

Part: Roll Bond Evaporator

Product Description:

The Roll Bond Evaporator is used in various domestic & commercial cooling appliance like refrigerator, up freezer, show case, water cooler, wine cooler, water dispenser etc.

It is to absorb appliance's inner heat when refrigerant gas flows in its tube so that inner cabinet of appliance can be cooled quickly.

The inner cleanness meets Non-CFC demand and compatible to R134a, R600a & R400a

Product Characteristics:

- High quality & purity aluminum sheets, tubes and copper tubes for production
- Aluminum is 100% recyclable.
- Noise reduction: By adapting the channel pattern it can reduce noise of up to 5%.
- Corrosion: Its surface plastic powder coating prevents corrosion.

Raw Material:

Aluminum Sheet: AL1050, AL 1060, AL1070

Al sheet thickness: 1.4 ~ 2.5mm by rolling to requested thickness

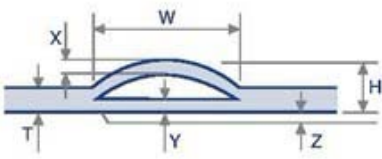
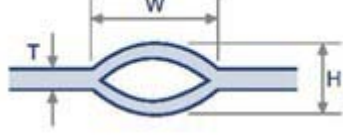
AL-CU tube, Capillary Tube

Aluminum sheet: evaporator thickness: 1.2 ~ 1.5mm, normally with thickness 1.2mm.

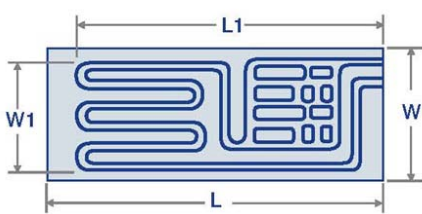
Roll bond Evaporator Structure & Size:

Single side inflated or two sides inflated

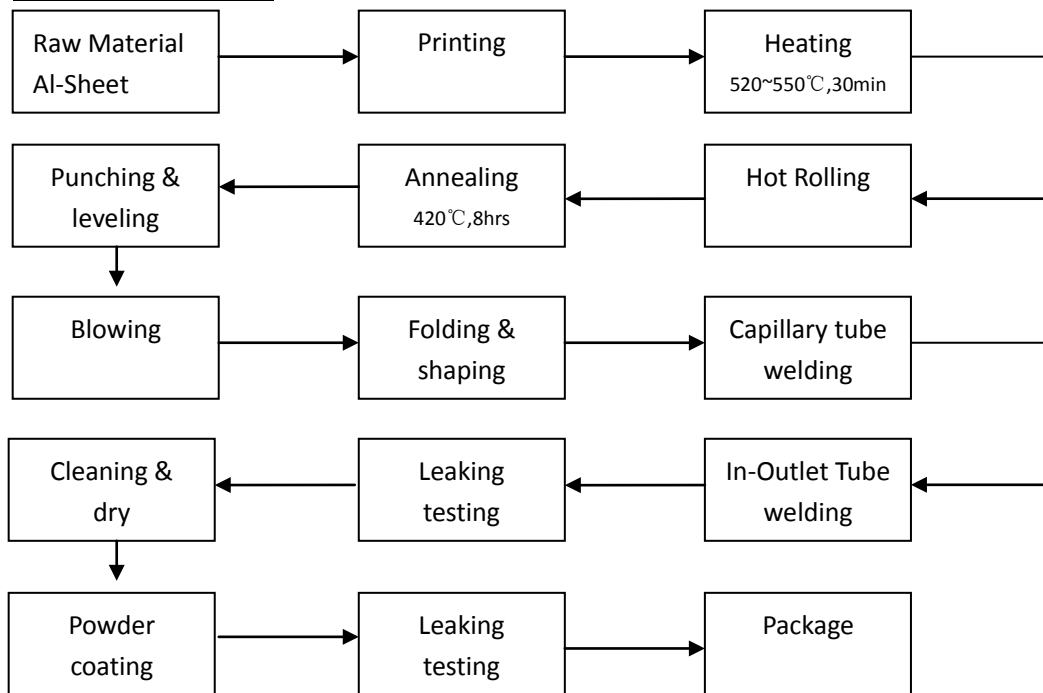
Flat, U-shape, C-Shape-Shape, Box shape, Round shape

