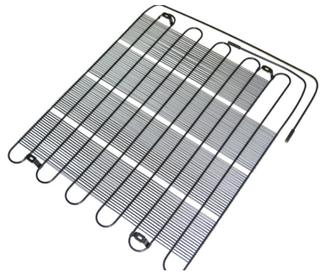
WIRE TUBE CONDENSER (SINGLE LAYER)

Raw material:
1. Rolling welded steel tube: ∅4.76~ ∅8×0.71
2. Iow carbon steel wire ∅1.2~∅1.6mm
3. Bracket:Steel plate(SPCC) thickness:T=0.6~2.0mm
4. Steel plate: SPCC thickness T=0.6~0.8mm



Structure:
1. Flat type of wire on tube condenser used at the back.
2. Bended or spiral type of wire on tube condenser used at the bottom
   Wrapped type of tube embed on plate.

Key process:
Tube Bending, Welding, Fix the bracket, Weld the suction tube,(Folding or bending to shape),Leakage test, Cleaning,Coating, Inspection, Packing.

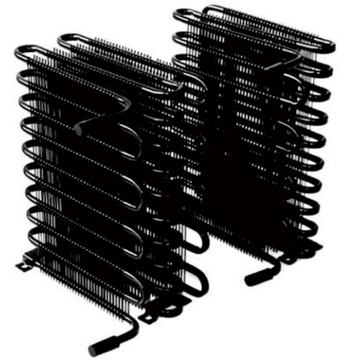
Performance:
1. Surface with electrophoresis coating to prevent the corrosion.
2. Inner cleanness can meet the requirements of R134a & CFC cooling system.
3. Can satisty the cooling capability requirements.

Technical standards:

R134a Cooling system Tube Inside standards	Specification of E-coating
Residual moisture ≤5mg/100cm³	Coating thickness:
Residual impurity ≤10mg/100cm³	Thickness of cathodic electrophoresis coating 15~20μm
Residual mineral oil ≤100mg/100cm³	Hardness of coating: ≥2H
Residual chlorine ≤5vloppm	Impact of coating: 50cmg. kg/cm impact, no crack
Residual paraffin ≤3mg/m³	Adhesion of coating: ≥two grade
Biggest single impurity≤0.5mm	Flexibility of coating Around:R=3D bend 180°. no crack or no fall off.
	Corrosion resistant(Salt spray GB2423):
	Cathodic electrophoresis coatimg≥72h

WIRE TUBE CONDENSER (MULTILAYER)

Raw material:
1. Rolling welded steel tube: ∅4.76~ ∅8×0.71
2. Iow carbon steel wire ∅1.2~∅1.6mm
3. Bracket:Steel plate(SPCC) thickness:T=0.6~2.0mm
4. Steel plate: SPCC thickness T=0.6~0.8mm



Structure:
1. Multilayer folding
2. Multi-layer reel type
3. Multi-layer welding assembled

Key process:
Tube Bending, Welding, Fix the bracket, Weld the suction tube,(Folding or bending to shape),Leakage test, Cleaning,Coating, Inspection, Packing.

Performance:
1. Surface with electrophoresis coating to prevent the corrosion.
2. Inner cleanness can meet the requirements of R134a & CFC cooling system.
3. Can satisty the cooling capability requirements.

Technical standards:

R134a Cooling system Tube Inside standards	Specification of E-coating
Residual moisture ≤5mg/100cm³	Coating thickness:
Residual impurity ≤10mg/100cm³	Thickness of cathodic electrophoresis coating 15~20μm
Residual mineral oil ≤100mg/100cm³	Hardness of coating: ≥2H
Residual chlorine ≤5vloppm	Impact of coating: 50cmg. kg/cm impact, no crack
Residual paraffin ≤3mg/m³	Adhesion of coating: ≥two grade
Biggest single impurity≤0.5mm	Flexibility of coating Around:R=3D bend 180°. no crack or no fall off.
	Corrosion resistant(Salt spray GB2423):
	Cathodic electrophoresis coatimg≥72h

TUBE ON PLATE CONDENSER

Raw material:
1. Rolling welded steel tube: Ø4.76~ Ø8×0.71
2. Steel plate: SPCC thickness T=0.28~0.40mm
3. Bracket:Steel plate(SPCC) thickness:T=0.6~2.0mm

Structure:
1. The type of floding drum
2. Welding Assembled type

Key process:
Tube Bending, fin punching. Plate tube welding,Folding or bending to shape, Fix the bracket. Welding and assembling,Leakage test, Cleaning,Coating, Inspection, Packing.

Performance:
1. Surface with electrophoresis coating to prevent corrosion.
2. Inner cleanness can meet the requirements of R134a & CFC cooling system.
3. Can satisty the cooling capability requirements.

Technical standards:

R134a Cooling system Tube Inside standards	Specification of E-coating
Residual moisture ≤5mg/100cm³ Residual impurity ≤10mg/100cm³ Residual mineral oil ≤100mg/100cm³ Residual chlorine ≤5vloppm Residual paraffin ≤3mg/m³ Biggest single impurity≤0.5mm	Coating thickness 1. Thickness of cathodic electrophoresis coating 15~20μm 2. Powder coating thick plate and tube ＜ omdenser:60-300μm Hardness of coating: ≥2H Impact of coating: 50cmg. kg/cm impact, no crack Adhesion of coating: ≥two grade Flexibility of coating Around:R=3D bend 180°. no crack or no fall off. Color tolerance of powder painting: △ E≤1.5 Corrosion resistant(Salt spray GB2423): 1. Cathodic electrophoresis coatimg≥72h 2. Powder paining ≥ 200h

WINDOW BLIND CONDENSER OF TUBE ON PLATE CONDENSER

Raw material:
1. Rolling welded steel tube: Ø4.76~ Ø8×0.71
2. Steel plate: SPCC thickness T=0.28~0.40mm
3. Bracket:Steel plate(SPCC) thickness:T=0.3~0.6mm

Structure:
1. The type of floding drum
2. Flat type of wire on tube condenser used at the back

Key process:
Tube Bending, fin punching. window blind welding,Folding or bending to shape, Fix the bracket. Welding and assembling,Leakage test, Cleaning,Coating, Inspection, Packing.

