

Forane® Refrigerant Pressure Temperature Chart

PRESSURE (PSIG)																		
Sat. Temp (°F)	R-22	R-407C Liquid Pressure	R-407C Vapor Pressure	R-410A Liquid Pressure	R-427A Liquid Pressure	R-427A Vapor Pressure	R-407A Liquid Pressure	R-407A Vapor Pressure	R-123	R-12	R-134a	R-409A Liquid Pressure	R-409A Vapor Pressure	R-401A Liquid Pressure	R-401A Vapor Pressure	R-401B Liquid Pressure	R-401B Vapor Pressure	Sat. Temp (°C)
-50	6.2	2.9	11.4	5.3	3.8	11.9	0.8	9.0	29.2	15.4	18.7	12.4	17.2	13.5	17.9	12.2	16.8	-45.6
-45	2.7	0.4	8.5	8.0	0.1	9.0	1.7	5.7	29.0	13.3	16.9	9.7	15.2	11.1	16.0	9.6	14.7	-42.8
-40	0.5	2.5	5.2	11.0	1.9	5.9	3.9	2.0	28.9	11.0	14.8	6.8	13.1	8.4	13.8	6.7	12.4	-40.0
-35	2.6	4.8	1.5	14.2	4.1	2.4	6.4	1.0	28.7	8.4	12.5	3.5	10.7	5.3	11.4	3.4	9.7	-37.2
-30	4.9	7.3	1.3	17.8	6.6	0.8	9.2	3.3	28.4	5.5	9.8	0.0	8.1	2.0	8.7	0.1	6.8	-34.4
-25	7.4	10.1	3.6	21.8	9.3	2.9	12.2	5.8	28.1	2.3	6.9	2.0	5.1	0.8	5.6	2.0	3.5	-31.7
-20	10.1	13.1	6.1	26.1	12.2	5.3	15.6	8.5	27.8	0.6	3.7	4.1	1.9	2.9	2.2	4.1	0.1	-28.9
-15	13.2	16.5	8.8	30.8	15.4	7.9	19.2	11.5	27.4	2.4	0.1	6.5	0.8	5.1	0.7	6.5	2.0	-26.1
-10	16.5	20.1	11.9	35.9	18.9	10.8	23.2	14.9	27.0	4.5	1.9	9.0	2.8	7.5	2.8	9.1	4.2	-23.3
-5	20.0	24.0	15.2	41.5	22.8	14.0	27.5	18.5	26.5	6.7	4.1	11.8	4.9	10.1	5.0	11.9	6.6	-20.6
0	23.9	28.3	18.9	47.5	26.9	17.5	32.2	22.5	25.9	9.1	6.5	14.8	7.2	13.0	7.4	14.9	9.2	-17.8
5	28.2	33.0	22.9	54.1	31.4	21.2	37.3	26.9	25.3	11.8	9.1	18.1	9.7	16.1	10.1	18.2	12.1	-15.0
10	32.8	38.0	27.3	61.2	36.3	25.4	42.8	31.6	24.6	14.6	11.9	21.7	12.5	19.5	13.0	21.8	15.2	-12.2
15	37.7	43.5	32.0	68.8	41.5	29.9	48.7	36.7	23.7	17.7	15.0	25.5	15.4	23.1	16.2	25.7	18.6	-9.4
20	43.0	49.3	37.2	77.1	47.2	34.7	55.1	42.3	22.8	21.0	18.4	29.6	18.7	27.1	19.6	29.9	22.3	-6.7
25	48.7	55.7	42.7	86.0	53.3	40.0	62.0	48.3	21.8	24.6	22.1	34.0	22.2	31.4	23.4	34.4	26.3	-3.9
30	54.9	62.5	48.7	95.5	59.8	45.7	69.3	54.8	20.7	28.4	26.0	38.7	26.0	36.0	27.4	39.3	30.6	-1.1
35	61.5	69.8	55.2	105.7	66.8	51.9	77.2	61.8	19.5	32.5	30.3	43.8	30.1	40.9	31.8	44.5	35.2	1.7
40	68.5	77.6	62.1	116.6	74.3	58.7	85.6	69.4	18.1	36.9	35.0	49.2	34.5	46.2	36.5	50.1	40.2	4.4
45	76.0	86.0	69.5	128.3	82.3	65.6	94.6	77.4	16.6	41.6	40.0	54.9	39.2	51.8	41.6	56.0	45.6	7.2
