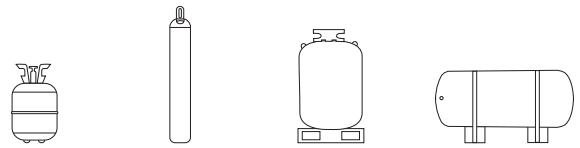
PRESSURE (PSIG)*					
Sat. Temp (°F)	R-454B Liquid Pressure	R-454B Vapor Pressure	R-513A Liquid Pressure	R-513A Vapor Pressure	Sat. Temp (°C)
-50	4.0	3.1	7.9	8.0	-45.6
-45	6.6	5.6	6.9	7.0	-42.8
-40	9.5	8.4	5.7	5.8	-40.0
-35	12.7	11.4	4.4	4.5	-37.2
-30	16.2	14.8	2.9	3.0	-34.4
-25	20.1	18.5	1.3	1.4	-31.7
-20	24.3	22.6	0.5	0.4	-28.9
-15	28.9	27.0	2.4	2.4	-26.1
-10	33.9	31.8	4.6	4.5	-23.3
-5	39.4	37.0	7.0	6.9	-20.6
0	45.3	42.7	9.6	9.5	-17.8
5	51.7	48.8	12.4	12.4	-15.0
10	58.5	55.4	15.5	15.5	-12.2
15	66.0	62.6	18.9	18.8	-9.4
20	73.9	70.3	22.5	22.4	-6.7
25	82.5	78.5	26.4	26.4	-3.9
30	91.7	87.4	30.7	30.6	-1.1
35	101.5	96.9	35.2	35.2	1.7
40	112.0	107.0	40.1	40.1	4.4
45	123.1	117.8	45.4	45.4	7.2
50	135.0	129.3	51.1	51.0	10.0
55	147.7	141.6	57.1	57.1	12.8
60	161.1	154.6	63.5	63.5	15.6
65	175.4	168.5	70.4	70.4	18.3
70	190.5	183.1	77.7	77.7	21.1
75	206.5	198.7	85.5	85.5	23.9
80	223.4	215.2	93.8	93.8	26.7
85	241.2	232.6	102.6	102.6	29.4
90	260.1	251.0	111.9	111.9	32.2
95	279.9	270.4	121.7	121.7	35.0
100	300.8	290.9	132.1	132.1	37.8
105	322.8	312.5	143.1	143.1	40.6
110	345.9	335.2	154.7	154.7	43.3
115	370.2	359.1	166.9	166.9	46.1
120	395.7	384.3	179.8	179.7	48.9
125	422.4	410.8	193.3	193.3	51.7
130	450.5	438.7	207.5	207.5	54.4
135	479.9	468.0	222.5	222.4	57.2
140	510.7	498.8	238.2	238.1	60.0
145	543.0	531.3	254.7	254.6	62.8
150	576.8	565.4	271.9	271.8	65.6

FORANE® REFRIGERANT CYLINDER IDENTIFICATION

REFRIGERANT	COLOR CODE	SIZE IN LBS. (CONTAINER TYPE)
R-22	Light Green	(A), (B), (C) and (D)
R-32	Blue	(A) and (C)
R-134a	Light Blue	(A), (B), (C) and (D)
R-404A	Orange	(A), (B), (C) and (D)
R-407C	Brown	(A), (B), (C) and (D)
R-410A	Rose	(A), (B), (C) and (D)
R-427A	Green	(A) and (B)
R-1233zd	Gray	Standards and ½ Tons (B and C)
R-448A	Gentian Blue	(A)
R-449A	Grayish Blue	(A)
R-452A	Metallic Blue	
R-454B	Gray	(A) and (B)
R-513A	Sky Blue	(A)



13/20/24/25/27/30/50 lbs. **(A)**

100/110/115/125/145 lbs. **(B)**

800/850/950/1,000 lbs. **(C)**

1,300/1,350/1,400/1,600/1,750/1,800/2,000 lbs. **(D)**

Container types drawings not to scale.

FORANE® REFRIGERANTS P/T APP

For a more extensive list of pressure temperatures for new and legacy industry refrigerants, please download the **Forane® Toolbelt App or scan the QR code below.**

- → Interactive pressure/temperature charts
- → Pressure/temperature calculator
- → Product finder
- → Subcooling and superheat calculator
- → Toggle between 8 different languages

Customer Service (US Only): (800) 245-5858
Technical Support (US Only): (800) 738-7695
forane.arkema.com

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PPC/SDC 05-2025

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FORANE® REFRIGERANTS

Pressure Temperature Chart

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See SDS for Health & Safety Considerations.

