

Opteon™ XP44 Pressure-Temperature Data (Eng)

P	Sat Liq T	Sat Vap T	P	Sat Liq T	Sat Vap T	P	Sat Liq T	Sat Vap T
psig	°F	°F	psig	°F	°F	psig	°F	°F
-2.456	-59.3	-52.5	66	24.1	31.5	190	81.8	88.8
-1.228	-55.9	-49.0	68	25.5	32.9	195	83.5	90.4
0	-52.7	-45.8	70	26.8	34.2	200	85.2	92.1
1	-50.2	-43.3	72	28.1	35.5	205	86.8	93.7
2	-47.9	-40.9	74	29.4	36.8	210	88.4	95.2
3	-45.6	-38.7	76	30.7	38.0	215	90.0	96.8
4	-43.5	-36.5	78	31.9	39.2	220	91.6	98.3
5	-41.5	-34.5	80	33.1	40.5	225	93.1	99.8
6	-39.5	-32.5	82	34.3	41.7	230	94.6	101.3
7	-37.6	-30.6	84	35.5	42.8	235	96.1	102.7
8	-35.8	-28.8	86	36.6	44.0	240	97.6	104.1
9	-34.0	-27.0	88	37.8	45.1	245	99.0	105.5
10	-32.3	-25.3	90	38.9	46.3	250	100.4	106.9
11	-30.7	-23.6	92	40.0	47.4	255	101.8	108.3
12	-29.1	-22.0	94	41.1	48.5	260	103.2	109.6
13	-27.5	-20.4	96	42.2	49.5	265	104.6	111.0
14	-26.0	-18.9	98	43.3	50.6	270	105.9	112.3
15	-24.5	-17.4	100	44.3	51.6	275	107.3	113.6
16	-23.1	-16.0	102	45.4	52.7	280	108.6	114.8
17	-21.7	-14.5	104	46.4	53.7	285	109.9	116.1
18	-20.3	-13.2	106	47.4	54.7	290	111.2	117.3
19	-19.0	-11.8	108	48.4	55.7	295	112.4	118.5
20	-17.7	-10.5	110	49.4	56.7	300	113.7	119.8
21	-16.4	-9.2	112	50.4	57.7	305	114.9	120.9
22	-15.2	-8.0	114	51.3	58.6	310	116.1	122.1
23	-13.9	-6.7	116	52.3	59.6	315	117.3	123.3
24	-12.8	-5.5	118	53.2	60.5	320	118.5	124.4
25	-11.6	-4.3	120	54.2	61.4	325	119.7	125.6
26	-10.4	-3.2	122	55.1	62.4	330	120.9	126.7
27	-9.3	-2.0	124	56.0	63.3	335	122.0	127.8
28	-8.2	-0.9	126	56.9	64.2	340	123.2	128.9
29	-7.1	0.2	128	57.8	65.0	345	124.3	130.0
30	-6.0	1.2	130	58.7	65.9	350	125.5	131.0
32	-3.9	3.3	132	59.6	66.8	355	126.6	132.1
34	-1.9	5.4	134	60.4	67.6	360	127.7	133.1
36	0.1	7.3	136	61.3	68.5	365	128.8	134.2
38	2.0	9.3	138	62.1	69.3	370	129.8	135.2
40	3.8	11.1	140	63.0	70.2	375	130.9	136.2
42	5.6	12.9	142	63.8	71.0	380	132.0	137.2
44	7.4	14.7	144	64.7	71.8	385	133.0	138.2
46	9.1	16.4	146	65.5	72.6	390	134.0	139.2
48	10.7	18.1	148	66.3	73.4	395	135.1	140.1
50	12.3	19.7	150	67.1	74.2	400	136.1	141.1
52	13.9	21.3	155	69.1	76.2	410	138.1	143.0
54	15.5	22.8	160	71.0	78.1	420	140.1	144.8
56	17.0	24.4	165	72.9	80.0	430	142.0	146.6
58	18.5	25.8	170	74.8	81.8	440	144.0	148.4
60	19.9	27.3	175	76.6	83.6	450	145.8	150.1
62	21.4	28.7	180	78.4	85.3	460	147.7	151.8
64	22.8	30.1	185	80.1	87.1	470	149.5	153.5

