

## 冷媒配管選定

使用条件: 配管長70[m](立上げ・下げ含む)以下, 70[m]超使用不可

吸入管	数値代入	備考 R-22				
継手を含まない配管長L[m]	0	E.T(C.T)=-10[ ] ~ -40[ ](+40 )				
所要冷凍能力Q[kJ/h]	0					
E・T(C・T)[ ]	-10[ ](+40 )	-17[ ](+40 )	-30[ ](+40 )	-35[ ](+40 )	-40[ ](+40 )	
吸入管サイズ	15.9	15.9	19.05	19.05	19.05	

液管	数値代入	備考 R-22				
継手を含まない配管長L[m]	0	E.T(C.T)=-10[ ] ~ -40[ ](+40 )				
所要冷凍能力Q[kJ/h]	0					
液管サイズ	9.5	[mm]				

吐出管	数値代入	備考 R-22				
継手を含まない配管長L[m]	0	E.T(C.T)=-10[ ] ~ -40[ ](+40 )				
所要冷凍能力Q[kJ/h]	0					
吐出管サイズ	9.5	[mm]				

[参考データ] (管径一覧表)

配管名 E.T.(C.T) kcal/h	吐出管									
	-10 ~ -40 (+40 )									
	10m	20	30	40	50	60	70	80	90	100
2000	9.5	9.5	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
4000	12.7	12.7	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9
6000	12.7	12.7	15.9	15.9	15.9	15.9	19.05	19.05	19.05	19.05
8000	12.7	15.9	15.9	19.05	19.05	19.05	19.05	19.05	19.05	19.05
10000	15.9	15.9	19.05	19.05	19.05	19.05	19.05	22.2	22.2	22.2
12000	15.9	19.1	19.05	19.05	19.05	22.2	22.2	22.2	22.2	22.2
14000	15.9	19.1	19.05	19.05	22.2	22.2	22.2	25.4	25.4	25.4
16000	19.1	19.1	22.2	22.2	22.2	25.4	25.4	25.4	25.4	25.4
18000	19.1	19.1	22.2	22.2	22.2	25.4	25.4	25.4	25.4	25.4
20000	19.1	22.2	22.2	25.4	25.4	25.4	25.4	25.4	25.4	28.6
22000	19.1	22.2	22.2	25.4	25.4	25.4	25.4	28.6	28.6	28.6
24000	19.1	22.2	25.4	25.4	25.4	25.4	28.6	28.6	28.6	28.6
26000	19.1	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6
28000	22.2	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6
30000	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6
32000	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6
34000	22.2	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
36000	22.2	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6	31.8
38000	22.2	25.4	28.6	28.6	28.6	28.6	28.6	28.6	31.8	31.8
40000	22.2	25.4	28.6	28.6	28.6	28.6	28.6	31.8	31.8	31.8
42000	25.4	25.4	28.6	28.6	28.6	28.6	28.6	31.8	31.8	31.8
44000	25.4	25.4	28.6	28.6	28.6	28.6	31.8	31.8	34.9	34.9

配管名 E.T.(C.T) kcal/h	液管									
	-10 ~ -40 (+40 )									
	10m	20	30	40	50	60	70	80	90	100
2000	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
4000	9.5	9.5	9.5	9.5	12.7	12.7	12.7	12.7	12.7	12.7
6000	9.5	9.5	12.7	12.7	12.7	12.7	12.7	15.9	15.9	15.9
8000	9.5	12.7	12.7	12.7	15.9	15.9	15.9	15.9	15.9	15.9
10000	12.7	12.7	15.9	15.9	15.9	15.9	15.9	19.05	19.05	19.05
12000	12.7	12.7	15.9	15.9	15.9	19.05	19.05	19.05	19.05	19.05
14000	12.7	15.9	15.9	15.9	19.05	19.05	19.05	19.05	19.05	22.2
16000	15.9	15.9	15.9	19.05	19.05	19.05	22.2	22.2	22.2	22.2
18000	15.9	15.9	19.05	19.05	19.05	22.2	22.2	22.2	22.2	22.2
20000	15.9	15.9	19.05	19.05	22.2	22.2	22.2	22.2	22.2	25.4
22000	15.9	19.1	19.05	19.05	22.2	22.2	22.2	22.2	25.4	25.4
24000	15.9	19.1	19.05	22.2	22.2	22.2	22.2	25.4	25.4	25.4
26000	15.9	19.1	22.2	22.2	22.2	22.2	25.4	25.4	25.4	25.4
28000	15.9	19.1	22.2	22.2	22.2	25.4	25.4	25.4	25.4	28.6
30000	15.9	19.1	22.2	22.2	25.4	25.4	25.4	25.4	28.6	28.6
32000	19.1	19.1	22.2	22.2	25.4	25.4	25.4	28.6	28.6	28.6
34000	19.1	22.2	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6
36000	19.1	22.2	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6
38000	19.1	22.2	22.2	25.4	25.4	28.6	28.6	28.6	28.6	28.6
40000	19.1	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6
42000	19.1	22.2	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6
44000	19.1	22.2	25.4	25.4	28.6	28.6	28.6	28.6	28.6	28.6

