

CONDENSING Pressure psig and Corresponding Temperature °F ↓			REFRIGERANT 717 (AMMONIA) <i>Filter.</i>										BASED ON 1200 RPM	
			COMPRESSOR MODEL											
			SUCTION		442		444		446		448		4412	
Temp. °F	Press. psig	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	
95# 61.1°	-25	1.3	6.4	13.6	12.9	25.8	19.3	37.8	25.8	49.1	38.7	72.3	51.6	95.5
	-20	3.6	8.0	14.5	16.0	27.4	24.0	40.2	32.1	52.3	48.1	76.9	64.2	101.5
	-15	6.2	9.8	15.4	19.7	29.4	29.5	42.9	39.5	55.9	59.2	82.3	79.0	108.5
	-10	9.0	11.9	16.5	23.8	31.4	35.7	45.9	47.6	59.6	71.4	87.7	95.2	114.0
	-5	12.2	14.1	17.8	28.2	33.7	42.3	49.3	56.5	64.2	84.7	94.5	113.0	124.5
	0	15.7	16.5	19.1	33.1	36.2	49.6	53.0	66.2	68.9	99.3	101.2	133.2	134.0
	5	19.6	19.3	20.2	38.7	38.2	58.0	56.0	77.5	72.9	116.2	107.0	155.0	141.7
	10	23.8	22.4	20.8	44.8	39.6	67.2	57.9	89.6	75.3	134.4	110.8	179.2	146.1
	15	28.4	25.6	20.9	51.3	39.6	76.9	58.0	102.6	75.4	153.9	110.8	205.2	146.3
	20	32.5	28.4	20.4	56.8	38.8	85.2	57.0	113.7	74.0	170.5	108.9	227.4	144.0
	25	39.0	32.7	19.1	65.5	36.3	98.2	53.2	131.0	69.2	196.5	101.8	262.4	134.3
	30	45.0	36.9	17.2	73.8	32.6	110.7	47.9	147.6	62.4	221.4	91.8	295.2	121.1
115# 70.4°	-25	1.3	5.9	14.3	11.9	27.2	17.8	39.7	23.9	51.7	35.8	76.1	47.8	100.2
	-20	3.6	7.5	15.4	15.0	29.3	22.5	42.9	30.1	55.8	45.1	82.2	60.2	108.2
	-15	6.2	9.3	16.7	18.6	32.6	27.9	46.2	37.2	60.2	55.8	88.5	74.4	117.0
	-10	9.0	11.2	18.0	22.5	34.1	33.7	49.9	45.0	64.9	67.5	99.3	90.0	126.0
	-5	12.2	13.4	19.3	26.8	36.7	40.2	53.7	53.6	69.9	80.4	102.8	107.2	135.8
	0	15.7	15.7	20.6	31.4	39.2	47.1	59.3	62.8	74.6	93.8	109.7	124.8	145.0
	5	19.6	18.4	21.8	36.8	41.4	54.3	60.5	73.6	78.8	110.4	116.0	147.2	153.0
	10	23.8	21.3	22.7	42.6	43.2	63.9	63.0	85.2	82.2	127.8	120.9	170.4	159.5
	15	28.4	24.4	23.1	48.8	43.9	73.2	64.3	97.6	83.6	146.4	122.8	195.2	162.2
	20	32.5	27.1	23.1	54.2	43.9	81.3	64.4	108.5	83.7	162.7	123.0	217.0	162.4
	25	39.0	31.3	22.6	62.7	42.9	94.0	62.8	125.4	81.8	188.1	120.2	250.8	158.8
	30	45.0	35.3	21.7	70.6	41.2	105.9	60.3	141.3	78.5	211.9	115.3	282.6	152.2
135# 78.7°	-25	1.3	5.5	15.2	11.1	27.8	16.6	42.2	22.3	54.8	33.4	80.7	44.6	106.7
	-20	3.6	7.0	16.4	14.1	31.1	21.1	45.6	28.3	59.3	42.4	87.3	56.6	115.0
	-15	6.2	8.9	17.8	17.9	33.8	26.8	49.6	35.8	64.4	53.7	94.5	71.6	125.0
	-10	9.0	10.6	19.2	21.2	36.6	31.8	53.6	42.5	69.6	63.7	102.3	85.0	135.2
	-5	12.2	12.7	20.7	25.4	39.4	38.1	57.7	50.8	75.0	76.2	110.2	101.6	145.9
