

Part: Wire on tube Condenser

Product Description:

Wire on tube condenser is used in different types of single door, double doors and multi-doors no-frost refrigerator, chest freezers, water dispenser, bottle cooler, show case etc.. It is working as heat radiator of the cooling system.

Product Characteristics:

- CFC-free
- High efficient heat exchange
- High inter cleanness which compatible to R134a, R600a.
- Surface with black cathode painting, high corrosion resisting

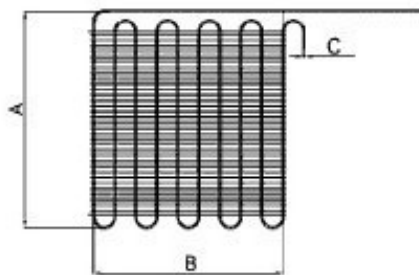
Raw Material:

bundy tube O.D 4.76mm 6mm 6.35mm 8mm
 steel wire bright low carbon wire O.D.1.3mm~.6mm
 Bracket (SPCC) steel sheet thickness 0.6 ~2.0mm
 Pitch distance 25.4mm 50.8mm or other pitch designs by customer available
 Wire distance: from 2.38mm~10mm

Structure:

- Flat type
- Folded type
- Wave Flow type
- Compact type
- Fan cooled condenser
- Other OEM design based on customer drawings

Size:

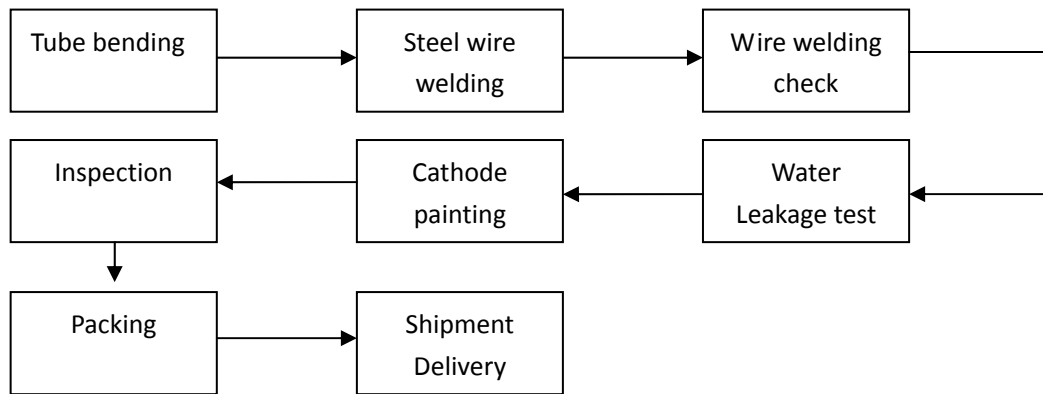


| Item | A | B | C |
|-----------------|------------|------------|-------------|
| Size Limitation | 200~1000mm | 200~1800mm | Φ4/4.76/6/8 |

Surface treatment:

Black cathode electrophoresis coating
 thickness of cathode electrophoresis coating 15 ~ 20 μ m;
 Corrosion resistant: Cathode electrophoresis coating ≥96hrs;

Production Process:



Key Quality Control:

- Welding machine can control the temperature of each welder
- Special worker to check welded steel wire quality one by one (to check wire with loss or without welding or not)
- Leakage test by water
- Final condenser with additionally test its inner nitrogen gas pressure, and use water alcohol to check gas leakage.
- Moisture & Residue Test will be optional

Product Equipment

Bundy tube straightening machine



Multi spot welding machine



Automatic cathode electrophoresis coating line



Salt Test Machine



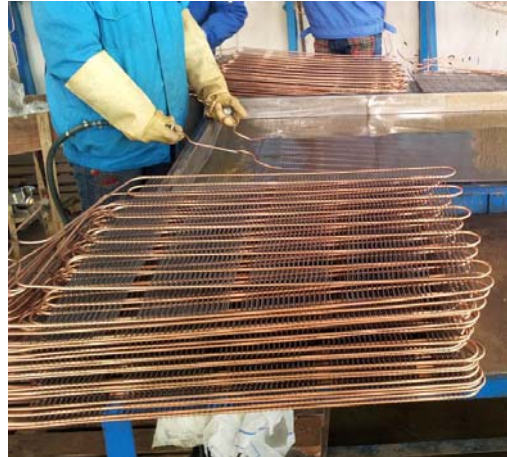
Daily production capacity: 10000pcs

Key Quality Control:

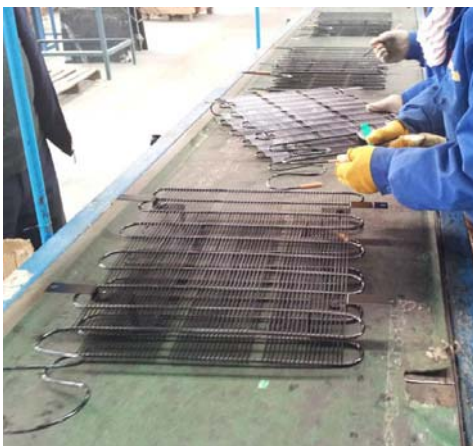
Checking of each welding point manually



Leakage test by water



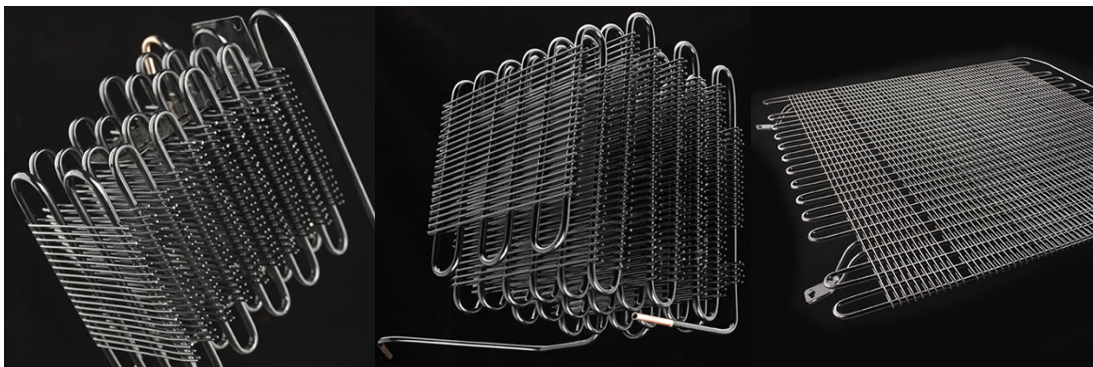
Nitrogen gas charging & leakage detect



Salt Test Machine



Product Pictures:



We can produce by customer order or sample, also can help customer design and produce different models of wire on tube condenser, wire on tube evaporator.

Welcome sending your drawing or sample to us.