



**BUNDY**  
REFRIGERATION

[www.bundyrefrigeration.com](http://www.bundyrefrigeration.com)

## CHEST FREEZER COOLING SYSTEMS



Bundy Refrigeration is the leading supplier of custom cooling systems components for Chest-freezer applications. Our highly flexible, automated processes allow us to deliver a wide range of sizes with consistently good quality.

### CHEST FREEZER EVAPORATOR

Bundy's line of chest freezer evaporators includes both three dimensional serpentine as well as wrap around evaporators. Our wrap around evaporators incorporate "D" Shape Section tubing and gooseneck corners to maximize surface contact. Evaporators can be supplied as stand-alone components or assembled with heat exchangers and accumulators as part of a fully tested system.

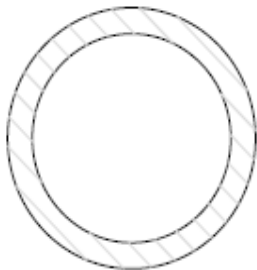


### CHEST FREEZER CONDENSER

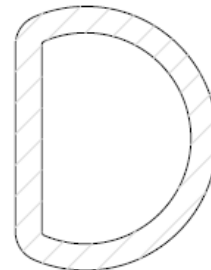
Bundy produces wrap around skin condensers as well as wire-on-tube static and forced draft condensers for Chest Freezer applications. Wrap around condensers can be supplied in plain or coated steel tubing to meet a variety of corrosion resistance specifications.



## SEE TUBE PROFILES



Standard Tube



"D" Shape

"D" Shape - increases the heat exchange area and consequently the evaporator efficiency

**INNOVATIVE COOLING SYSTEM SOLUTIONS**

# CHARACTERISTICS

## Chest Freezer Evaporator

### WRAP AROUND

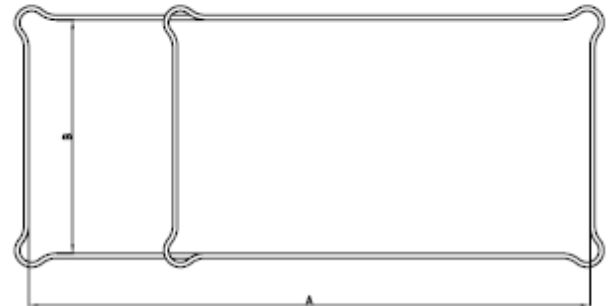
Raw Material	
Tubing	Electricwelded steel tube as per SAE J526 - Jan 2000 Aluminum or copper tubing also available
	Standard size (OD) 6,35 mm; 7,94 mm; 8,00 mm; 9,52 mm *See Tubing data sheet for detailed specification
Coating	Hot Dipped Galvanized (HDG)
	Red corrosion resistance: 48 - 72 hrs depending on thickness* *Hours beofre formation of red rust according to ASTM B117 Salt spray resistance test

Custom design specifications are available upon request. Please contact the sales department.

Suggested characteristics for guiding customized design

Corner Radius (mm)	Suggested qty of tubes	Maximum qty of tubes
15 - 25	4 - 8	8 - 12
	Dimension "A" (mm)	Dimension "B" (mm)
Max	2400	900
Min	280	450

### CUSTOMIZED PROJECT



Chest Freezer evaporators can be supplied with heat exchangers and accumulators as part of a fully assembled and tested evaporator system.

## Chest Freezer Condenser

### SKIN

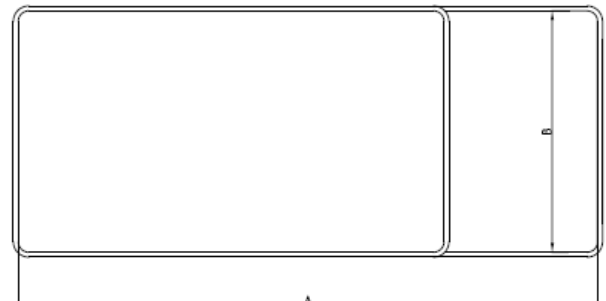
Raw Material	
Tubing	Electricwelded steel tube as per SAE J526 - Jan 2000 Aluminum or copper tubing also available
	Standard size (OD) 4,76 mm; 5,00 mm; 6,00 mm *See Tubing data sheet for detailed specification
Coating	Plain or Hot Dipped Galvanized (HDG)
	Red corrosion resistance: 48 - 72 hrs depending on thickness* *Hours beofre formation of red rust according to ASTM B117 Salt spray resistance test

Custom design specifications are available upon request. Please contact the sales department.

Suggested characteristics for guiding customized design

Corner Radius (mm)	Suggested qty of tubes	Maximum qty of tubes
20 - 25	4 - 8	9
	Dimension "A" (mm)	Dimension "B" (mm)
Max	2500	1040
Min	400	570

### CUSTOMIZED PROJECT



Please refer to Static Condenser data sheet and Dynamic Condenser data sheet for more condenser design options.