50	84.0	94.9	77.5	140.8	90.8	73.3	104.2	86.1	15.0	46.7	45.4	61.0	44.3	57.9	47.0	62.4	51.4	10.0
55	92.5	104.5	86.0	154.1	99.9	81.5	114.4	95.3	13.1	52.0	51.1	67.6	49.8	64.3	52.8	69.2	57.5	12.8
60	101.6	114.6	95.1	168.2	109.6	90.3	125.2	105.2	11.2	57.7	57.3	74.5	55.6	71.2	59.0	76.5	64.1	15.6
65	111.2	125.4	104.8	183.2	119.9	99.6	136.7	115.7	9.0	63.7	63.9	81.8	61.9	78.5	65.7	84.2	71.2	18.3
70	121.4	136.9	115.2	199.2	130.8	109.6	148.8	127.0	6.6	70.2	71.0	89.5	68.6	86.3	72.8	92.3	78.7	21.1
75	132.2	149.1	126.2	216.1	142.4	120.3	161.7	138.9	4.0	76.9	78.6	97.7	75.8	94.5	80.3	101.0	86.7	23.9
80	143.6	162.1	137.8	234.0	154.6	131.6	175.3	151.6	1.2	84.1	86.6	106.4	83.4	103.2	88.4	110.2	95.2	26.7
85	155.7	175.8	150.2	253.0	167.6	143.7	189.7	165.1	0.9	91.7	95.1	115.5	91.5	112.4	96.9	119.8	104.2	29.4
90	168.4	190.2	163.4	273.0	181.2	156.4	204.8	179.3	2.5	99.7	104.2	125.2	100.2	122.2	106.0	130.1	113.8	32.2
95	181.8	205.5	177.4	294.1	195.6	170.0	220.8	194.4	4.2	108.2	113.8	135.3	109.4	132.5	115.6	140.9	123.9	35.0
100	195.9	221.6	192.1	316.4	210.8	184.4	237.6	210.4	6.1	117.1	124.1	146.0	119.2	143.3	125.7	152.3	134.7	37.8
105	210.7	238.5	207.8	339.9	226.8	199.6	255.3	227.4	8.1	126.5	134.9	157.2	129.6	154.8	136.5	164.3	146.0	40.6
110	226.3	256.4	224.4	364.6	243.6	215.7	273.9	245.2	10.3	136.4	146.3	169.0	140.6	166.8	147.8	176.9	158.0	43.3
115	242.7	275.1	241.9	390.5	261.2	232.7	293.5	264.1	12.6	146.7	158.4	181.4	152.3	179.4	159.8	190.1	170.6	46.1
120	259.9	294.7	260.5	417.7	279.7	250.6	314.0	284.0	15.1	157.6	171.1	194.4	164.7	192.7	172.4	204.0	183.9	48.9
125	277.9	315.2	280.1	446.3	299.1	269.5	335.4	305.0	17.7	169.0	184.5	208.0	177.8	206.6	185.7	218.6	197.9	51.7
130	296.8	336.7	300.9	476.3	319.4	289.5	357.9	327.1	20.6	180.9	198.7	222.3	191.6	221.2	199.7	233.9	212.6	54.4
135	316.5	359.2	322.9	507.6	340.7	310.5	381.5	350.5	23.6	193.5	213.6	237.2	206.3	236.5	214.5	250.0	228.1	57.2
140	337.2	382.6	346.2	540.5	362.9	332.6	406.2	375.1	26.8	206.5	229.3	252.9	221.8	252.5	229.9	266.7	244.3	60.0
145	358.8	407.0	370.8	574.8	386.1	355.9	431.9	401.0	30.2	220.2	245.7	269.3	238.2	269.3	246.2	284.3	261.4	62.8
150	381.5	432.4	396.9	610.6	410.3	380.4	458.9	428.3	33.8	234.5	263.0	286.4	255.5	286.8	263.2	302.6	279.3	65.6

