

VCD-Series Vapor Line Size and Cooling Capacity Losses

Unit Nominal Size (Btu/hr)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	COOLING CAPACITY LOSS (%) Total Equivalent Line Length ft. (m)								
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-53.3)	176-200 (53.6-61.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
18000	3/8	1/2	1	2	3	4	5	7	8	9	10
		5/8	0	1	1	1	2	2	3	3	3
		3/4	0	0	0	0	0	1	1	1	1
24000	3/8	5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	1	1	1	1	2	2
		7/8	0	0	0	0	0	0	1	1	1
30000	3/8	5/8	1	2	2	4	4	6	6	7	8
		3/4	0	0	1	1	1	1	2	3	3
		7/8	0	0	0	0	0	1	1	1	1
36000	3/8	5/8	1	3	3	5	5	7	8	9	11
		3/4	0	1	1	1	2	2	3	3	4
		7/8	0	0	1	1	1	1	2	2	2
42000	3/8	3/4	0	1	1	2	4	5	5	6	7
		7/8	0	0	0	1	1	1	2	2	3
		11/8	0	0	0	0	0	0	0	0	0
48000	3/8	3/4	0	1	1	2	3	3	5	5	6
		7/8	0	0	0	1	1	1	2	2	3
		11/8	0	0	0	0	0	0	0	0	1
60000	3/8	3/4	1	1	3	4	5	5	7	9	10
		7/8	0	1	1	2	2	3	3	4	5
		11/8	0	0	0	0	1	1	1	1	1