

DuPont™ ISCEON® MO99™

REFRIGERANTS

Pressure-Temperature Chart: ISCEON® MO99™ (R-438A)

Pressure (psig)	R-22	ISCEON® MO99™	
	Saturated Temperature (°F)	Saturated Liquid (Bubble Point) Temperature (°F)	Saturated Vapor (Dew Point) Temperature (°F)
-6	-60.5	-63.0	-51.5
-5	-56.7	-59.3	-47.8
-4	-53.3	-55.8	-44.5
-3	-50.0	-52.6	-41.3
-2	-47.0	-49.6	-38.4
-1	-44.1	-46.8	-35.6
0	-41.4	-44.2	-33.0
1	-38.9	-41.7	-30.6
2	-36.5	-39.3	-28.2
3	-34.2	-37.0	-26.0
4	-32.0	-34.8	-23.9
5	-29.8	-32.7	-21.8
6	-27.8	-30.7	-19.8
7	-25.8	-28.8	-18.0
8	-24.0	-26.9	-16.1
9	-22.1	-25.1	-14.4
10	-20.4	-23.4	-12.6
12	-17.0	-20.1	-9.4
14	-13.8	-16.9	-6.3
16	-10.8	-13.9	-3.4
18	-7.9	-11.1	-0.6
20	-5.2	-8.4	2.0
22	-2.5	-5.8	4.6
24	0.0	-3.4	7.0
26	2.4	-1.0	9.3
28	4.7	1.3	11.6
30	6.9	3.5	13.7
32	9.1	5.7	15.8
34	11.2	7.7	17.8
36	13.2	9.7	19.8
38	15.2	11.7	21.7
40	17.1	13.6	23.5
42	19.0	15.4	25.3
44	20.8	17.2	27.1
46	22.6	18.9	28.8
48	24.3	20.6	30.4
50	26.0	22.3	32.1
52	27.6	23.9	33.7
54	29.2	25.5	35.2
56	30.8	27.0	36.7
58	32.4	28.6	38.2
60	33.9	30.1	39.6
62	35.3	31.5	41.1
64	36.8	32.9	42.5
66	38.2	34.3	43.8
68	39.6	35.7	45.2
70	41.0	37.1	46.5
75	44.3	40.3	49.7
80	47.5	43.5	52.7
85	50.6	46.5	55.7
90	53.5	49.4	58.5
95	56.4	52.2	61.2

Pressure (psig)	R-22	ISCEON® MO99™	
	Saturated Temperature (°F)	Saturated Liquid (Bubble Point) Temperature (°F)	Saturated Vapor (Dew Point) Temperature (°F)
100	59.1	54.9	63.9
105	61.8	57.5	66.4
110	64.4	60.1	68.9
115	66.9	62.6	71.3
120	69.3	65.0	73.6
125	71.7	67.3	75.9
130	74.0	69.6	78.1
135	76.2	71.8	80.3
140	78.4	73.9	82.4
145	80.6	76.0	84.4
150	82.7	78.1	86.4
155	84.7	80.1	88.4
160	86.7	82.1	90.3
165	88.7	84.0	92.1
170	90.6	85.9	94.0
175	92.5	87.8	95.8
180	94.3	89.6	97.5
185	96.2	91.4	99.2
190	97.9	93.1	100.9
195	99.7	94.8	102.6
200	101.4	96.5	104.2
205	103.1	98.2	105.8
210	104.8	99.8	107.4
215	106.4	101.4	108.9
220	108.0	103.0	110.5
225	109.6	104.6	112.0
230	111.1	106.1	113.4
235	112.7	107.6	114.9
240	114.2	109.1	116.3
245	115.7	110.5	117.7
250	117.1	112.0	119.1
255	118.6	113.4	120.5
260	120.0	114.8	121.8
265	121.4	116.2	123.1
270	122.8	117.6	124.4
275	124.2	118.9	125.7
280	125.5	120.3	127.0
285	126.9	121.6	128.3
290	128.2	122.9	129.5
295	129.5	124.2	130.7
300	130.8	125.4	131.9
310	133.3	127.9	134.3
320	135.8	130.4	136.6
330	138.2	132.7	138.9
340	140.6	135.1	141.1
350	142.9	137.4	143.3
360	145.2	139.6	145.4
370	147.5	141.8	147.5
380	149.6	143.9	149.5
390	151.8	146.1	151.5
400	153.9	148.1	153.4

For Further Information: (877) 683-3566

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