



920 and 920R Series: kW

	Model	922 922R	923 923R	924 924R	925 925R	926 926R	927 927R	928 928R	930 930R
Connection Size		5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	2-5/8"	3-1/8"
Refrigerant	Temp °C	kW @ 37.8°C Condensing 5.6°C Superheat 0° Subcooling							
R-1234yf	4.4	19.0	26.4	47.5	72.2	123.5	168.4	281.3	478.2
	-1.1	15.3	21.3	38.4	58.4	100.0	136.3	227.7	387.1
	-6.7	12.3	17.1	30.8	46.9	80.2	109.4	182.8	310.7
	-12.2	9.8	13.6	24.5	37.3	63.8	87.0	145.4	247.1
	-17.8	7.7	10.7	19.3	29.4	50.3	68.5	114.5	194.7
	-23.3	6.3	8.8	15.8	24.0	41.0	55.9	93.4	158.7
	-28.9	4.6	6.4	11.6	17.6	30.2	41.1	68.7	116.8
	-34.4	3.5	4.9	8.8	13.4	22.9	31.3	52.2	88.8
-40	2.6	3.7	6.6	10.0	17.2	23.4	39.2	66.6	
R-1234ze	4.4	15.0	20.8	37.5	57.0	97.5	132.9	222.0	377.5
	-1.1	12.0	16.7	30.0	45.7	78.2	106.6	178.1	302.8
	-6.7	9.5	13.3	23.9	36.3	62.2	84.7	141.6	240.7
	-12.2	7.5	10.4	18.8	28.6	48.9	66.7	111.4	189.3
	-17.8	5.8	8.1	14.6	22.2	38.1	51.9	86.7	147.3
	-23.3	4.5	6.2	11.2	17.1	29.3	39.9	66.6	113.3
	-28.9	3.4	4.7	8.5	13.0	22.2	30.3	50.6	86.0
	-34.4	2.6	3.5	6.4	9.7	16.6	22.7	37.9	64.4
-40	1.9	2.6	4.7	7.2	12.3	16.7	27.9	47.4	
R-134a	7.22	22.2	30.9	55.6	84.5	144.6	197.1	330.0	559.9
	4.4	20.0	27.8	50.0	76.1	130.3	177.6	296.7	504.3
	-1.1	16.2	22.5	40.5	61.6	105.4	143.6	240.0	408.0
	-6.7	12.9	18.0	32.4	49.2	84.3	114.9	192.0	326.4
	-12.2	10.3	14.3	25.7	39.0	66.8	91.1	152.2	258.7
	-17.8	8.1	11.2	20.2	30.7	52.6	71.7	119.8	203.6
	-23.3	6.2	8.7	15.6	23.8	40.7	55.4	92.6	157.4
	-28.9	4.8	6.7	12.1	18.3	31.4	42.8	71.5	121.6
	-34.4	3.6	5.0	9.1	13.8	23.6	32.2	53.8	91.4
-40	2.7	3.8	6.8	10.3	17.6	24.0	40.0	68.1	
R-22	4.4	31.1	43.2	77.8	118.3	202.4	275.9	461.0	783.7
	-1.1	25.8	35.9	64.6	98.3	168.2	229.2	383.0	651.2
	-6.7	21.3	29.6	53.2	81.0	138.6	188.9	315.6	536.6
	-12.2	17.4	24.2	43.5	66.2	113.2	154.4	257.9	438.5
	-17.8	14.1	19.6	35.3	53.6	91.8	125.2	209.1	355.5
	-23.3	11.3	15.7	28.3	43.1	73.7	100.5	167.9	285.5
	-28.9	9.0	12.5	22.5	34.3	58.7	80.0	133.6	227.1
	-34.4	7.1	9.8	17.7	26.9	46.1	62.8	104.9	178.3
-40	5.5	7.7	13.8	21.0	35.9	48.9	81.7	139.0	
R-290	See "920 and 920R Series: Natural Refrigerants" Chart								