配管名 E.T.(C.T) kcal/h	吸入管(R-22) -10 (+40)										吸入管(R-22) -17 (+40)									
	10m	20	30	40	50	60	70	80	90	100	10m	20	30	40	50	60	70	80	90	100
2000	15.9	15.9	15.9	19.05	19.05	19.05	19.05	19.05	22.2	22.2	15.9	15.9	19.05	19.1	22.2	22.2	22.2	22.2	22.2	22.2
4000	19.05	19.1	22.2	22.2	25.4	25.4	25.4	25.4	25.4	28.6	19.05	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6
6000	19.05	22.2	25.4	25.4	25.4	28.6	28.6	28.6	28.6	28.6	22.2	25.4	28.6	28.6	28.6	28.6	31.8	31.8	31.8	31.8
8000	22.2	25.4	28.6	28.6	28.6	28.6	28.6	28.6	31.8	31.8	25.4	28.6	28.6	28.6	31.8	34.9	34.9	38.1	38.1	38.1
10000	25.4	28.6	28.6	28.6	28.6	31.8	31.8	31.8	31.8	34.9	25.4	28.6	31.8	34.9	34.9	38.1	38.1	38.1	41.3	41.3
12000	25.4	28.6	28.6	31.8	31.8	31.8	31.8	38.1	38.1	38.1	28.6	28.6	34.9	38.1	38.1	41.3	41.3	41.3	44.5	44.5
14000	28.6	28.6	31.8	31.8	38.1	38.1	38.1	41.3	41.3	41.3	28.6	31.8	38.1	38.1	41.3	44.5	44.5	44.5	44.5	50.8
16000	28.6	28.6	34.9	38.1	38.1	41.3	41.3	41.3	41.3	44.5	28.6	34.9	38.1	41.3	44.5	44.5	50.8	50.8	50.8	50.8
18000	28.6	31.8	38.1	38.1	41.3	41.3	44.5	44.5	44.5	44.5	31.8	38.1	41.3	44.5	44.5	50.8	50.8	50.8	50.8	50.8
20000	28.6	31.8	38.1	41.3	41.3	44.5	44.5	44.5	50.8	50.8	31.8	38.1	41.3	44.5	50.8	50.8	50.8	50.8	50.8	53.9
22000	28.6	34.9	41.3	41.3	44.5	44.5	44.5	50.8	50.8	50.8	34.9	41.3	44.5	50.8	50.8	50.8	50.8	50.8	53.9	53.9
24000	28.6	38.1	41.3	44.5	44.5	44.5	50.8	50.8	50.8	50.8	38.1	41.3	44.5	50.8	50.8	50.8	50.8	53.9	53.9	53.9
26000	31.75	38.1	41.3	44.5	44.5	50.8	50.8	50.8	50.8	50.8	38.1	44.5	44.5	50.8	50.8	50.8	53.9	53.9	53.9	63.5
28000	31.75	41.3	44.5	44.5	50.8	50.8	50.8	50.8	50.8	54	38.1	44.5	50.8	50.8	50.8	53.9	53.9	53.9	63.5	63.5
30000	31.75	41.3	44.5	50.8	50.8	50.8	50.8	54	54	54	38.1	44.5	50.8	50.8	53.9	53.9	53.9	53.9	63.5	63.5
32000	34.9	41.3	44.5	50.8	50.8	50.8	54	54	54	54	41.3	44.5	50.8	50.8	53.9	53.9	63.5	63.5	63.5	63.5
34000	38.1	44.5	44.5	50.8	50.8	50.8	54	54	54	54	41.3	50.8	50.8	53.9	53.9	53.9	63.5	63.5	66.7	66.7
36000	38.1	44.5	50.8	50.8	50.8	54	54	54	63.5	63.5	44.5	50.8	50.8	53.9	53.9	63.5	63.5	63.5	63.5	66.7
38000	41.3	44.5	50.8	50.8	50.8	54	54	54	63.5	63.5	44.5	50.8	50.8	53.9	63.5	63.5	63.5	63.5	63.5	66.7
40000	41.3	44.5	50.8	50.8	54	54	54	54	63.5	63.5	44.5	50.8	50.8	53.9	63.5	63.5	63.5	66.7	66.7	66.7
42000	41.3	50.8	50.8	54	54	54	63.5	63.5	63.5	63.5	44.5	50.8	54	63.5	63.5	63.5	66.7	66.7	66.7	66.7
44000	41.3	50.8	50.8	54	54	63.5	63.5	63.5	63.5	63.5	44.5	50.8	54	63.5	63.5	63.5	66.7	66.7	66.7	66.7

