

**PRESSURE (PSIG)\***

Sat. Temp (°F)	R-22	R-32	R-134a	R-404A Liquid Pressure	R-407C Liquid Pressure
-50	<b>6.1</b>	<b>5.2</b>	<b>18.7</b>	<b>0.5</b>	<b>2.7</b>
-45	<b>2.7</b>	<b>8.0</b>	<b>16.9</b>	<b>2.6</b>	<b>0.6</b>
-40	<b>0.6</b>	<b>11.0</b>	<b>14.8</b>	<b>4.9</b>	<b>2.7</b>
-35	<b>2.6</b>	<b>14.4</b>	<b>12.5</b>	<b>7.5</b>	<b>5.1</b>
-30	<b>4.9</b>	<b>18.2</b>	<b>9.8</b>	<b>10.3</b>	<b>7.7</b>
-25	<b>7.4</b>	<b>22.3</b>	<b>6.9</b>	<b>13.4</b>	<b>10.6</b>
-20	<b>10.2</b>	<b>26.8</b>	<b>3.7</b>	<b>16.8</b>	<b>13.7</b>
-15	<b>13.2</b>	<b>31.7</b>	<b>0.0</b>	<b>20.5</b>	<b>17.2</b>
-10	<b>16.5</b>	<b>37.1</b>	<b>1.9</b>	<b>24.6</b>	<b>20.9</b>
-5	<b>20.1</b>	<b>42.9</b>	<b>4.1</b>	<b>28.9</b>	<b>25.0</b>
0	<b>24.0</b>	<b>49.3</b>	<b>6.5</b>	<b>33.7</b>	<b>29.5</b>
5	<b>28.3</b>	<b>56.1</b>	<b>9.1</b>	<b>38.8</b>	<b>34.3</b>
10	<b>32.8</b>	<b>63.5</b>	<b>11.9</b>	<b>44.3</b>	<b>39.5</b>
15	<b>37.8</b>	<b>71.4</b>	<b>15.0</b>	<b>50.2</b>	<b>45.2</b>
20	<b>43.1</b>	<b>80.0</b>	<b>18.4</b>	<b>56.6</b>	<b>51.2</b>
25	<b>48.8</b>	<b>89.2</b>	<b>22.1</b>	<b>63.4</b>	<b>57.7</b>
30	<b>55.0</b>	<b>99.1</b>	<b>26.1</b>	<b>70.7</b>	<b>64.7</b>
35	<b>61.5</b>	<b>109.7</b>	<b>30.4</b>	<b>78.6</b>	<b>72.2</b>
40	<b>68.6</b>	<b>121.0</b>	<b>35.0</b>	<b>86.9</b>	<b>80.2</b>
45	<b>76.1</b>	<b>133.0</b>	<b>40.1</b>	<b>95.8</b>	<b>88.8</b>
50	<b>84.1</b>	<b>145.9</b>	<b>45.4</b>	<b>105.3</b>	<b>97.9</b>
55	<b>92.6</b>	<b>159.5</b>	<b>51.2</b>	<b>115.3</b>	<b>107.6</b>
60	<b>101.6</b>	<b>174.1</b>	<b>57.4</b>	<b>126.0</b>	<b>118.0</b>
65	<b>111.3</b>	<b>189.5</b>	<b>64.0</b>	<b>137.3</b>	<b>128.9</b>
70	<b>121.4</b>	<b>205.8</b>	<b>71.1</b>	<b>149.3</b>	<b>140.5</b>
75	<b>132.2</b>	<b>223.2</b>	<b>78.7</b>	<b>162.0</b>	<b>152.8</b>
80	<b>143.6</b>	<b>241.5</b>	<b>86.7</b>	<b>175.4</b>	<b>165.8</b>
85	<b>155.7</b>	<b>260.9</b>	<b>95.2</b>	<b>189.5</b>	<b>179.6</b>
90	<b>168.4</b>	<b>281.3</b>	<b>104.3</b>	<b>204.5</b>	<b>194.1</b>
95	<b>181.8</b>	<b>302.9</b>	<b>114.0</b>	<b>220.2</b>	<b>209.4</b>
100	<b>195.9</b>	<b>325.7</b>	<b>124.2</b>	<b>236.8</b>	<b>225.5</b>
105	<b>210.8</b>	<b>349.7</b>	<b>135.0</b>	<b>254.2</b>	<b>242.4</b>
110	<b>226.4</b>	<b>374.9</b>	<b>146.4</b>	<b>272.5</b>	<b>260.3</b>
115	<b>242.8</b>	<b>401.4</b>	<b>158.4</b>	<b>291.8</b>	<b>279.0</b>
120	<b>260.0</b>	<b>429.3</b>	<b>171.2</b>	<b>312.1</b>	<b>298.6</b>
125	<b>278.0</b>	<b>458.7</b>	<b>184.6</b>	<b>333.3</b>	<b>319.2</b>
130	<b>296.9</b>	<b>489.5</b>	<b>198.7</b>	<b>355.7</b>	<b>340.7</b>
135	<b>316.7</b>	<b>521.8</b>	<b>213.6</b>	<b>379.1</b>	<b>363.3</b>
140	<b>337.4</b>	<b>555.8</b>	<b>229.2</b>	<b>403.7</b>	<b>387.0</b>
145	<b>359.0</b>	<b>591.4</b>	<b>245.7</b>	<b>429.6</b>	<b>411.7</b>
150	<b>381.7</b>	<b>628.8</b>	<b>262.9</b>	<b>456.8</b>	<b>437.5</b>