	Model	922 922R	923 923R	924 924R	925 925R	926 926R	927 927R	928 928R	930 930R
Connection Size		5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	2-5/8"	3-1/8"
Refrigerant	Temp °C	kW @ 37.8°C Condensing 5.6°C Superheat 0° Subcooling							
R-401A MP-39	10	24.5	34.1	61.4	93.3	159.7	217.7	363.7	618.4
	4.4	20.1	28.0	50.4	76.7	131.2	178.9	298.9	508.2
	-1.1	16.4	22.8	41.1	62.5	107.0	145.9	243.8	414.4
	-6.7	13.3	18.5	33.2	50.6	86.5	117.9	197.1	335.0
	-12.2	10.6	14.8	26.6	40.5	69.3	94.5	157.8	268.3
	-17.8	8.4	11.7	21.1	32.1	54.9	74.9	125.1	212.7
	-23.3	6.6	9.2	16.6	25.2	43.1	58.7	98.1	166.8
	-28.9	5.1	7.1	12.8	19.5	33.4	45.5	76.0	129.2
	-34.4	3.9	5.4	9.8	14.9	25.5	34.8	58.1	98.8
-40	2.9	4.1	7.4	11.2	19.2	26.2	43.8	74.4	
R-402A HP-80	4.4	34.2	47.5	85.5	130.0	222.5	303.3	506.8	861.6
	-1.1	28.1	39.1	70.4	107.0	183.2	249.8	417.3	709.4
	-6.7	23.0	32.0	57.5	87.5	149.8	204.2	341.1	579.9
	-12.2	18.6	25.9	46.7	71.0	121.5	165.6	276.6	470.3
	-17.8	15.0	20.8	37.5	57.0	97.6	133.1	222.4	378.0
	-23.3	11.9	16.6	29.9	45.4	77.7	106.0	177.1	301.0
	-28.9	9.4	13.1	23.5	35.8	61.2	83.5	139.5	237.1
	-34.4	7.3	10.2	18.3	27.9	47.7	65.0	108.7	184.7
	-40	5.6	7.8	14.1	21.4	36.7	50.0	83.6	142.1
R-404A	4.4	31.7	44.1	79.3	120.6	206.5	281.5	470.3	799.6
	-1.1	26.4	36.7	66.1	100.4	171.9	234.4	391.6	665.7
	-6.7	21.1	29.3	52.8	80.3	137.4	187.3	312.9	531.9
	-12.2	17.0	23.6	42.5	64.7	110.7	150.9	252.2	428.7
	-17.8	13.6	18.9	34.0	51.7	88.5	120.6	201.5	342.5
	-23.3	10.7	14.9	26.9	40.9	70.0	95.4	159.4	270.9
	-28.9	8.4	11.7	21.1	32.0	54.8	74.7	124.8	212.1
	-34.4	6.5	9.0	16.3	24.8	42.4	57.7	96.5	164.0
	-40	5.0	6.9	12.4	18.9	32.4	44.1	73.7	125.3
R-407A	4.4	29.8	41.4	74.5	113.2	193.8	264.2	441.4	750.4
	-1.1	24.2	33.7	60.7	92.2	157.9	215.2	359.6	611.4
	-6.7	19.6	27.2	49.0	74.5	127.6	173.9	290.6	494.1
	-12.2	15.7	21.8	39.3	59.7	102.2	139.3	232.8	395.7
	-17.8	12.4	17.3	31.1	47.4	81.0	110.5	184.6	313.8
	-23.3	8.4	11.6	20.9	31.8	54.5	74.3	124.1	211.0
	-28.9	7.6	10.5	18.9	28.8	49.3	67.2	112.3	190.9
	-34.4	5.8	8.1	14.5	22.0	37.7	51.4	86.0	146.1
	-40	4.4	6.1	10.9	16.6	28.5	38.8	64.9	110.3
R-407C	4.4	28.4	39.5	71.1	108.2	185.1	252.4	421.7	716.8
	-1.1	23.2	32.2	58.0	88.1	150.8	205.6	343.5	584.0
	-6.7	18.7	26.0	46.8	71.2	121.9	166.1	277.6	471.9
	-12.2	15.0	20.8	37.5	57.0	97.6	133.0	222.2	377.8
	-17.8	11.9	16.5	29.7	45.1	77.2	105.3	175.9	299.1
	-23.3	9.3	12.9	23.3	35.4	60.5	82.5	137.9	234.4
	-28.9	7.2	10.1	18.1	27.5	47.1	64.2	107.2	182.3
	-34.4	5.5	7.7	13.8	21.0	35.9	48.9	81.7	138.9
	-40	4.3	5.9	10.7	16.2	27.7	37.8	63.1	107.3

