

# RS-44 PRESSURE/TEMPERATURE COMPARISON

VALUES SHOWN: HG" AND PSIG \*DENOTES HG"

03/21/2023

TEMPERATURE		R-22	RS-44 LIQUID BUBBLE PT.	RS-44 VAPOR DEW PT.
C	F	PSIG	PSIG	PSIG
-50	-58	11.4*	11.8*	16.6*
-48	-54.4	9.4*	9.9*	15.1*
-46	-50.8	7.2*	7.8*	13.4*
-44	-47.2	4.8*	5.5*	11.5*
-42	-43.6	2.2*	3.0*	9.5*
-40	-40	0.3	0.3*	7.3*
-38	-36.4	1.8	1.2	4.9*
-36	-32.8	3.4	2.7	2.3*
-34	-29.2	5.1	4.4	0.2
-32	-25.6	6.9	6.1	1.7
-30	-22	8.9	8	3.3
-28	-18.4	11	10	5
-26	-14.8	13.2	12.1	6.9
-24	-11.2	15.6	14.4	8.8
-22	-7.6	18.1	16.7	10.9
-20	-4	20.8	19.3	13.2
-18	0.4	24.3	22	15.6
-16	3.2	26.7	24.9	18.1
-14	6.8	29.9	27.9	20.8
-12	10.4	33.3	31.2	23.7
-10	14	36.8	34.6	26.8
-8	17.6	40.6	38.2	30
-6	21.2	44.6	42	33.5
-4	24.8	48.7	45.9	37.1
-2	28.4	53.1	50.2	40.9
0	32	57.7	54.6	45
2	35.6	62.5	59.2	49.3
4	39.2	67.6	64.1	53.8
6	42.8	72.9	69.2	58.5
8	46.4	78.4	74.6	63.5
10	50	84.2	80.2	68.8
12	53.6	90.3	86.1	74.3
14	57.2	96.6	92.2	80
16	60.8	103.3	98.6	86.1
18	64.4	110.2	105.4	92.4
20	68	117.4	112.4	99
22	71.6	124.9	119.7	106
24	75.2	132.7	127.3	113.2
26	78.8	140.8	135.2	120.8
28	82.4	149.3	143.4	128.7
30	86	158.1	152	136.9
32	89.6	167.2	161	145.5
34	93.2	176.7	170.2	154.5
36	96.8	186.6	179.9	163.8
38	100.4	196.8	189.9	173.5
40	104	207.4	200.3	183.6
42	107.6	218.4	211.1	194.1
44	111.2	229.8	222.2	205
46	114.8	241.7	233.8	216.4
48	118.4	253.9	245.8	228.2
50	122	266.6	258.2	240.4
52	125.6	279.7	271.1	253.1
54	129.2	293.3	284.4	266.3

56	132.8		307.4		298.2	280
58	136.4		321.9		312.5	294.2
60	140		337		327.2	308.9