**PRESSURE (PSIG)\***

Sat. Temp (°F)	R-407C Vapor Pressure	R-410A	R-427A Liquid Pressure	R-427A Vapor Pressure	R-1233zd
-50	<b>11.0</b>	<b>5.0</b>	<b>3.5</b>	<b>11.4</b>	<b>14.1</b>
-45	<b>8.0</b>	<b>7.7</b>	<b>0.1</b>	<b>8.4</b>	<b>14.0</b>
-40	<b>4.6</b>	<b>10.8</b>	<b>2.2</b>	<b>5.1</b>	<b>13.9</b>
-35	<b>0.9</b>	<b>14.1</b>	<b>4.5</b>	<b>1.5</b>	<b>13.8</b>
-30	<b>1.6</b>	<b>17.8</b>	<b>7.0</b>	<b>1.3</b>	<b>13.6</b>
-25	<b>3.9</b>	<b>21.9</b>	<b>9.7</b>	<b>3.5</b>	<b>13.3</b>
-20	<b>6.5</b>	<b>26.3</b>	<b>12.8</b>	<b>6.0</b>	<b>13.0</b>
-15	<b>9.3</b>	<b>31.2</b>	<b>16.1</b>	<b>8.7</b>	<b>12.8</b>
-10	<b>12.3</b>	<b>36.5</b>	<b>19.7</b>	<b>11.7</b>	<b>12.4</b>
-5	<b>15.7</b>	<b>42.2</b>	<b>23.6</b>	<b>15.0</b>	<b>12.1</b>
0	<b>19.4</b>	<b>48.4</b>	<b>27.9</b>	<b>18.7</b>	<b>11.8</b>
5	<b>23.5</b>	<b>55.2</b>	<b>32.6</b>	<b>22.6</b>	<b>11.2</b>
10	<b>27.9</b>	<b>62.4</b>	<b>37.6</b>	<b>26.9</b>	<b>10.8</b>
15	<b>32.7</b>	<b>70.3</b>	<b>43.0</b>	<b>31.5</b>	<b>10.1</b>
20	<b>37.9</b>	<b>78.7</b>	<b>48.8</b>	<b>36.6</b>	<b>9.6</b>
25	<b>43.5</b>	<b>87.7</b>	<b>55.0</b>	<b>42.1</b>	<b>8.9</b>
30	<b>49.6</b>	<b>97.4</b>	<b>61.7</b>	<b>48.0</b>	<b>8.0</b>
35	<b>56.1</b>	<b>107.7</b>	<b>68.9</b>	<b>54.3</b>	<b>7.1</b>
40	<b>63.2</b>	<b>118.8</b>	<b>76.6</b>	<b>61.2</b>	<b>6.2</b>
45	<b>70.7</b>	<b>130.6</b>	<b>84.8</b>	<b>68.5</b>	<b>5.2</b>
50	<b>78.8</b>	<b>143.2</b>	<b>93.6</b>	<b>76.4</b>	<b>4.0</b>
55	<b>87.5</b>	<b>156.5</b>	<b>102.9</b>	<b>84.8</b>	<b>2.9</b>
60	<b>96.8</b>	<b>170.7</b>	<b>112.8</b>	<b>93.8</b>	<b>1.4</b>
65	<b>106.7</b>	<b>185.8</b>	<b>123.3</b>	<b>103.4</b>	<b>0.0</b>
70	<b>117.3</b>	<b>201.8</b>	<b>134.4</b>	<b>113.7</b>	<b>1.7</b>
75	<b>128.6</b>	<b>218.7</b>	<b>146.2</b>	<b>124.6</b>	<b>3.3</b>
80	<b>140.5</b>	<b>236.5</b>	<b>158.6</b>	<b>136.1</b>	<b>5.2</b>
85	<b>153.2</b>	<b>255.4</b>	<b>171.8</b>	<b>148.4</b>	<b>7.3</b>
90	<b>166.7</b>	<b>275.4</b>	<b>185.7</b>	<b>161.5</b>	<b>9.6</b>
