-15	47	22.5	695

Heating: DB 24 °C, WB 19°C, Inlet water 26°C, Outlet water 28°C

Titanium Evaporator

Advantages and characteristics

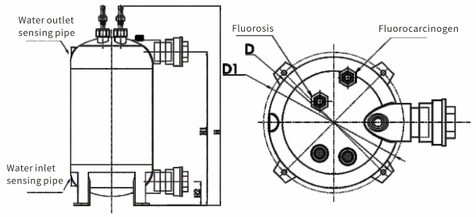
- With pure titanium smooth tube, the cooling capacity is superior.
- High safety and corrosion resistance.
- Light weight.
- Small water resistance.

Technical data

Model	Heating capacity 1 kw	Water flow m^3/h	Height mm
ETA-0.5	1.3	0.4	370
ETA-0.75	1.9	0.5	370
ETA-1	2.5	0.7	420
ETA-1.5	3.75	1	530
ETA-2	5	1.5	395
ETA-3	7.5	2	480
ETA-4	10	2.8	580
ETA-5	12.5	3.5	460
ETA-7.5	18.5	5	710

Cooling: DB 35 °C, WB 24°C, Inlet water 12°C, Outlet water 7°C

PPR Titanium Heat Exchanger



Advantages and characteristics

- Designed for operating temperature up to 70°C.
- Highly resistant to acid and alkali corrosion.
- Capable of operating under extremely high temperature condition.

Technical data

Model	Heating capacity 1 kw	Heating capacity 2 kw	Water flow m^3/h	Height mm
HTS-1	14	7	3	590
HTS-1.5	17	8.5	3.5	640
HTS-2	21	10.5	4.5	680
HTS-3	28	14	6	812
HTS-5	33	15.5	7	785
HTS-7	35	17	7.5	665
HTS-10	40	20	8.5	665

Heating 1: DB 24 °C, WB 19°C, Inlet water 26°C, Outlet water 28°C
Heating 2: DB 20 °C, WB 15°C, Inlet water 45°C, Outlet water 50°C

Coaxial Heat Exchangers

Innovative & Amazing Products

Titanium tube in titanium tube

Copper tube in copper tube

Titanium tube in PVC tube

Copper tube in steel tube

Titanium tube in steel tube

Titanium thread tube in stainless steel tube

Coaxial Heat Exchanger Introduction

Product introduction

The coaxial heat exchanger is composed of concentric inner tubes and outer tubes The cold and hot fluids flow through the inner tubes and outer tubes in the annular gap while transferring heat. Pressure-resistant and shock-resistant not easy to deform, dirt-resistant and dirt-resistant, smooth oil return, high safety and good manufacturability, not easy to leak, flexible structure, convenient layout, low price and cost savings. Particularly suitable for heat pump systems. The inner and outer pipes are made of copper, stainless steel etc., which can be widely dispersed in chillers. air-cooled/water-cooled heat pump units, water source/ground source heat pump units, heat recoven units. heat pump water heaters and other refrigeration and air conditioning industries.

Feature

- Low water quality requirements, larger particles of sediment are not easy to block the water side.
- strong turbulent flow will be formed, and the water side is not easy to scale.
- Heating and cooling capacity performance is relatively balanced.
- Due to its structure, the product has good oil return characteristics.
- The range of use is quite wide, and different heat exchange tubes can be selected according to different application scenarios.

Material

Copper, stainless steel, titanium, nickel-copper, fully customizable according to your needs.

Coaxial Heat Exchanger Naming Rules

G * – * * * * *

- Heat transfer tube materials: C stands for Copper tube, S for Stainless steel tube. B for Copper nickel tube, T for Titanium tube
- 4-digit code: Heat Capacity
- Structure: C stands for Round, F for Rectangle, Y for Trombone
- Identity: G stands for Gimleo

Technical data

Model	Heating capacity 1 Kw	Water flow m^3/h	Length mm	Width mm	Height mm
GY-0040C	4	0.7	313	140	140
GY-0060C	6	1	325	140	170
GY-0092C	9.2	1.6	313	140	200
GY-0135C	13.5	2.3	313	140	257
GY-0154C	15.4	2.6	555	245	222
GY-0200C	20	3.4	664	245	222
GY-0228C	22.8	3.9	660	280	262
GY-0400C	40	6.9	690	245	444
GY-0440C	44	7.6	700	280	524

Heating: DB 7°C, WB 6°C, Inlet water 40°C, Outlet water 45°C

Cooperative Services

Keep Excelsior, Professional Service

Professional Customized Services

Personalized product customization service. According to the customer's installation needs, different multiple heat exchangers are assembled to meet the design requirements of various power models.

The professional technical team designs the drawing to accurately and quickly solve customer needs.

Customized Procurement Of Heat Pump Accessories

Various heat pump accessories can be customized, and one-stop considerate service can meet your requirements efficiently and quickly.

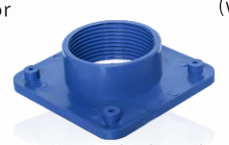
Titanium connector

Female thread connector

Female thread connector (with ears)

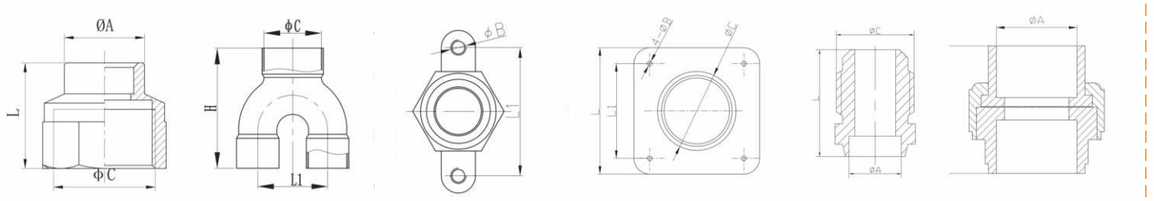
Y connector

PVC union connector



PVC Female thread connector (with fixing plate)

ppr union connector



Technical data

Name	Specification	Thread diameter	Length	Ear distance	Fixed hole size
Female thread connector (with ears)	3/4"*∅25	3/4	30	50	M6
	1"*∅25	1"	29.5	55	M6
Female thread connector	3/4"*∅19.05	3/4"	30	／	／
	1"*∅19.05	1"	34	／	／
Y connector	2-Φ19.3×Φ28.7	ϕ28.7	60	35	／
	2-Φ16.2×Φ25.7	ϕ25.7	52	29	／
PVC union connector	Φ63	／	95	／	／
	Φ50	／	79	／	／
Titanium connector	Φ12.7*3/4″	17/16-14UNF	35	／	／
	Φ19.05*3/4″	17/16-14UNF	35	／	／
PVC Female thread connector (with fixing plate)	Φ50	G1.5″	80	60	Φ3