



TOGETHER WE CAN

### Technical Information Sheet

Physical Properties of Refrigerants	R23
Environmental Classification	HFC
Molecular Weight	70
Boiling Point (1atm, °F)	-115.6
Critical Pressure (psia)	701.4
Critical Temperature (°F)	78.7
Critical Density(lb./ft <sup>3</sup> )	32.8
Liquid Density (20 °F, lb./ft <sup>3</sup> )	67.46
Vapor Density (bp, lb./ft <sup>3</sup> )	0.29
Heat of Vaporization(bp, BTU/lb.)	102.7
Specific Head Liquid( 20 °F, BTU/lb. °F)	0.4063
Specific Head Vapor (1atm, 20 °F, BTU/lb. °F)	0.1663
Ozone Depletion Potential (CFC 11 -1.0)	0
Global Warming Potential (CO <sub>2</sub> = 1.0)	14800
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp Chart

Temp °F	R23 psig
-125	7.8"
-120	4.0"
-115	0.3
-110	2.9
-105	5.8
-100	9
-95	12.7
-90	16.7
-85	21.3
-80	26.3
-75	31.8
-70	37.9
-65	44.6
-60	52
-55	60
-50	68.7
-45	78.1
-40	88.3
-35	99.4
-30	111
-25	124
-20	138
-15	152
-10	168
-5	185
0	203
5	222
10	242
15	264
20	287

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**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://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.*