Cross Section-Single Side Inflated						Cross Section- Two Sides Inflated		
								
W (mm)	H (mm)	T (mm)	X (mm)	Y (mm)	Z (mm)	T (mm)	H (mm)	W (mm)
8~12	2.5~ 2.8~ 3.0	1.2~1.5	0.6~0.7	0.6~0.8	0.5~0.8	1.2~1.5	4.0~4.4	8~12

Size:

	Max size (mm)	
	W	L
	650	1850

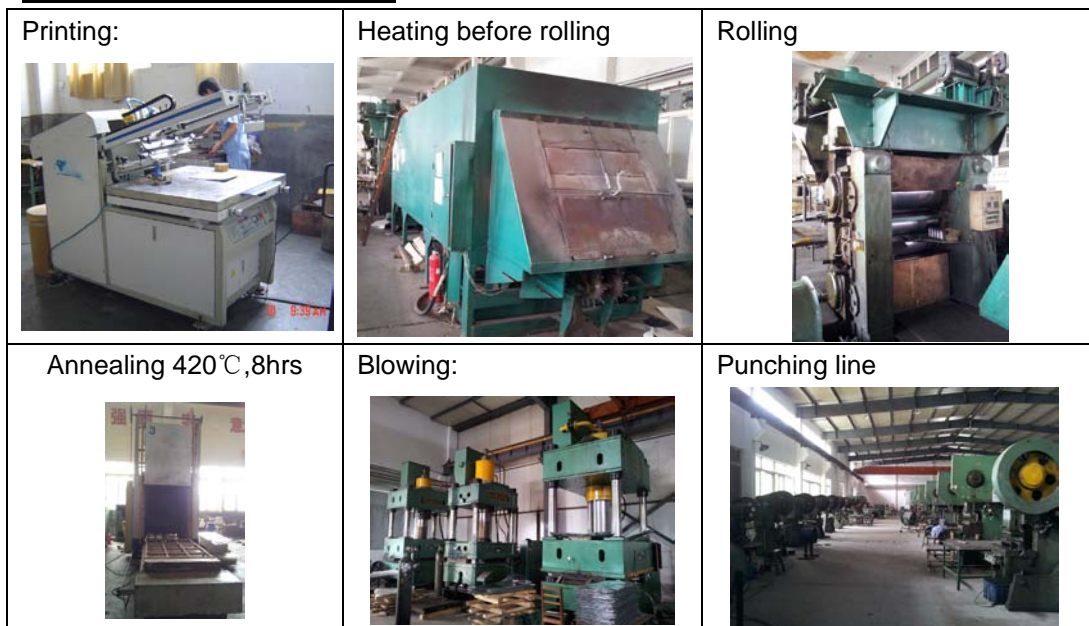
Production Process:



Key Quality Control:

- High quality graphite ensures safe printing without any dirt or dust on the printing channels, 100% closing and cleaning printing workshop
- Resistance welding machine for Al-Cu connector tubes with good quality, no any welding defects
- In-Outlet tube ends with stainless connectors to avoid high welding temperature's damage to connecting place, 100% avoid leakage problems caused by welding
- Before painting, 100% water leakage testing
- After powder coating, again 100% water leakage testing to ensure no any defected piece sent.
- Safe & careful packing to avoid damage of goods during the shipment

Production Process Pictures:



<p>Al-Cu connector welding</p> 	<p>Capillary tube welding</p> 	<p>Leakage testing (no coated)</p> 
<p>Full-Auto coating line</p> 	<p>Leakage testing (coated)</p> 	<p>Packing</p> 

Daily production capacity: 15000pcs

Product Pictures:



Our professional, technical and fast reply will make us easy communicated; also our experienced and high quality controlling will make sure that we send high quality roll bond evaporator to your appliance, no any quality risk.

We can produce by customer drawing or sample, also can help customers design and produce different models of roll bond evaporator.

Welcome sending your drawing or sample to us.