PRESSURE (PSIG)*																	
Sat. Temp (°F)	R-22	R-32	R-134a	R-404A Liquid Pressure	R-407C Liquid Pressure	R-407C Vapor Pressure	R-410A	R-427A Liquid Pressure	R-427A Vapor Pressure	R-1233zd	R-448A Liquid Pressure	R-448A Vapor Pressure	R-449A Liquid Pressure	R-449A Vapor Pressure	R-452A Liquid Pressure	R-452A Vapor Pressure	Sat. Temp (°C)
-50	**6.1**	5.2	**18.7**	0.5	**2.7**	**11.0**	5.0	**3.5**	**11.4**	**14.1**	0.4	**3.6**	0.1	**3.6**	1.0	**1.6**	-45.6
-45	**2.7**	8.0	**16.9**	2.6	0.6	**8.0**	7.7	0.1	**8.4**	**14.0**	2.5	**1.9**	2.2	**1.9**	3.2	0.3	-42.8
-40	0.6	11.0	**14.8**	4.9	2.7	**4.6**	10.8	2.2	**5.1**	**13.9**	4.9	0.0	4.5	0.0	5.7	2.4	-40.0
-35	2.6	14.4	**12.5**	7.5	5.1	**0.9**	14.1	4.5	**1.5**	**13.8**	7.5	2.1	7.1	2.1	8.3	4.7	-37.2
-30	4.9	18.2	**9.8**	10.3	7.7	1.6	17.8	7.0	1.3	**13.6**	10.4	4.4	9.9	4.4	11.3	7.3	-34.4
-25	7.4	22.3	**6.9**	13.4	10.6	3.9	21.9	9.7	3.5	**13.3**	13.5	7.0	13.0	7.0	14.6	10.1	-31.7
-20	10.2	26.8	**3.7**	16.8	13.7	6.5	26.3	12.8	6.0	**13.0**	17.0	9.8	16.4	9.9	18.1	13.2	-28.9
-15	13.2	31.7	0.0	20.5	17.2	9.3	31.2	16.1	8.7	**12.8**	20.8	13.0	20.1	13.0	22.0	16.7	-26.1
-10	16.5	37.1	1.9	24.6	20.9	12.3	36.5	19.7	11.7	**12.4**	24.9	16.4	24.2	16.4	26.2	20.4	-23.3
-5	20.1	42.9	4.1	28.9	25.0	15.7	42.2	23.6	15.0	**12.1**	29.4	20.2	28.6	20.2	30.8	24.5	-20.6
0	24.0	49.3	6.5	33.7	29.5	19.4	48.4	27.9	18.7	**11.8**	34.2	24.3	33.4	24.3	35.7	28.9	-17.8
5	28.3	56.1	9.1	38.8	34.3	23.5	55.2	32.6	22.6	**11.2**	39.4	28.8	38.5	28.7	41.1	33.7	-15.0
10	32.8	63.5	11.9	44.3	39.5	27.9	62.4	37.6	26.9	**10.8**	45.1	33.6	44.1	33.6	46.9	38.8	-12.2
15	37.8	71.4	15.0	50.2	45.2	32.7	70.3	43.0	31.5	**10.1**	51.2	38.9	50.1	38.8	53.1	44.4	-9.4
20	43.1	80.0	18.4	56.6	51.2	37.9	78.7	48.8	36.6	**9.6**	57.8	44.6	56.6	44.5	59.8	50.5	-6.7
25	48.8	89.2	22.1	63.4	57.7	43.5	87.7	55.0	42.1	**8.9**	64.8	50.7	63.5	50.6	66.9	57.0	-3.9
30	55.0	99.1	26.1	70.7	64.7	49.6	97.4	61.7	48.0	**8.0**	72.3	57.3	70.9	57.1	74.6	64.0	-1.1
35	61.5	109.7	30.4	78.6	72.2	56.1	107.7	68.9	54.3	**7.1**	80.4	64.4	78.9	64.2	82.8	71.4	1.7
40	68.6	121.0	35.0	86.9	80.2	63.2	118.8	76.6	61.2	**6.2**	89.0	72.1	87.4	71.8	91.5	79.4	4.4
45	76.1	133.0	40.1	95.8	88.8	70.7	130.6	84.8	68.5	**5.2**	98.2	80.3	96.4	80.0	100.9	88.0	7.2
50	84.1	145.9	45.4	105.3	97.9	78.8	143.2	93.6	76.4	**4.0**	108.0	89.0	106.1	88.7	110.8	97.1	10.0
55	92.6	159.5	51.2	115.3	107.6	87.5	156.5	102.9	84.8	**2.9**	118.4	98.4	116.3	98.0	121.3	106.9	12.8