	0	15.7	14.9	22.1	29.9	42.0	44.8	61.6	59.8	80.0	89.7	117.6	119.6	155.2
	5	19.6	17.5	23.2	35.0	44.2	52.5	64.9	70.0	84.3	105.0	123.8	140.0	163.8
	10	23.8	20.2	24.3	40.4	46.3	60.6	67.9	80.9	88.2	121.3	129.8	161.8	171.2
	15	28.4	23.2	25.2	46.4	47.8	69.6	70.2	92.8	91.1	139.2	134.0	185.6	177.0
	20	32.5	25.8	25.5	51.6	48.5	77.4	71.3	103.2	92.5	154.8	136.0	206.4	180.0
	25	39.0	30.0	25.6	60.0	49.0	90.0	72.0	120.0	93.4	180.0	137.2	240.0	181.3
	30	45.0	33.7	25.8	67.5	49.2	101.2	72.2	135.0	93.7	202.5	137.8	270.0	182.0
155# 86.1°	-25	1.3	5.1	15.6	10.2	29.6	15.3	43.5	20.4	56.4	30.6	82.9	40.8	109.7
	-20	3.6	6.5	16.9	13.1	32.1	19.6	47.1	26.2	61.1	39.3	89.8	52.4	118.8
	-15	6.2	8.1	18.3	16.3	34.8	24.4	51.0	32.6	66.3	48.9	97.5	65.2	128.8
	-10	9.0	9.9	19.8	19.9	37.7	29.8	55.3	39.9	71.8	59.8	105.6	79.8	139.4
	-5	12.2	12.0	21.4	24.0	40.6	36.0	58.6	48.0	77.4	72.0	113.8	96.0	150.2
	0	15.7	14.2	22.8	28.4	43.4	42.6	63.7	56.8	82.6	85.2	121.5	113.6	160.3
	5	19.6	16.6	24.2	33.3	46.1	49.9	67.5	66.7	87.7	100.0	129.0	133.4	170.2
	10	23.8	19.2	25.4	38.5	48.3	57.7	70.8	77.1	91.9	115.6	135.0	154.2	178.3
	15	28.4	22.1	26.3	44.3	50.0	66.4	73.3	88.6	95.2	132.9	140.0	177.2	185.0
	20	32.5	24.7	26.8	49.4	51.0	74.1	75.0	98.8	97.2	148.2	143.0	197.6	188.8
	25	39.0	28.7	27.2	57.5	51.8	86.2	76.0	115.0	98.6	172.5	145.0	230.0	191.3
	30	45.0	32.3	27.3	64.7	51.9	97.0	76.1	129.4	98.8	194.1	145.2	258.8	192.0

Ratings above line for extrapolation only.

CONDENSING Pressure psig and Corresponding Temperature °F			REFRIGERANT 717 (AMMONIA)		<i>Filter.</i>		BASED ON 1200 RPM							
			COMPRESSOR MODEL											
SUCTION		442		444		446		448		4412		4416		
Temp. °F	Press. psig	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	TONS	BHP	
165# 89.6°	-15	6.2	7.8	18.8	15.7	35.8	23.5	52.5	31.4	68.2	47.1	100.2	62.8	132.3
	-10	9.0	9.6	20.3	19.2	38.6	28.8	56.7	38.4	73.6	57.6	108.3	76.8	143.0
	-5	12.2	11.6	21.7	23.2	41.4	34.8	60.6	46.4	78.7	69.8	115.8	92.8	153.0
	0	15.7	13.7	23.1	27.5	44.0	41.2	64.5	55.0	83.7	82.5	123.1	110.0	162.3
	5	19.6	16.1	24.6	32.3	46.7	48.4	68.5	64.7	89.0	97.0	131.0	129.4	172.8
	10	23.8	18.8	25.9	37.6	49.3	56.4	72.3	75.2	93.8	112.8	138.0	150.4	182.0
	15	28.4	21.6	26.9	43.3	51.1	64.9	75.0	86.6	97.4	129.9	143.3	173.2	189.0
	20	33.5	24.1	27.4	48.3	52.2	72.4	76.6	96.6	99.4	144.9	146.0	193.2	193.8
	25	39.0	28.2	27.9	56.4	53.1	84.6	77.7	112.8	101.0	169.2	148.6	225.6	196.0
