



TOGETHER WE CAN

Technical Information Sheet

Physical Properties of Refrigerants	R402B
Environmental Classification	HCFC
Molecular Weight	94.7
Boiling Point (1atm, °F)	-52.9
Critical Pressure (psia)	645
Critical Temperature (°F)	180.7
Critical Density(lb./ft ³)	33.1
Liquid Density (20 °F,lb./ft ³)	72.81
Vapor Density (bp,lb./ft ³)	0.328
Heat of Vaporization(bp,BTU/lb.)	90.42
Specific Head Liquid(20 °F, BTU/lb. °F)	0.317
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	0.1741
Ozone Depletion Potential (CFC 11 -1.0)	0.03
Global Warming Potential (CO ₂ = 1.0)	2416
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp Chart

Temp °F	R402B psig
-40	3.6
-35	6
-30	9
-25	12
-20	15.4
-15	18.6
-10	22.6
-5	27
0	31
5	36.0
10	42
15	47
20	54
25	60
30	67
35	75
40	83.4
45	91.6
50	100
55	110
60	120
65	133
70	143
75	155
80	170
85	183
90	198
95	213
100	230
105	247
110	262
115	283
120	303
125	323
130	345
135	-
140	-
145	-
150	-

R402B

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

This information is believed to be accurate and reliable but is provided for guidance only. A-Gas accepts no responsibility and the user assumes all risks and liability for use of this information.