R-32 PT Chart

Gauge & Wire

Saturation pressure in psig. * = inches of mercury vacuum.

°F	°C	psig	°F	°C	psig	°F	°C	psig	°F	°C	psig
-40	**-40.0**	**11.0**	8	-13.3	60.5	56	13.3	162.4	104	40.0	344.8
-39	-39.4	11.7	9	-12.8	62.0	57	13.9	165.2	105	40.6	349.6
-38	-38.9	12.4	**10**	**-12.2**	**63.5**	58	14.4	168.1	106	41.1	354.6
-37	-38.3	13.0	11	-11.7	65.0	59	15.0	171.1	107	41.7	359.6
-36	-37.8	13.7	12	-11.1	66.6	**60**	**15.6**	**174.0**	108	42.2	364.6
-35	-37.2	14.4	13	-10.6	68.2	61	16.1	177.1	109	42.8	369.7
-34	-36.7	15.2	14	-10.0	69.8	62	16.7	180.1	**110**	**43.3**	**374.9**
-33	-36.1	15.9	15	-9.4	71.4	63	17.2	183.2	111	43.9	380.1
-32	-35.6	16.6	16	-8.9	73.1	64	17.8	186.3	112	44.4	385.3
-31	-35.0	17.4	17	-8.3	74.8	65	18.3	189.5	113	45.0	390.7
-30	**-34.4**	**18.2**	18	-7.8	76.5	66	18.9	192.7	114	45.6	396.0
-29	-33.9	19.0	19	-7.2	78.3	67	19.4	195.9	115	46.1	401.4
-28	-33.3	19.8	**20**	**-6.7**	**80.0**	68	20.0	199.2	116	46.7	406.9
-27	-32.8	20.6	21	-6.1	81.8	69	20.6	202.5	117	47.2	412.4
-26	-32.2	21.5	22	-5.6	83.6	**70**	**21.1**	**205.8**	118	47.8	418.0
-25	-31.7	22.3	23	-5.0	85.5	71	21.7	209.2	119	48.3	423.7
-24	-31.1	23.2	24	-4.4	87.3	72	22.2	212.6	**120**	**48.9**	**429.3**
-23	-30.6	24.1	25	-3.9	89.2	73	22.8	216.1	121	49.4	435.1
-22	-30.0	25.0	26	-3.3	91.1	74	23.3	219.6	122	50.0	440.9
-21	-29.4	25.9	27	-2.8	93.1	75	23.9	223.2	123	50.6	446.8
-20	**-28.9**	**26.8**	28	-2.2	95.1	76	24.4	226.7	124	51.1	452.7
-19	-28.3	27.8	29	-1.7	97.1	77	25.0	230.4	125	51.7	458.7
-18	-27.8	28.7	**30**	**-1.1**	**99.1**	78	25.6	234.0	126	52.2	464.7
-17	-27.2	29.7	31	-0.6	101.2	79	26.1	237.7	127	52.8	470.8
-16	-26.7	30.7	32	0.0	103.2	**80**	**26.7**	**241.5**	128	53.3	477.0
-15	-26.1	31.7	33	0.6	105.3	81	27.2	245.3	129	53.9	483.2
-14	-25.6	32.8	34	1.1	107.5	82	27.8	249.1	**130**	**54.4**	**489.5**
-13	-25.0	33.8	35	1.7	109.7	83	28.3	253.0	131	55.0	495.8
-12	-24.4	34.9	36	2.2	111.9	84	28.9	256.9	132	55.6	502.2
-11	-23.9	36.0	37	2.8	114.1	85	29.4	260.9	133	56.1	508.7
-10	**-23.3**	**37.1**	38	3.3	116.3	86	30.0	264.9	134	56.7	515.2
-9	-22.8	38.2	39	3.9	118.6	87	30.6	268.9	135	57.2	521.8
-8	-22.2	39.4	**40**	**4.4**	**121.0**	88	31.1	273.0	136	57.8	528.5
-7	-21.7	40.5	41	5.0	123.3	89	31.7	277.1	137	58.3	535.2
-6	-21.1	41.7	42	5.6	125.7	**90**	**32.2**	**281.3**	138	58.9	542.0
-5	-20.6	42.9	43	6.1	128.1	91	32.8	285.5	139	59.4	548.8
-4	-20.0	44.2	44	6.7	130.5	92	33.3	289.8	**140**	**60.0**	**555.8**
-3	-19.4	45.4	45	7.2	133.0	93	33.9	294.1	141	60.6	562.8
-2	-18.9	46.7	46	7.8	135.5	94	34.4	298.5	142	61.1	569.8
-1	-18.3	47.9	47	8.3	138.0	95	35.0	302.9	143	61.7	576.9
0	**-17.8**	**49.3**	48	8.9	140.6	96	35.6	307.4	144	62.2	584.1
1	-17.2	50.6	49	9.4	143.2	97	36.1	311.9	145	62.8	591.4
2	-16.7	51.9	**50**	**10.0**	**145.8**	98	36.7	316.4	146	63.3	598.7
3	-16.1	53.3	51	10.6	148.5	99	37.2	321.0	147	63.9	606.2
4	-15.6	54.7	52	11.1	151.2	**100**	**37.8**	**325.7**	148	64.4	613.6
5	-15.0	56.1	53	11.7	153.9	101	38.3	330.4	149	65.0	621.2
6	-14.4	57.5	54	12.2	156.7	102	38.9	335.1	**150**	**65.6**	**628.8**
7	-13.9	59.0	55	12.8	159.5	103	39.4	339.9			

Source: calculated with CoolProp 8.1.0 (reference equation of state).
Checked against: Arkema (max difference 0.05 psi).
Gauge pressure relative to 14.696 psia (sea level). Reference only: follow the equipment manufacturer's charging instructions.