Performance:
1. Surface with electrophoresis coating to prevent corrosion.
2. Inner cleanness can meet the requirements of R134a & CFC cooling system.
3. Can satisty the cooling capability requirements.

Technical standards:

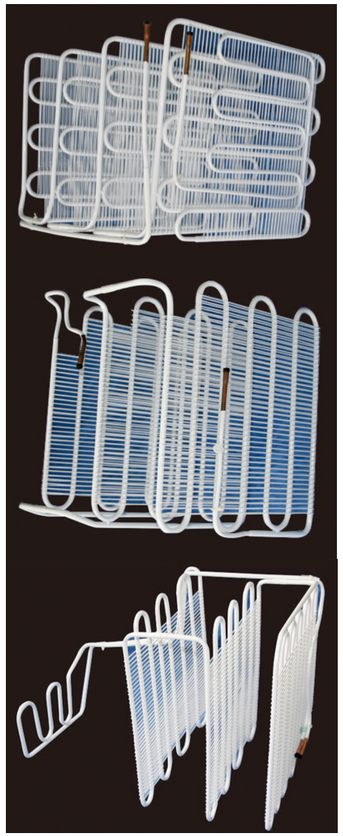
R134a Cooling system Tube Inside standards	Specification of E-coating
Residual moisture ≤5mg/100cm³ Residual impurity ≤10mg/100cm³ Residual mineral oil ≤100mg/100cm³ Residual chlorine ≤5vloppm Residual paraffin ≤3mg/m³ Biggest single impurity≤0.5mm	Coating thickness: Thickness of cathodic electrophoresis coating 15~20μm Hardness of coating: ≥2H Impact of coating: 50cmg. kg/cm impact, no crack Adhesion of coating: ≥two grade Flexibility of coating Around:R=3D bend 180°. no crack or no fall off. Corrosion resistant(Salt spray GB2423): Cathodic electrophoresis coatimg≥72h

WIRE TUBE EVAPORATOR

Raw material:
1. Rolling welded steel pipe: ₵8×0.71,with wall thickness0.7
2. low carbon steel wire ₵1. 2~₵1. 6mm
3. Bracket:Steel plate(SPCC) thickness 0.6~0.9mm

Structure:
Structure 1: evaporator for single temperature control system
Structure 2: evaporator for double temperature control system
Structure 3: evaporator for three way temperature control system

Key process:
Tube bending, Welding, Mono shelf assemble, Assembly welding.
Leakagetest, Cleaning, Coating, Inspection, Packing



Performance:
1. Surface treated with electrophoresis or powder painting to prevent corrosion.
2. Inner cleanness can meet the requirements of R134a & CFC cooling system.
3. Can satisty the cooling capability requirements.

Technical standards:

R134a Cooling system Tube Inside standards		Specification of E-coating
Linear measure	≤0.004L	Coating thickness
Verticality	≤0.0047B2	1. Thickness of cathodic electrophoresis coating 15~20μm
Residual moisture	≤5mg/100cm³	2. Thickness of wire-tube evaporator powder coating:60-300μm
Residual impurity	≤10mg/100cm³	Hardness of coating: ≥2H
Residual mineral oil	≤10mg/100cm³	Impact of coating: 50cmg. kg/cm impact, no crack
Residual chlorine	≤5vloppm	Adhesion of coating: ≥two grade
Residual paraffin	≤3mg/cm³	Flexibility of coating Around:R=3D bend 180°. no crack or no fall off.
Biggest single impurity	≤0.5mm	Color tolerance of powder painting: △ E≤1.5
		Corrosion resistant(Salt spray GB2423):
		1. Cathodic electrophoresis coatimg≥72h
		2. Powder paining ≥ 200h

CONDENSER USED INSIDE

Raw material:
Galvanized steel or aluminum tube: ₵4. 0~₵8. 0x0. 71

Structure:
Flat type of wire on tube condenser used inside

Key process:
Tube Bending, Leakage test, Drying, Inspection, Packing

Performance:
1. The product surface galvanized or painted PVC, meet the product
2. Inner cleanness can meet the requirements of R134a & CFC cooling system
3. Can satisty the cooling capability requirements

Technical standards:

R134a Cooling system Tube Inside standards	Specification of E-coating
Residual moisture ≤5mg/100cm³	Coating thickness
Residual impurity ≤10mg/100cm³	Zinc coating thickness 3.0μm ~ 5.0μm
Residual mineral oil ≤100mg/100cm³	Hardness of coating: ≥2H
Residual chlorine ≤5vloppm	Impact of coating: 50cmg. kg/cm impact, no crack
Residual paraffin ≤3mg/m³	Adhesion of coating: ≥two grade
Biggest single impurity≤0.5mm	Flexibility of coating Around:R=3D bend 180°. no crack or no fall off
	Corrosion resistant(Salt spray GB2423): ≥72h