	30	45.0	31.6	28.0	63.3	53.2	94.9	77.9	126.6	101.2	189.9	148.9	253.2	196.4
175# 93.0°	-15	6.2	7.6	19.3	15.2	36.8	22.8	53.9	30.4	69.9	45.6	102.8	60.8	135.8
	-10	9.0	9.3	20.8	18.6	39.6	27.9	58.0	37.2	75.4	55.8	110.9	74.4	146.2
	-5	12.2	11.2	22.3	22.5	42.4	33.7	62.0	45.0	80.6	67.5	118.3	90.0	156.2
	0	15.7	13.4	23.7	26.8	45.0	40.2	66.0	53.7	85.7	80.5	126.0	107.4	166.3
	5	19.6	15.8	25.2	31.6	47.7	47.4	70.0	63.3	91.0	94.9	134.0	126.6	176.7
	10	23.8	18.4	26.4	36.8	50.2	55.2	73.5	73.7	95.5	110.5	140.4	147.4	185.2
	15	28.4	21.2	27.4	42.4	52.2	63.6	76.6	84.9	99.4	127.3	146.0	169.8	193.6
	20	33.5	23.7	28.1	47.4	53.4	71.1	78.3	94.8	101.7	142.2	149.6	189.6	197.3
	25	39.0	27.6	28.9	55.3	55.0	82.9	80.5	110.6	104.6	165.9	154.0	221.2	203.0
	30	45.0	31.1	29.3	62.2	55.9	93.3	81.8	124.5	106.2	186.7	156.2	249.0	206.0
185# 96.2°	-15	6.2	7.3	19.6	14.7	37.2	22.0	54.6	29.4	71.0	44.1	104.2	58.8	138.0
	-10	9.0	9.0	21.1	18.0	40.2	27.0	58.7	36.0	76.4	54.0	112.0	72.0	148.0
	-5	12.2	10.9	22.6	21.8	42.9	32.7	62.8	43.7	81.7	65.5	120.0	87.4	158.5
	0	15.7	13.1	24.1	26.2	45.8	39.3	67.1	52.4	87.2	78.6	128.0	104.8	169.0
	5	19.6	15.5	25.6	31.1	48.7	46.6	71.4	62.2	92.8	93.3	136.2	124.4	180.0
	10	23.8	18.0	26.9	36.1	51.4	54.1	75.2	72.2	97.7	108.3	143.6	144.4	189.5
	15	28.4	20.8	28.0	41.6	53.4	62.4	78.3	83.3	101.6	124.9	149.3	166.6	198.0
	20	33.5	23.2	28.9	46.5	54.9	69.7	80.4	93.0	104.4	139.5	154.8	186.0	203.5
	25	39.0	27.0	29.8	54.1	56.7	81.1	83.4	108.3	108.0	162.4	159.0	216.6	210.0
	30	45.0	30.6	30.7	61.2	58.4	91.8	85.7	122.5	111.1	183.7	163.5	245.0	216.5
205# 102.3°	-5	12.2	10.3	23.6	20.7	44.8	31.0	65.7	41.5	85.4	62.2	125.5	83.0	165.5
	0	15.7	12.4	25.2	25.0	47.9	37.5	70.2	50.0	91.2	75.0	134.0	100.0	177.0
	5	19.6	14.8	26.6	29.6	50.6	44.4	74.2	59.2	96.4	88.8	141.7	118.4	186.7
	10	23.8	17.3	27.9	34.7	53.3	52.0	78.0	69.5	101.2	104.2	149.0	139.0	197.5
	15	28.4	20.0	29.1	40.1	55.5	60.1	81.2	80.3	105.6	120.4	155.0	160.6	206.0
	20	33.5	22.5	30.1	45.0	57.3	67.5	84.0	90.0	109.0	135.0	160.0	180.0	212.3
	25	39.0	26.3	31.4	52.6	59.8	78.9	87.7	105.2	113.8	157.8	167.3	210.4	222.0
225# 108.0°	20	33.5	21.7	31.5	43.4	60.0	65.1	88.0	86.9	114.2	130.3	168.1	173.8	223.0
	25	39.0	25.4	33.0	50.9	62.7	76.3	92.0	101.9	119.4	152.8	175.5	203.8	233.0
	30	45.0	28.9	34.1	57.9	65.0	86.8	95.2	115.8	123.8	173.7	182.0	231.6	241.5
	35	51.6	32.7	35.6	65.4	67.7	98.1	99.2	130.8	128.8	196.2	189.7	261.6	251.0

Ratings above line for extrapolation only.