配管名 E.T.(C.T) kcal/h	吸入管(R-22) -30 (+40)										吸入管(R-22) -35 (+40)									
	10m	20	30	40	50	60	70	80	90	100	10m	20	30	40	50	60	70	80	90	100
2000	19.05	19.1	22.2	22.2	25.4	25.4	25.4	25.4	28.6	28.6	19.05	22.2	22.2	25.4	25.4	28.6	28.6	28.6	31.8	31.8
4000	22.2	25.4	28.6	28.6	28.6	31.8	31.8	31.8	31.8	34.9	22.2	28.6	28.6	31.8	34.9	34.9	34.9	34.9	38.1	38.1
6000	25.4	28.6	31.8	31.8	34.9	38.1	38.1	41.3	41.3	41.3	25.4	31.8	31.8	34.9	38.1	38.1	41.3	41.3	44.5	44.5
8000	28.6	31.8	34.9	34.9	41.3	41.3	44.5	44.5	44.5	50.8	28.6	31.8	34.9	38.1	41.3	44.5	44.5	50.8	50.8	50.8
10000	28.6	34.9	38.1	41.3	44.5	44.5	50.8	50.8	50.8	50.8	31.8	34.9	44.5	44.5	50.8	50.8	50.8	53.9	53.9	53.9
12000	31.8	38.1	41.3	44.5	50.8	50.8	50.8	50.8	50.8	53.9	31.8	38.1	44.5	44.5	50.8	53.9	53.9	53.9	53.9	53.9
14000	34.9	41.3	44.5	50.8	50.8	50.8	50.8	53.9	53.9	53.9	34.9	41.3	44.5	50.8	53.9	53.9	53.9	63.5	63.5	63.5
16000	34.9	44.5	50.8	50.8	50.8	50.8	53.9	53.9	53.9	53.9	34.9	44.5	50.8	53.9	53.9	53.9	63.5	63.5	63.5	63.5
18000	38.1	44.5	50.8	50.8	53.9	53.9	53.9	53.9	63.5	63.5	38.1	44.5	50.8	53.9	53.9	63.5	63.5	63.5	63.5	63.5
20000	38.1	50.8	50.8	50.8	53.9	53.9	53.9	63.5	63.5	63.5	41.3	50.8	53.9	53.9	63.5	63.5	63.5	63.5	63.5	63.5
22000											41.3	50.8	53.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5
24000											41.3	53.9	53.9	63.5	63.5	63.5	63.5	63.5	66.7	66.7
26000																				
28000																				
30000																				
32000																				
34000																				
36000																				
38000																				
40000																				
42000																				
44000																				

配管名 E.T.(C.T) kcal/h	吸入管(R-22) -40 (+40)																			
	10m	20	30	40	50	60	70	80	90	100	10m	20	30	40	50	60	70	80	90	100
2000	19.05	22.2	25.4	28.6	28.6	28.6	28.6	31.8	31.8	31.8										
4000	25.4	28.6	31.8	34.9	38.1	38.1	38.1	41.3	41.3	41.3										
6000	28.6	34.9	38.1	41.3	41.3	44.5	44.5	50.8	50.8	50.8										
8000	31.7	38.1	41.3	44.5	50.8	50.8	50.8	50.8	53.9	53.9										
10000	38.1	41.3	44.5	50.8	50.8	53.9	53.9	53.9	53.9	53.9										
12000	38.1	44.5	50.8	50.8	53.9	53.9	53.9	53.9	63.5	63.5										
14000	41.3	50.8	50.8	53.9	53.9	53.9	63.5	63.5	63.5	66.7										
16000	44.5	50.8	53.9	53.9	63.5	63.5	63.5	66.7	66.7	66.7										
18000	44.5	50.8	53.9	53.9	63.5	66.7	66.7	66.7	76.2	76.2										
20000	44.5	53.9	53.9	63.5	66.7	66.7	66.7	66.7	76.2	76.2										
22000																				
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