

Choice® Refrigerants

R-421A Pressure Temperature Chart

F°	R-22	R-421A		R-410A	
		Liquid	Vapor	Liquid	Vapor
-50	-3.0	-3.1	-5.9	5.0	4.9
-45	-1.3	-1.4	-4.6	7.7	7.6
-40	0.6	0.5	-3.0	10.8	10.7
-35	2.6	2.5	-1.3	14.1	14.0
-30	4.9	4.8	0.7	17.8	17.7
-25	7.4	7.4	2.8	21.9	21.8
-20	10.2	10.1	5.2	26.3	26.2
-15	13.2	13.2	7.8	31.2	31.0
-10	16.5	16.5	10.7	36.5	36.3
-5	20.1	20.1	13.9	42.2	42.0
0	24.0	24.0	17.3	48.4	48.2
5	28.3	28.2	21.1	55.2	54.9
10	32.8	32.8	25.2	62.4	62.2
15	37.8	37.8	29.7	70.3	70.0
20	43.1	43.1	34.6	78.7	78.4
25	48.8	48.9	39.8	87.7	87.4
30	55.0	55.0	45.5	97.4	97.0
35	61.5	61.7	51.6	107.7	107.3
40	68.6	68.7	58.1	118.8	118.4
45	76.1	76.3	65.2	130.6	130.1
50	84.1	84.3	72.7	143.2	142.6
55	92.6	92.9	80.8	156.5	156.0
60	101.6	102.0	89.4	170.7	170.1
65	111.3	111.7	98.5	185.8	185.2
70	121.4	122.0	108.3	201.8	201.1
75	132.2	132.9	118.7	218.7	217.9
80	143.6	144.4	129.8	236.5	235.8
85	155.7	156.6	141.5	255.4	254.6
90	168.4	169.5	153.9	275.4	274.5
95	181.8	183.1	167.1	296.4	295.5
100	195.9	197.4	181.0	318.6	317.6
105	210.8	212.4	195.7	341.9	340.9
110	226.4	228.3	211.2	366.4	365.4
115	242.8	244.9	227.6	392.3	391.2
120	260.0	262.4	244.9	419.4	418.3
125	278.0	280.8	263.1	447.9	446.8
130	296.9	300.1	282.2	477.9	476.8
135	316.7	320.3	302.4	509.4	508.3
140	337.4	341.5	323.6	542.5	541.4
145	359.0	363.6	346.0	577.3	576.3
150	381.7	386.9	369.5	613.9	613.0

● All values shown in PSIG

● hg. vacuum

Choice® Facts

- R421A has less than 1% difference in pressure than R22, taking the guess work out of the conversion.
- R421A has been in production since 2000, with millions of pounds sold.
- R421A contains a performance enhancing lubricant, which helps facilitate oil return back to the compressor.
- R421A does not contain any flammable components, like butane.

Learn more at ChoiceSystems.com



Designed to work with Choice 421A

Choice® HVAC Systems

Pressure Temperature Chart

421A
HFC Refrigerant Gas