

# REFRIGERATION APPLICATION CHART (R12 AND R22)

written by Lilianne | 17 May 2020

REFRIGERATION APPLICATION CHART (R12 AND R22)

REFRIGERATION APPLICATION CHART (R-12 AND R-22)\*

H.P.	REF.	NOTE	NORMAL EVAPORATING TEMPERATURE DEGREES F							
			-10 to +5		+5 to +20		+20 to +35		+35 to +50	
1/20	R12	S-F	16 Ft.	TC-26	10 Ft.	TC-26				
1/12	R12	S-F	12 Ft.	TC-26	12 Ft.	TC-31				
1/9	R12	S	12 Ft.	TC-26	12 Ft.	TC-31				
1/9	R12	S	10 Ft.	TC-26	10 Ft.	TC-31				
1/8	R12	S-F	10 Ft.	TC-26	10 Ft.	TC-31				
1/6	R12	S	12 Ft.	TC-31	12 Ft.	TC-36	8 Ft.	TC-36	10 Ft.	TC-42
1/6	R12	F	10 Ft.	TC-31	10 Ft.	TC-36				
1/5	R12	S	10 Ft.	TC-31	10 Ft.	TC-36	7-1/2 Ft.	TC-42	7-1/2 Ft.	TC-49
1/5	R12	F	8 Ft.	TC-31	8 Ft.	TC-36	10 Ft.	TC-42	6 Ft.	TC-42
1/4	R22	S-F	12 Ft.	TC-36	6 Ft.	TC-36	8-1/2 Ft.	TC-42	6 Ft.	TC-49
1/4	R12	F	10 Ft.	TC-36	6 Ft.	TC-36	8 Ft.	TC-42	6 Ft.	TC-49
1/3	R22	F	10 Ft.	TC-36	6 Ft.	TC-36	11 Ft.	TC-49		
1/3	R12	F	12 Ft.	TC-42	6 Ft.	TC-42	9 Ft.	TC-49	6 Ft.	TC-54
1/2	R22	F	6 Ft.	TC-36	9 Ft.	TC-42	7-1/2 Ft.	TC-54	10 Ft.	TC-64
1/2	R12	F	11 Ft.	TC-54	9 Ft.	TC-49				
3/4	R22	F	11 Ft.	TC-54	9 Ft.	TC-54				
3/4	R12	F	7-1/2 Ft.	TC-54	12 Ft.	TC-70	1 Ft.	TC-80		
1	R22	F	10 Ft.	TC-64	12 Ft.	TC-70				
1	R12	F	10 Ft.	TC-70	11 Ft.	TC-54	7-1/2 Ft.	TC-54 (2 pcs)		
1-1/2	R22	F	7-1/2 Ft.	TC-54 (2 pcs)	7-1/2 Ft.	TC-54 (2 pcs)	8 Ft.	TC-64 (2 pcs)		
1-1/2	R12	F			9 Ft.	TC-64 (2 pcs)	10 Ft.	TC-80 (2 pcs)		
2	R22	F			10 Ft.	TC-70 (2 pcs)	9 Ft.	TC-75 (2 pcs)		
2	R12	F	10 Ft.	TC-70 (2 pcs)	9 Ft.	TC-75 (2 pcs)	10 Ft.	TC-85 (2 pcs)		
3	R22	F			10 Ft.	TC-70 (3 pcs)	9 Ft.	TC-75 (3 pcs)		
3	R12	F	10 Ft.	TC-70 (2 pcs)	8 Ft.	TC-64 (4 pcs)	10 Ft.	TC-80 (4 pcs)		
4	R22	F			10 Ft.	TC-70 (4 pcs)	9 Ft.	TC-75 (4 pcs)		
4	R12	F			10 Ft.	TC-70 (5 pcs)	9 Ft.	TC-75 (5 pcs)		
5	R12	F			10 Ft.	TC-80 (5 pcs)	9 Ft.	TC-85 (5 pcs)		

NOTE: Condenser Type: S = Static, F = FAN

\*R-134a - It is suggested to add 10% to length.