



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 / aluminium / 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: 1,80 ± 2,45 mm ID: 0,55mm to 1,25mm
Accumulator	Copper or aluminium

HEAT EXCHANGER TYPES

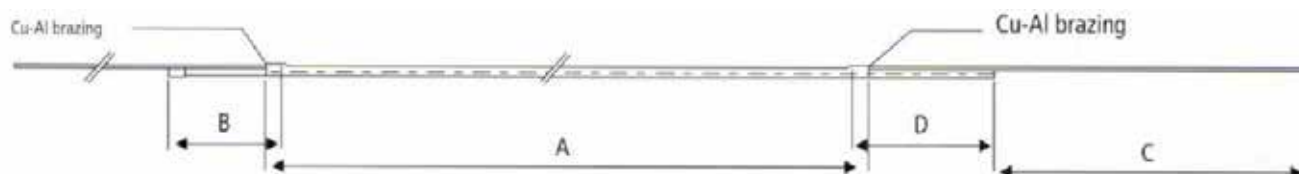
Inside Capillary Tube	
Suction Tube	Aluminium
Capillary Tube	Copper
Connections	Copper



Outside Capillary Tube	
Suction Tube	Steel / copper
Capillary Tube	Copper
Accumulator	Copper / aluminium
Tin Soldering	Melting temperature standard 230C° Option high temperature material 255C°
Sleeve	Heat shrinkable sleeve (various grades)

HEAT EXCHANGER

HEAT EXCHANGER TYPES (cont'd)



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

Dimension	Recommended	Min	Max
A	599 - 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)	72h
Tropic test (humidity chamber)	30 days

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

We are the name behind the world's leading refrigeration appliances

Bundy delivers safe, high-quality, technology-driven heat transfer and fluid-carrying components to meet the demands of global brands in the refrigeration and household appliance industry.

Every day, Bundy know-how puts more than 60 years of experience to work. With facilities throughout Europe and the Americas, Bundy serves the needs of an industry the world relies on.



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REFRIGERATION

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