60	101.6	174.1	57.4	126.0	118.0	96.8	170.7	112.8	93.8	**1.4**	129.4	108.4	127.2	107.9	132.4	117.3	15.6
65	111.3	189.5	64.0	137.3	128.9	106.7	185.8	123.3	103.4	0.0	141.1	119.0	138.8	118.5	144.3	128.3	18.3
70	121.4	205.8	71.1	149.3	140.5	117.3	201.8	134.4	113.7	1.7	153.5	130.3	151.0	129.7	156.8	140.0	21.1
75	132.2	223.2	78.7	162.0	152.8	128.6	218.7	146.2	124.6	3.3	166.6	142.4	163.9	141.7	170.0	152.4	23.9
80	143.6	241.5	86.7	175.4	165.8	140.5	236.5	158.6	136.1	5.2	180.5	155.1	177.6	154.3	183.9	165.6	26.7
85	155.7	260.9	95.2	189.5	179.6	153.2	255.4	171.8	148.4	7.3	195.1	168.7	192.0	167.8	198.6	179.5	29.4
90	168.4	281.3	104.3	204.5	194.1	166.7	275.4	185.7	161.5	9.6	210.5	183.0	207.2	182.0	214.1	194.3	32.2
95	181.8	302.9	114.0	220.2	209.4	181.0	296.4	200.3	175.3	11.9	226.7	198.2	223.2	197.1	230.4	209.9	35.0
100	195.9	325.7	124.2	236.8	225.5	196.1	318.6	215.8	189.9	14.4	243.7	214.3	240.1	213.1	247.6	226.4	37.8
105	210.8	349.7	135.0	254.2	242.4	212.1	341.9	232.0	205.4	17.1	261.7	231.3	257.8	229.9	265.6	243.7	40.6
110	226.4	374.9	146.4	272.5	260.3	229.0	366.4	249.1	221.7	20.0	280.5	249.2	276.4	247.7	284.5	262.1	43.3
115	242.8	401.4	158.4	291.8	279.0	246.9	392.3	267.0	238.9	23.1	300.2	268.1	295.9	266.5	304.3	281.4	46.1
120	260.0	429.3	171.2	312.1	298.6	265.8	419.4	285.8	257.1	26.4	320.9	288.1	316.3	286.3	325.1	301.8	48.9
125	278.0	458.7	184.6	333.3	319.2	285.7	447.9	305.5	276.3	30.0	342.6	309.1	337.8	307.2	346.8	323.3	51.7
130	296.9	489.5	198.7	355.7	340.7	306.7	477.9	326.2	296.5	33.8	365.3	331.3	360.2	329.2	369.6	345.9	54.4
135	316.7	521.8	213.6	379.1	363.3	328.8	509.4	347.8	317.8	37.8	389.0	354.7	383.7	352.4	393.4	369.8	57.2
140	337.4	555.8	229.2	403.7	387.0	352.1	542.5	370.5	340.3	42.0	413.8	379.3	408.3	376.8	418.3	395.0	60.0
145	359.0	591.4	245.7	429.6	411.7	376.6	577.3	394.1	363.9	46.5	439.7	405.3	433.9	402.5	444.2	421.6	62.8
150	381.7	628.8	262.9	456.8	437.5	402.5	613.9	456.8	467.4	51.2	466.7	432.6	460.7	429.7	471.3	449.8	65.6

Green Numerals in bold - Inches Hg Below 1 ATM *This data was generated using the NIST REFPROP Database (Lemmon, E.W., Huber, M.L., McLinden, M.O. NIST Standard Reference Database 23: Reference Fluid Thermodynamic and Transport Properties-REFPROP, Version 10.0, National Institute of Standards and Technology, StandardReference Data Program, Gaithersburg, 2010)