

Opteon™ XP10 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
-2.5	-27.8	-27.5	66	62.2	62.2	190	124.0	124.0
-1.2	-24.1	-23.8	68	63.7	63.7	195	125.8	125.8
0	-20.6	-20.4	70	65.1	65.1	200	127.6	127.6
1	-17.9	-17.8	72	66.5	66.5	205	129.3	129.3
2	-15.4	-15.2	74	67.9	67.9	210	131.0	131.0
3	-13.0	-12.8	76	69.2	69.2	215	132.7	132.7
4	-10.7	-10.6	78	70.5	70.5	220	134.3	134.4
5	-8.5	-8.4	80	71.8	71.8	225	136.0	136.0
6	-6.4	-6.2	82	73.1	73.1	230	137.6	137.6
7	-4.4	-4.2	84	74.4	74.4	235	139.1	139.2
8	-2.4	-2.3	86	75.6	75.6	240	140.7	140.7
9	-0.5	-0.4	88	76.9	76.9	245	142.2	142.2
10	1.4	1.5	90	78.1	78.1	250	143.7	143.8
11	3.1	3.3	92	79.3	79.3	255	145.2	145.2
12	4.9	5.0	94	80.5	80.5	260	146.7	146.7
13	6.6	6.7	96	81.6	81.6	265	148.1	148.2
14	8.2	8.3	98	82.8	82.8	270	149.5	149.6
15	9.8	9.9	100	83.9	83.9	275	150.9	151.0
16	11.3	11.4	102	85.0	85.0	280	152.3	152.4
17	12.8	12.9	104	86.1	86.1	285	153.7	153.7
18	14.3	14.4	106	87.2	87.2	290	155.1	155.1
19	15.8	15.8	108	88.3	88.3	295	156.4	156.4
20	17.2	17.2	110	89.3	89.3	300	157.7	157.8
21	18.5	18.6	112	90.4	90.4	305	159.0	159.1
22	19.9	19.9	114	91.4	91.4	310	160.3	160.3
23	21.2	21.3	116	92.4	92.4	315	161.6	161.6
24	22.5	22.6	118	93.4	93.4	320	162.8	162.9
25	23.8	23.8	120	94.4	94.4	325	164.1	164.1
26	25.0	25.1	122	95.4	95.4	330	165.3	165.4
27	26.2	26.3	124	96.4	96.4	335	166.5	166.6
28	27.4	27.5	126	97.4	97.4	340	167.7	167.8
29	28.6	28.6	128	98.3	98.3	345	168.9	169.0
30	29.8	29.8	130	99.3	99.3	350	170.1	170.1
32	32.0	32.0	132	100.2	100.2	355	171.3	171.3
34	34.2	34.2	134	101.1	101.1	360	172.4	172.5
36	36.3	36.3	136	102.1	102.1	365	173.5	173.6
38	38.3	38.4	138	103.0	103.0	370	174.7	174.7
40	40.3	40.4	140	103.9	103.9	375	175.8	175.8
42	42.3	42.3	142	104.8	104.8	380	176.9	176.9
44	44.2	44.2	144	105.6	105.7	385	178.0	178.0
46	46.0	46.0	146	106.5	106.5	390	179.1	179.1
48	47.8	47.8	148	107.4	107.4	395	180.1	180.2
50	49.5	49.6	150	108.2	108.3	400	181.2	181.2
52	51.2	51.3	155	110.4	110.4	410	183.3	183.3
54	52.9	52.9	160	112.4	112.4	420	185.3	185.4
56	54.5	54.6	165	114.5	114.5	430	187.4	187.4
58	56.1	56.2	170	116.4	116.4	440	189.3	189.4
60	57.7	57.7	175	118.4	118.4	450	191.3	191.3
62	59.2	59.3	180	120.3	120.3	460	193.2	193.2
64	60.7	60.8	185	122.1	122.2	470	195.0	195.1

Opteon™ XP10 Temperature-Pressure Data (Eng)

