

Kuhlman Incorporated

Industrial Refrigeration Since 1957

Design • Installations • Sales • Service • Parts

Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG	Temp °F	Pressure PSIA	PSIG
-60	5.6	18.6	-36	11.7	6.1	-14	21.4	6.7	9	37.6	22.9	31	61.0	46.3	54	96.2	81.5	76	143.0	128.3	99	208.6	193.9
-58	5.9	17.8	-35	12.1	5.4	-13	22.0	7.3	10	38.5	23.8	32	62.3	47.6	55	98.1	83.4	77	145.4	130.7	100	211.9	197.2
-57	6.1	17.4	-34	12.4	4.7	-12	22.6	7.9	11	39.4	24.7	33	63.6	48.9	56	99.9	85.2	78	147.9	133.2	101	215.2	200.5
-56	6.3	17.0	-33	12.8	3.9	-11	23.2	8.4	12	40.3	25.6	34	64.9	50.2	57	101.8	87.1	79	150.5	135.8	102	218.6	203.9
-55	6.5	16.6	-32	13.1	3.2	-10	23.7	9.0	13	41.2	26.5	35	66.3	51.6	58	103.7	89.0	80	153.0	138.3	103	222.0	207.3
-54	6.8	16.2	-31	13.5	2.4	-9	24.4	9.6	14	42.2	27.5	36	67.6	52.9	59	105.6	90.9	81	155.6	140.9	104	225.4	210.7
-53	7.0	15.7	-30	13.9	1.6	-8	25.0	10.3	15	43.1	28.4	37	69.0	54.3	60	107.6	92.9	82	158.3	143.6	105	228.9	214.2
-52	7.2	15.3	-29	14.3	0.8	-7	25.6	10.9	16	44.1	29.4	38	70.4	55.7	61	109.6	94.9	83	161.0	146.3	106	232.5	217.8
-51	7.4	14.8	-28	14.7	0.0	-6	26.3	11.6	17	45.1	30.4	39	71.9	57.2	62	111.6	96.9	84	163.7	149.0	107	236.0	221.3
-50	7.7	14.3	-27	15.1	0.4	-5	26.9	12.2	18	46.1	31.4	40	73.3	58.6	63	113.6	98.9	85	166.4	151.7	108	239.7	225.0
-49	7.9	13.8	-26	15.6	0.8	-4	27.6	12.9	19	47.2	32.5	41	74.8	60.1	64	115.7	101.0	86	169.2	154.5	109	243.3	228.6
-48	8.2	13.3	-25	16.0	1.3	-3	28.3	13.6	20	48.2	33.5	42	76.3	61.6	65	117.8	103.1	87	172.0	157.3	110	247.0	232.3
-47	8.4	12.8	-24	16.4	1.7	-2	29.0	14.3	21	49.3	34.6	43	77.8	63.1	66	120.0	105.3	88	174.8	160.1	111	250.8	236.1
-46	8.7	12.2	-23	16.9	2.2	-1	29.7	15.0	22	50.4	35.7	44	79.4	64.7	67	122.1	107.4	89	177.7	163.0	112	254.5	239.8
-45	9.0	11.7	-22	17.3	2.6	0	30.4	15.7	23	51.5	36.8	45	81.0	66.3	68	124.3	109.6	90	180.6	165.9	113	258.4	243.7
-44	9.2	11.1	-21	17.8	3.1	1	31.2	16.5	24	52.6	37.9	46	82.6	67.8	69	126.5	111.8	91	183.6	168.9	114	262.2	247.5
-43	9.5	10.6	-20	18.3	3.6	2	31.9	17.2	25	53.7	39.0	47	84.2	69.5	70	128.8	114.1	92	186.6	171.9	115	266.2	251.5
-42	9.8	10.0	-19	18.8	4.1	3	32.7	18.0	26	54.9	40.2	48	85.8	71.1	71	131.1	116.4	93	189.6	174.9	116	270.1	255.4
-41	10.1	9.3	-18	19.3	4.6	4	33.5	18.8	27	56.1	41.4	49	87.5	72.8	72	133.4	118.7	94	192.7	178.0	117	274.1	259.4
-40	10.4	8.7	-17	19.8	5.1	5	34.3	19.6	28	57.3	42.6	50	89.2	74.5	73	135.7	121.0	95	195.8	181.1	118	278.2	263.5
-39	10.7	8.1	-16	20.3	5.6	6	35.1	20.4	29	58.5	43.8	51	90.9	76.2	74	138.1	123.4	96	198.9	184.2	119	282.3	267.6
-38	11.0	7.4	-15	20.9	6.2	7	35.9	21.2	30	59.7	45.0	52	92.7	78.0	75	140.5	125.8	97	202.1	187.4	120	286.4	271.7
-37	11.4	6.8				8	36.8	22.1				53	94.4	79.7				98	205.3	190.6			

P/T CHART - AMMONIA (NH₃)

Pressure values shown in red indicate vacuum, measured in inches of mercury (inHg)

REFRIGERATION SERVICE

Weekdays 8:00 am to 4:30 pm

☎ (262) 252-9400



EMERGENCY SERVICE

Nights - Weekends - Holidays

☎ (262) 821-8068