Red Numerals (in bold and italics) - Inches Hg. Below 1 ATM

PRESSURE (PSIG)

Sat. Temp (°F)	R-502	R-408A Liquid Pressure	R-402A Liquid Pressure	R-402B Liquid Pressure	R-404A Liquid Pressure	R-507A	Sat. Temp (°C)
-50	<i>0.2</i>	<i>1.6</i>	2.5	1.1	0.6	1.1	-45.6
-45	1.9	1.1	4.9	3.2	2.7	3.3	-42.8
-40	4.1	3.3	7.4	5.6	5.0	5.7	-40.0
-35	6.5	5.6	10.3	8.2	7.6	8.3	-37.2
-30	9.2	8.2	13.4	11.1	10.4	11.2	-34.4
-25	12.1	11.0	16.7	14.2	13.4	14.3	-31.7
-20	15.3	14.1	20.4	17.6	16.8	17.8	-28.9
-15	18.8	17.5	24.5	21.4	20.5	21.6	-26.1
-10	22.6	21.2	28.8	25.4	24.5	25.7	-23.3
-5	26.7	25.2	33.6	29.8	28.8	30.1	-20.6
0	31.1	29.5	38.7	34.6	33.5	34.9	-17.8
5	35.9	34.2	44.2	39.8	38.6	40.2	-15.0
10	41.0	39.3	50.1	45.3	44.0	45.8	-12.2
15	46.5	44.8	56.5	51.3	49.9	51.8	-9.4
20	52.5	50.7	63.4	57.6	56.2	58.3	-6.7
25	58.8	57.0	70.7	64.5	63.0	65.3	-3.9
30	65.6	63.7	78.5	71.8	70.3	72.8	-1.1
35	72.8	71.0	86.9	79.6	78.1	80.8	1.7
40	80.5	78.7	95.8	88.0	86.4	89.3	4.4
45	88.7	87.0	105.3	96.9	95.2	98.4	7.2
50	97.4	95.8	115.4	106.3	104.7	108.1	10.0
55	106.6	105.1	126.1	116.3	114.7	118.5	12.8
60	116.4	115.1	137.4	127.0	125.3	129.4	15.6
65	126.7	125.6	149.4	138.2	136.6	141.1	18.3
70	137.6	136.8	162.1	150.1	148.6	153.4	21.1
75	149.1	148.7	175.5	162.7	161.2	166.4	23.9
80	161.2	161.2	189.7	176.0	174.6	180.2	26.7
85	174.0	174.4	204.6	189.9	188.8	194.8	29.4
90	187.4	188.4	220.2	204.7	203.7	210.1	32.2
95	201.4	203.1	236.8	220.2	219.4	226.3	35.0
100	216.2	218.7	254.2	236.5	235.9	243.4	37.8
105	231.7	235.4	272.4	253.6	253.4	261.3	40.6
110	247.9	252.1	291.6	271.6	271.7	280.2	43.3
115	264.9	270.2	311.7	290.5	290.9	300.0	46.1
120	282.7	289.1	332.8	310.3	311.1	320.8	48.9
125	301.4	308.9	354.9	331.0	332.3	342.6	51.7
130	320.8	329.7	378.1	352.7	354.5	365.5	54.4
135	341.2	351.5	402.4	375.4	377.8	389.4	57.2
140	362.6	374.3	427.8	399.2	402.2	414.5	60.0
145	385.0	398.1	454.4	424.0	427.7	440.7	62.8
150	408.4	423.0	482.3	450.0	454.4	468.1	65.6

Red Numerals (in bold and italics) - Inches Hg. Below 1 ATM

Forane® Refrigerant Cylinder Identification

Type	Color Code	Sizes (Net lbs.)	
R-12	CFC	White	30 (B), 50 (C), 145 (D), 2000
R-502	CFC	Lavender	30 (B), 125 (D)
R-22	HCFC	Light Green	30 (B), 50 (C), 125 (D), 1000, 1750
R-123	HCFC	Light Blue Grey	100 (E), 200 (E)
R-401A	HCFC	Pinkish Red	30 (B), 125 (D)
R-401B	HCFC	Mustard	30 (B), 125 (D)
R-402A	HCFC	Sand	27 (B), 110 (D)
R-402B	HCFC	Olive	13 (B)
R-408A	HCFC	Medium Purple	24 (B), 100 (D), 1300
R-409A	HCFC	Tan	30 (B), 125 (D), 1800
R-134a	HFC	Light Blue	30 (B), 125 (D), 1000, 1750
R-404A	HFC	Orange	24 (B), 100 (D), 1300 tons
R-407A	HFC	Lime Green	25 (B), 115 (D)
R-407C	HFC	Brown	25 (B), 115 (D), 1000, 1600
R-427A	HFC	Green	25 (B) 110 (D)
R-410A	HFC	Rose	25 (B), 100 (D), 850, 1350
R-507A	HFC	Teal	25 (B), 100 (D), 800, 1400

Container Types

Size not to scale

