

Liquid and Suction Line Sizing On Cooling Mode - Using Parker Virtual Engineer

Capacity	24000		36000		48000		54000	
Equiv. Len. (ft.)	Suct. Line	Liq. Line	Suct. Line	Liq. Line	Suct. Line	Liq. Line	Suct. Line	Liq. Line
25	0.625	0.3125	0.625	0.375	0.75	0.375	0.75	0.375
50	0.625	0.3125	0.75	0.375	0.875	0.5	0.875	0.5
75	0.75	0.375	0.75	0.5	0.875	0.5	0.875	0.5
100	0.75	0.375	0.875	0.5	0.875	0.5	1.125	0.5
125	0.75	0.375	0.875	0.5	1.125	0.5	1.125	0.5
150	0.75	0.5	0.875	0.5	1.125	0.5	1.125	0.5
175	0.875	0.5	0.875	0.5	1.125	0.5	1.125	0.625
200	0.875	0.5	1.125	0.5	1.125	0.5	1.125	0.625

Notes: 1. Using 100°F liquid temp., 45°F Sat. Suction Temp. and 100°F liquid Temp., R410A, 0' of lift

2. Always follow the equipment manufacturer's instructions for line sizing.

3. These line sizing guidelines are derived from Parker Virtual Engineer (202311)