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
-40	-5.9	-6.0	24	25.2	25.1	89	109.4	109.4
-39	-5.6	-5.7	25	26.0	26.0	90	111.3	111.3
-38	-5.4	-5.5	26	26.8	26.8	91	113.2	113.2
-37	-5.1	-5.2	27	27.6	27.6	92	115.2	115.2
-36	-4.9	-4.9	28	28.5	28.4	93	117.1	117.1
-35	-4.6	-4.7	29	29.3	29.3	94	119.1	119.1
-34	-4.3	-4.4	30	30.2	30.2	95	121.1	121.1
-33	-4.0	-4.1	31	31.1	31.1	96	123.2	123.2
-32	-3.7	-3.8	32	32.0	32.0	97	125.2	125.2
-31	-3.4	-3.5	33	32.9	32.9	98	127.3	127.3
-30	-3.1	-3.2	34	33.8	33.8	99	129.4	129.4
-29	-2.8	-2.9	35	34.8	34.7	100	131.5	131.5
-28	-2.5	-2.6	36	35.7	35.7	101	133.7	133.7
-27	-2.2	-2.3	37	36.7	36.6	102	135.9	135.9
-26	-1.9	-2.0	38	37.7	37.6	103	138.1	138.1
-25	-1.5	-1.6	39	38.6	38.6	104	140.3	140.3
-24	-1.2	-1.3	40	39.7	39.6	105	142.5	142.5
-23	-0.9	-0.9	41	40.7	40.7	106	144.8	144.8
-22	-0.5	-0.6	42	41.7	41.7	107	147.1	147.1
-21	-0.1	-0.2	43	42.8	42.7	108	149.4	149.4
-20	0.2	0.1	44	43.8	43.8	109	151.8	151.8
-19	0.6	0.5	45	44.9	44.9	110	154.1	154.1
-18	1.0	0.9	46	46.0	46.0	111	156.5	156.5
-17	1.4	1.3	47	47.1	47.1	112	159.0	158.9
-16	1.8	1.7	48	48.2	48.2	113	161.4	161.4
-15	2.2	2.1	49	49.4	49.4	114	163.9	163.8
-14	2.6	2.5	50	50.5	50.5	115	166.4	166.3
-13	3.0	2.9	51	51.7	51.7	116	168.9	168.9
-12	3.4	3.4	52	52.9	52.9	117	171.4	171.4
-11	3.9	3.8	53	54.1	54.1	118	174.0	174.0
-10	4.3	4.3	54	55.3	55.3	119	176.6	176.6
-9	4.8	4.7	55	56.6	56.5	120	179.3	179.2
-8	5.2	5.2	56	57.8	57.8	121	181.9	181.9
-7	5.7	5.6	57	59.1	59.1	122	184.6	184.6
-6	6.2	6.1	58	60.4	60.4	123	187.3	187.3
-5	6.7	6.6	59	61.7	61.7	124	190.0	190.0
-4	7.2	7.1	60	63.0	63.0	125	192.8	192.8
-3	7.7	7.6	61	64.3	64.3	126	195.6	195.6
-2	8.2	8.1	62	65.7	65.7	127	198.4	198.4
-1	8.7	8.7	63	67.1	67.1	128	201.3	201.2
0	9.3	9.2	64	68.5	68.5	129	204.2	204.1
1	9.8	9.7	65	69.9	69.9	130	207.1	207.0
2	10.4	10.3	66	71.3	71.3	131	210.0	209.9
3	10.9	10.9	67	72.7	72.7	132	213.0	212.9
4	11.5	11.4	68	74.2	74.2	133	216.0	215.9
5	12.1	12.0	69	75.7	75.7	134	219.0	218.9
6	12.7	12.6	70	77.2	77.2	135	222.1	222.0
7	13.3	13.2	71	78.7	78.7	136	225.1	225.1
8	13.9	13.8	72	80.2	80.2	137	228.3	228.2
9	14.5	14.4	73	81.8	81.8	138	231.4	231.3
10	15.1	15.1	74	83.4	83.4	139	234.6	234.5
11	15.8	15.7	75	85.0	85.0	140	237.8	237.7
12	16.4	16.4	76	86.6	86.6	141	241.0	240.9
13	17.1	17.1	77	88.2	88.2	142	244.3	244.2
14	17.8	17.7	78	89.9	89.9	143	247.6	247.5
15	18.5	18.4	79	91.5	91.5	144	250.9	250.8
16	19.2	19.1	80	93.2	93.2	145	254.3	254.2
17	19.9	19.8	81	94.9	94.9	146	257.7	257.6
18	20.6	20.6	82	96.7	96.7	147	261.1	261.0
19	21.3	21.3	83	98.4	98.4	148	264.6	264.5
20	22.1	22.0	84	100.2	100.2	149	268.1	268.0
21	22.8	22.8	85	102.0	102.0	150	271.6	271.5
22	23.6	23.6	86	103.8	103.8			
23	24.4	24.4	87	105.7	105.7			
24	25.2	25.1	88	107.5	107.5			

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