

# Opteon™ XP40 Pressure-Temperature Data (Eng)

P (psig)	Sat Liq T (°F)	Sat Vap T (°F)	P (psig)	Sat Liq T (°F)	Sat Vap T (°F)	P (psig)	Sat Liq T (°F)	Sat Vap T (°F)
-4.7	-64.6	-53.5	145.3	67.4	76.6	295.3	114.6	122.3
-1.7	-55.3	-44.3	148.3	68.6	77.8	298.3	115.3	123.0
1.3	-47.6	-36.7	151.3	69.8	79.0	301.3	116.1	123.8
4.3	-41.0	-30.1	154.3	71.0	80.2	304.3	116.8	124.5
7.3	-35.1	-24.3	157.3	72.1	81.3	307.3	117.5	125.2
10.3	-29.8	-19.1	160.3	73.3	82.4	310.3	118.3	125.9
13.3	-25.0	-14.4	163.3	74.4	83.5	313.3	119.0	126.6
16.3	-20.6	-10.0	166.3	75.6	84.6	316.3	119.7	127.2
19.3	-16.5	-6.0	169.3	76.7	85.7	319.3	120.4	127.9
22.3	-12.7	-2.2	172.3	77.8	86.8	322.3	121.1	128.6
25.3	-9.1	1.4	175.3	78.9	87.8	325.3	121.8	129.3
28.3	-5.7	4.7	178.3	79.9	88.9	328.3	122.5	129.9
31.3	-2.5	7.9	181.3	81.0	89.9	331.3	123.2	130.6
34.3	0.5	10.9	184.3	82.0	90.9	334.3	123.9	131.3
37.3	3.5	13.8	187.3	83.1	91.9	337.3	124.6	131.9
40.3	6.2	16.5	190.3	84.1	92.9	340.3	125.3	132.6
43.3	8.9	19.2	193.3	85.1	93.9	343.3	126.0	133.2
46.3	11.5	21.7	196.3	86.1	94.9	346.3	126.6	133.8
49.3	14.0	24.2	199.3	87.1	95.9	349.3	127.3	134.5
52.3	16.4	26.5	202.3	88.1	96.8	352.3	128.0	135.1
55.3	18.7	28.8	205.3	89.1	97.8	355.3	128.6	135.7
58.3	20.9	31.0	208.3	90.0	98.7	358.3	129.3	136.4
61.3	23.1	33.1	211.3	91.0	99.6	361.3	130.0	137.0
64.3	25.2	35.2	214.3	91.9	100.5	364.3	130.6	137.6
67.3	27.2	37.2	217.3	92.9	101.4	367.3	131.3	138.2
70.3	29.2	39.2	220.3	93.8	102.3	370.3	131.9	138.8
73.3	31.2	41.1	223.3	94.7	103.2	373.3	132.5	139.4
76.3	33.0	43.0	226.3	95.6	104.1	376.3	133.2	140.0
79.3	34.9	44.8	229.3	96.5	105.0	379.3	133.8	140.6
82.3	36.7	46.5	232.3	97.4	105.8	382.3	134.4	141.2
85.3	38.4	48.3	235.3	98.3	106.7	385.3	135.1	141.8
88.3	40.2	50.0	238.3	99.2	107.5	388.3	135.7	142.4
91.3	41.9	51.6	241.3	100.1	108.4	391.3	136.3	143.0
94.3	43.5	53.2	244.3	100.9	109.2	394.3	136.9	143.5
97.3	45.1	54.8	247.3	101.8	110.0	397.3	137.5	144.1
100.3	46.7	56.4	250.3	102.6	110.9	400.3	138.1	144.7
103.3	48.2	57.9	253.3	103.5	111.7	403.3	138.7	145.2
106.3	49.8	59.4	256.3	104.3	112.5	406.3	139.3	145.8
109.3	51.3	60.9	259.3	105.1	113.3	409.3	139.9	146.4
112.3	52.7	62.3	262.3	105.9	114.1	412.3	140.5	146.9
115.3	54.2	63.7	265.3	106.8	114.8	415.3	141.1	147.5
118.3	55.6	65.1	268.3	107.6	115.6	418.3	141.7	148.0
121.3	57.0	66.5	271.3	108.4	116.4	421.3	142.3	148.6
124.3	58.4	67.8	274.3	109.2	117.1	424.3	142.9	149.1
127.3	59.7	69.1	277.3	109.9	117.9	427.3	143.5	149.7
130.3	61.0	70.4	280.3	110.7	118.7	430.3	144.1	150.2
133.3	62.3	71.7	283.3	111.5	119.4	433.3	144.6	150.7
136.3	63.6	73.0	286.3	112.3	120.1	436.3	145.2	151.3
139.3	64.9	74.2	289.3	113.0	120.9	439.3	145.8	151.8
142.3	66.1	75.4	292.3	113.8	121.6	442.3	146.3	152.3

