

Input Data:

Refrigerant	R404A
Heat load of the system	61 W
Evaporating temperature	-25 eC
Condensing temperature	45 eC
Return gas temperature	0 eC

Capillary Tube Recommendation:

Flow Rate 5.4 l/min (N2 at delta p 10 nbar)

Length	Diameter
1.97 m	0.60 mm
2.52 m	0.63 mm
4.27 m	0.70 mm
4.58 m	0.71 mm
8.32 m	0.80 mm
14.99 m	0.90 mm
25.39 m	1.00 mm
44.74 m	1.12 mm
63.17 m	1.20 mm

Optimal Selection:

A 1.97 m length of 0.60 mm diameter tubing.