

## Input Data:

Refrigerant	R134a
Heat load of the system	68 W
Evaporating temperature	-25 eC
Condensing temperature	55 eC
Return gas temperature	0 eC

## Capillary Tube Recommendation:

Flow Rate 5.5 l/min (N2 at delta p 10 nbar)

Length	Diameter
1.95 m	0.60 mm
2.49 m	0.63 mm
4.22 m	0.70 mm
4.53 m	0.71 mm
8.22 m	0.80 mm
14.82 m	0.90 mm
25.10 m	1.00 mm
44.23 m	1.12 mm
62.45 m	1.20 mm

## Optimal Selection:

A 1.95 m length of 0.60 mm diameter tubing.