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Temp (°F)	Sat Liq P (psig)	Sat Vap P (psig)	Temp (°F)	Sat Liq P (psig)	Sat Vap P (psig)	Temp (°F)	Sat Liq P (psig)	Sat Vap P (psig)
-40	4.8	-0.1	25	64.0	50.4	90	208.2	181.6
-39	5.3	0.3	26	65.5	51.7	91	211.4	184.5
-38	5.8	0.8	27	67.0	52.9	92	214.5	187.5
-37	6.3	1.2	28	68.5	54.3	93	217.7	190.5
-36	6.8	1.6	29	70.0	55.6	94	221.0	193.6
-35	7.4	2.0	30	71.5	56.9	95	224.3	196.6
-34	7.9	2.5	31	73.1	58.3	96	227.6	199.8
-33	8.5	2.9	32	74.6	59.7	97	230.9	202.9
-32	9.0	3.4	33	76.2	61.1	98	234.3	206.1
-31	9.6	3.9	34	77.9	62.6	99	237.7	209.3
-30	10.2	4.4	35	79.5	64.0	100	241.1	212.6
-29	10.8	4.9	36	81.2	65.5	101	244.6	215.9
-28	11.4	5.4	37	82.8	67.0	102	248.1	219.2
-27	12.0	5.9	38	84.5	68.5	103	251.7	222.6
-26	12.7	6.4	39	86.3	70.0	104	255.3	226.0
-25	13.3	6.9	40	88.0	71.6	105	258.9	229.4
-24	14.0	7.5	41	89.8	73.2	106	262.5	232.9
-23	14.7	8.0	42	91.6	74.8	107	266.2	236.4
-22	15.3	8.6	43	93.4	76.4	108	270.0	240.0
-21	16.0	9.2	44	95.2	78.0	109	273.7	243.6
-20	16.7	9.8	45	97.1	79.7	110	277.5	247.2
-19	17.5	10.4	46	99.0	81.4	111	281.4	250.9
-18	18.2	11.0	47	100.9	83.1	112	285.2	254.6
-17	18.9	11.6	48	102.8	84.8	113	289.1	258.3
-16	19.7	12.3	49	104.8	86.6	114	293.1	262.1
-15	20.5	12.9	50	106.8	88.4	115	297.1	266.0
-14	21.3	13.6	51	108.8	90.2	116	301.1	269.8
-13	22.1	14.2	52	110.8	92.0	117	305.2	273.7
-12	22.9	14.9	53	112.9	93.9	118	309.3	277.7
-11	23.7	15.6	54	115.0	95.8	119	313.4	281.7
-10	24.6	16.3	55	117.1	97.7	120	317.6	285.7
-9	25.4	17.0	56	119.2	99.6	121	321.8	289.8
-8	26.3	17.8	57	121.4	101.6	122	326.0	294.0
-7	27.2	18.5	58	123.5	103.5	123	330.3	298.1
-6	28.1	19.3	59	125.8	105.5	124	334.7	302.4
-5	29.0	20.1	60	128.0	107.6	125	339.0	306.6
-4	29.9	20.8	61	130.3	109.6	126	343.5	310.9
-3	30.8	21.7	62	132.5	111.7	127	347.9	315.3
-2	31.8	22.5	63	134.9	113.8	128	352.4	319.7
-1	32.8	23.3	64	137.2	116.0	129	356.9	324.1
0	33.8	24.1	65	139.6	118.1	130	361.5	328.6
1	34.8	25.0	66	142.0	120.3	131	366.1	333.2
2	35.8	25.9	67	144.4	122.5	132	370.8	337.8
3	36.8	26.8	68	146.8	124.8	133	375.5	342.4
4	37.9	27.7	69	149.3	127.0	134	380.3	347.1
5	39.0	28.6	70	151.8	129.3	135	385.0	351.8
6	40.0	29.5	71	154.4	131.7	136	389.9	356.6
7	41.1	30.5	72	156.9	134.0	137	394.7	361.5
8	42.3	31.4	73	159.5	136.4	138	399.7	366.3
9	43.4	32.4	74	162.2	138.8	139	404.6	371.3
10	44.6	33.4	75	164.8	141.3	140	409.6	376.3
11	45.7	34.4	76	167.5	143.7	141	414.7	381.3
12	46.9	35.4	77	170.2	146.2	142	419.8	386.4
13	48.1	36.5	78	172.9	148.8	143	424.9	391.6
14	49.4	37.6	79	175.7	151.3	144	430.1	396.8
15	50.6	38.6	80	178.5	153.9	145	435.3	402.1
16	51.9	39.7	81	181.3	156.6	146	440.6	407.4
17	53.1	40.8	82	184.2	159.2	147	445.9	412.8
18	54.4	42.0	83	187.1	161.9	148	451.2	418.2
19	55.7	43.1	84	190.0	164.6	149	456.6	423.7
20	57.1	44.3	85	193.0	167.4	150	462.1	429.3
21	58.4	45.5	86	196.0	170.1			
22	59.8	46.7	87	199.0	173.0			
23	61.2	47.9	88	202.0	175.8			
24	62.6	49.1	89	205.1	178.7			

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