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Temp	Sat Liq P	Sat Vap P	Temp	Sat Liq P	Sat Vap P	Temp	Sat Liq P	Sat Vap P
°F	psig	psig	°F	psig	psig	°F	psig	psig
-44	3.8	0.7	21	61.5	51.6	86	202.4	181.9
-43	4.2	1.1	22	62.9	52.9	87	205.5	184.8
-42	4.7	1.5	23	64.3	54.2	88	208.6	187.7
-41	5.2	2.0	24	65.8	55.5	89	211.8	190.7
-40	5.7	2.4	25	67.3	56.9	90	214.9	193.7
-39	6.3	2.9	26	68.8	58.2	91	218.2	196.8
-38	6.8	3.3	27	70.3	59.6	92	221.4	199.8
-37	7.3	3.8	28	71.8	61.0	93	224.7	202.9
-36	7.9	4.3	29	73.4	62.4	94	228.0	206.1
-35	8.4	4.7	30	75.0	63.8	95	231.3	209.3
-34	9.0	5.2	31	76.6	65.3	96	234.7	212.5
-33	9.6	5.7	32	78.2	66.7	97	238.1	215.7
-32	10.2	6.3	33	79.8	68.2	98	241.5	219.0
-31	10.8	6.8	34	81.5	69.7	99	245.0	222.3
-30	11.4	7.3	35	83.2	71.3	100	248.5	225.7
-29	12.1	7.9	36	84.9	72.8	101	252.0	229.1
-28	12.7	8.4	37	86.6	74.4	102	255.6	232.5
-27	13.3	9.0	38	88.4	76.0	103	259.2	236.0
-26	14.0	9.6	39	90.2	77.6	104	262.9	239.5
-25	14.7	10.2	40	92.0	79.2	105	266.6	243.0
-24	15.4	10.8	41	93.8	80.9	106	270.3	246.6
-23	16.1	11.4	42	95.6	82.6	107	274.0	250.2
-22	16.8	12.0	43	97.5	84.3	108	277.8	253.9
-21	17.5	12.6	44	99.4	86.0	109	281.6	257.6
-20	18.2	13.3	45	101.3	87.8	110	285.5	261.3
-19	19.0	13.9	46	103.2	89.5	111	289.4	265.1
-18	19.8	14.6	47	105.2	91.3	112	293.3	269.0
-17	20.5	15.3	48	107.2	93.2	113	297.3	272.8
-16	21.3	16.0	49	109.2	95.0	114	301.3	276.7
-15	22.1	16.7	50	111.2	96.9	115	305.4	280.7
-14	23.0	17.4	51	113.3	98.8	116	309.5	284.6
-13	23.8	18.1	52	115.4	100.7	117	313.6	288.7
-12	24.6	18.9	53	117.5	102.6	118	317.7	292.7
-11	25.5	19.6	54	119.6	104.6	119	321.9	296.9
-10	26.4	20.4	55	121.8	106.6	120	326.2	301.0
-9	27.3	21.2	56	124.0	108.6	121	330.5	305.2
-8	28.2	22.0	57	126.2	110.6	122	334.8	309.5
-7	29.1	22.8	58	128.4	112.7	123	339.1	313.8
-6	30.0	23.6	59	130.7	114.8	124	343.5	318.1
-5	31.0	24.4	60	133.0	116.9	125	348.0	322.5
-4	31.9	25.3	61	135.3	119.1	126	352.5	326.9
-3	32.9	26.2	62	137.6	121.2	127	357.0	331.4
-2	33.9	27.0	63	140.0	123.4	128	361.5	335.9
-1	34.9	27.9	64	142.4	125.7	129	366.1	340.5
0	35.9	28.8	65	144.8	127.9	130	370.8	345.1
1	37.0	29.8	66	147.3	130.2	131	375.5	349.8
2	38.0	30.7	67	149.8	132.5	132	380.2	354.5
3	39.1	31.7	68	152.3	134.8	133	385.0	359.3
4	40.2	32.6	69	154.8	137.2	134	389.8	364.1
5	41.3	33.6	70	157.4	139.6	135	394.6	369.0
6	42.4	34.6	71	160.0	142.0	136	399.5	373.9
7	43.6	35.6	72	162.6	144.4	137	404.5	378.9
8	44.8	36.7	73	165.3	146.9	138	409.4	384.0
9	45.9	37.7	74	167.9	149.4	139	414.5	389.1
10	47.1	38.8	75	170.7	152.0	140	419.5	394.2
11	48.3	39.9	76	173.4	154.5	141	424.6	399.4
12	49.6	41.0	77	176.2	157.1	142	429.8	404.7
13	50.8	42.1	78	179.0	159.8	143	435.0	410.0
14	52.1	43.2	79	181.8	162.4	144	440.2	415.4
15	53.4	44.4	80	184.6	165.1	145	445.5	420.9
16	54.7	45.5	81	187.5	167.8	146	450.8	426.4
17	56.0	46.7	82	190.5	170.6	147	456.2	432.0
18	57.3	47.9	83	193.4	173.3	148	461.6	437.6
19	58.7	49.1	84	196.4	176.2	149	467.1	443.3
20	60.1	50.4	85	199.4	179.0	150	472.6	449.1

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