

## → **HEAT EXCHANGER**



### SUCTION LINE AND CAPILLARY TUBE

Custom design suction/capillary heat exchangers can be supplied individually or as part of a fully tested evaporator system.

Bundy offers a wide variety of different materials and heat exchanger designs to meet the cost and performance requirements of most refrigeration applications.

## ⇒ **CHARACTERISTICS**

### STANDARD MATERIALS

Suction Tube	Copper / Aluminum / Hot Dip Zinc coated Steel
	Ø 5,00mm; 6,00mm; 6,35mm; 8,00mm; 9,52mm
	Ø 10,00mm; 12,70mm
Capillary Tube	Copper
	OD - 1,80mm to 2,45mm
	ID - 0,55mm to 1,25mm
Accumulator	Copper or Aluminum

## CHARACTERISTICS

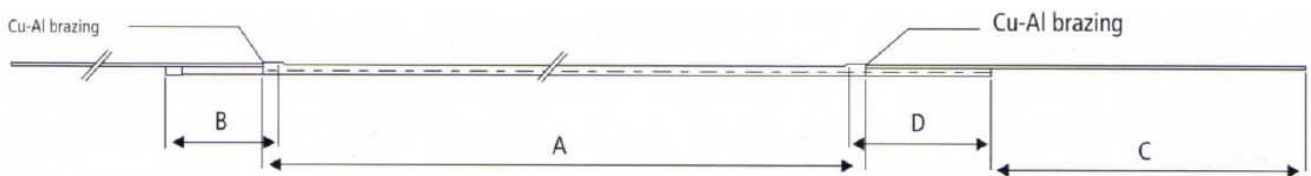
### HEAT EXCHANGER TYPES

#### INSIDE CAPILLARY TUBE

Suction Tube	Aluminum
Capillary Tube	Copper
Connections	Copper

#### OUTSIDE CAPILLARY TUBE

Suction Tube	Steel / Copper
Capillary Tube	Copper
Accumulator	Copper / Aluminium
Tin Soldering	Melting temperature standard 230 C°
	Option high temperature material 255 C°



Typical construction for internal capillary tube design with aluminium suction tube and copper end.

Dimension	Recommended	Min	Max
A	500 - 2000	-	-
B	100	100	-
C	No limit	-	-
D	100	100	-

### RELATIVE BEND FORCE/TORQUE

Copper suction tube (traditional type)	1
Steel suction tube	2,8
Soft steel tube FeHex	1,85

### CORROSION RESISTANCE - HOT DIPPED ZINC COATED STEEL TUBE

Salt spray test (ISO 9227)	72 h
Tropic test (humidity chamber)	30 days

Corrosion resistance can be increased with painting or other secondary surface treatments, if required.

