

Physical Properties of Refrigerants	R-236fa
Environmental Classification	
Molecular Weight	152.04
Boiling Point (1atm, °F)	29.408
Critical Pressure (psia)	464.12
Critical Temperature (°F)	256.85
Critical Density (lb./ft ³)	34.416
Liquid Density (77°F, lb./ft ³)	84.89
Vapor Density (77°F and 1 atm, lb./ft ³)	0.4014
Heat of Vaporization (bp, BTU/lb.)	68.97
Specific Heat Liquid (77 °F, BTU/lb. °F)	.3022
Specific Heat Vapor (1atm, 77 °F, BTU/lb. °F)	0.2007
Ozone Depletion Potential (CFC 11 -1.0)	0
Global Warming Potential (CO ₂ = 1.0)	9810
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp
Chart

Temp °F	R-236fa psig
-40	-25.7
-35	-24.9
-30	-24
-25	-23
-20	-21.9
-15	-20.6
-10	-19.1
-5	-17.5
0	-15.6
5	-13.6
10	-11.3
15	-8.8
20	-6
25	-3
30	0.2
35	2
40	4
45	6.1
50	8.5
55	11
60	13.8
65	16.7
70	19.9
75	23.4
80	27.1
85	31
90	35.3
95	39.8
100	44.7
105	49.9
110	55.4
115	61.2
120	67.4
125	74
130	81
135	88.4
140	96.2
145	104.5
150	113.2

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