95	<b>181.0</b>	<b>296.4</b>	<b>200.3</b>	<b>175.3</b>	<b>11.9</b>
100	<b>196.1</b>	<b>318.6</b>	<b>215.8</b>	<b>189.9</b>	<b>14.4</b>
105	<b>212.1</b>	<b>341.9</b>	<b>232.0</b>	<b>205.4</b>	<b>17.1</b>
110	<b>229.0</b>	<b>366.4</b>	<b>249.1</b>	<b>221.7</b>	<b>20.0</b>
115	<b>246.9</b>	<b>392.3</b>	<b>267.0</b>	<b>238.9</b>	<b>23.1</b>
120	<b>265.8</b>	<b>419.4</b>	<b>285.8</b>	<b>257.1</b>	<b>26.4</b>
125	<b>285.7</b>	<b>447.9</b>	<b>305.5</b>	<b>276.3</b>	<b>30.0</b>
130	<b>306.7</b>	<b>477.9</b>	<b>326.2</b>	<b>296.5</b>	<b>33.8</b>
135	<b>328.8</b>	<b>509.4</b>	<b>347.8</b>	<b>317.8</b>	<b>37.8</b>
140	<b>352.1</b>	<b>542.5</b>	<b>370.5</b>	<b>340.3</b>	<b>42.0</b>
145	<b>376.6</b>	<b>577.3</b>	<b>394.1</b>	<b>363.9</b>	<b>46.5</b>
150	<b>402.5</b>	<b>613.9</b>	<b>456.8</b>	<b>467.4</b>	<b>51.2</b>

**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 9.0, National Institute of Standards and Technology, Standard Reference Data Program, Gaithersburg, 2010)



## Pressure Temperature Chart

**FORANE®**  
REFRIGERANTS

**ARKEMA**



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See SDS for Health & Safety Considerations.

PPC/SDC 05-2024

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### Forane® Refrigerant Cylinder Identification

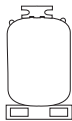
TYPE	HCFC	COLOR CODE	SIZE IN LBS. (CONTAINER TYPE)
R-22	HCFC	Light Green	30 (A), 50 (A), 125 (B), 1,000 (C), 1,750 (D)
R-32	HCFC	Blue	20 (A), 800 (C)
R-134a	HFC	Light Blue	30 (A), 125 (B), 1,000 (C), 1,750 (D)
R-404A	HFC	Orange	20 (A), 24 (A), 100 (B), 800 (C), 1,300 (D)
R-407C	HFC	Brown	25 (A), 115 (B), 950 (C), 1,600 (D)
R-410A	HFC	Rose	20 (A), 25 (A), 100 (B), 850 (C), 1,350 (D)
R-427A	HFC	Green	20 (A), 25 (A) 110 (B)
R-1233zd	HTS	Light Grey	



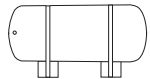
13/20/24/25/  
27/30/50 lbs.  
(A)



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.

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