	Model	922	923	924	925	926	927	928	930
		922R	923R	924R	925R	926R	927R	928R	930R
Connection Size		5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	2-5/8"	3-1/8"
Refrigerant	Temp °C	kW @ 37.8°C Condensing 5.6°C Superheat 0° Subcooling							
R-407F	4.4	31.5	43.9	78.9	120.0	205.4	280.0	467.9	795.4
	-1.1	25.8	35.8	64.5	98.1	167.9	228.9	382.4	650.1
	-6.7	20.9	29.1	52.4	79.6	136.3	185.8	310.4	527.6
	-12.2	16.8	23.4	42.0	63.9	109.4	149.2	249.2	423.7
	-17.8	13.4	18.6	33.5	50.9	87.1	118.7	198.4	337.3
	-23.3	10.5	14.6	26.4	40.1	68.6	93.5	156.3	265.7
	-28.9	8.2	11.4	20.5	31.2	53.4	72.8	121.7	206.9
	-34.4	6.3	8.8	15.8	24.0	41.1	56.0	93.6	159.1
-40	4.8	6.6	12.0	18.2	31.1	42.4	70.9	120.6	
R-408A	+40	32.1	44.6	80.2	122.0	208.8	284.6	475.6	808.5
	+30	26.5	36.9	66.4	100.9	172.7	235.4	393.4	668.7
	+20	21.8	30.3	54.5	82.9	141.9	193.4	323.1	549.3
	+10	17.7	24.7	44.4	67.5	115.6	157.6	263.3	447.6
	0	14.3	19.9	35.9	54.6	93.4	127.3	212.7	361.7
	-10	11.5	16.0	28.7	43.7	74.8	101.9	170.3	289.5
	-20	9.1	12.7	22.8	34.6	59.3	80.8	135.0	229.5
	-30	7.1	9.9	17.8	27.1	46.5	63.3	105.8	179.9
-40	5.5	7.7	13.8	21.0	36.0	49.0	81.9	139.2	
R-410A AZ-20	7.22	49.6	69.0	124.2	188.9	323.3	440.6	736.2	1251.6
	4.4	45.1	62.8	113.0	171.8	294.1	400.9	669.9	1138.8
	-1.1	37.4	52.1	93.7	142.4	243.8	332.4	555.3	944.0
	-6.7	30.8	42.9	77.2	117.4	200.9	273.9	457.7	778.0
	-12.2	25.2	35.1	63.1	96.0	164.3	223.9	374.1	636.0
	-17.8	20.4	28.4	51.1	77.8	133.1	181.4	303.2	515.4
	-23.3	16.4	22.8	41.1	62.5	107.0	145.9	243.7	414.3
	-28.9	13.1	18.2	32.7	49.7	85.1	116.1	193.9	329.7
-34.4	10.3	14.3	25.7	39.1	67.0	91.3	152.6	259.3	
-40	8.0	11.1	20.0	30.5	52.2	71.1	118.8	202.0	
R-417A	4.4	24.6	34.3	61.7	93.8	160.5	218.8	365.6	621.5
	-1.1	19.5	27.2	48.9	74.4	127.3	173.6	290.0	493.1
	-6.7	15.7	21.8	39.2	59.6	102.0	139.1	232.4	395.1
	-12.2	12.4	17.3	31.1	47.3	81.0	110.4	184.5	313.6
	-17.8	9.8	13.6	24.4	37.2	63.6	86.7	144.9	246.3
	-23.3	7.6	10.5	19.0	28.9	49.4	67.3	112.5	191.3
	-28.9	5.8	8.1	14.6	22.1	37.9	51.6	86.3	146.7
	-34.4	4.4	6.1	11.0	16.7	28.7	39.1	65.3	111.0
-40	3.3	4.6	8.2	12.5	21.4	29.1	48.7	82.7	
R-421A	4.4	25.2	35.1	63.2	96.1	164.5	224.2	374.6	374.6
	-1.1	20.4	28.4	51.0	77.6	132.8	181.1	302.5	302.5
	-6.7	16.3	22.7	40.9	62.1	106.4	145.0	242.3	242.3
	-12.2	13.0	18.0	32.4	49.3	84.4	115.0	192.2	192.2
	-17.8	10.2	14.1	25.5	38.7	66.3	90.3	150.9	150.9
	-23.3	7.9	11.0	19.8	30.0	51.4	70.1	117.1	117.1
	-28.9	6.1	8.4	15.1	23.0	39.4	53.7	89.8	89.8
	-34.4	4.6	6.4	11.5	17.4	29.8	40.6	67.9	67.9
-40	3.4	4.7	8.5	13.0	22.2	30.3	50.6	50.6	

	Model	922	923	924	925	926	927	928	930
		922R	923R	924R	925R	926R	927R	928R	930R
Connection Size		5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	2-5/8"	3-1/8"
Refrigerant	Temp °C	kW @ 37.8°C Condensing 5.6°C Superheat 0° Subcooling							
R-422A	4.4	30.3	42.2	75.9	115.4	197.5	269.2	449.9	764.8
	-1.1	24.6	34.2	61.6	93.7	160.4	218.6	365.2	620.9
	-6.7	19.8	27.6	49.6	75.5	129.2	176.1	294.2	500.1
	-12.2	15.8	22.0	39.6	60.2	103.1	140.5	234.8	399.1
	-17.8	12.5	17.4	31.3	47.6	81.5	111.1	185.6	315.5
	-23.3	9.8	13.6	24.5	37.2	63.7	86.8	145.1	246.7
	-28.9	7.6	10.5	18.9	28.8	49.2	67.1	112.1	190.6
	-34.4	5.8	8.0	14.4	21.9	37.5	51.2	85.5	145.4
-40	4.3	6.0	10.8	16.5	28.2	38.5	64.2	109.2	
R-422B	4.4	25.0	34.8	62.6	95.2	163.0	222.2	343.4	631.1
	-1.1	20.5	28.5	51.2	77.9	133.4	181.8	281.4	516.4
	-6.7	16.4	22.8	41.1	62.4	106.9	145.7	225.0	413.9
	-12.2	13.0	18.1	32.6	49.6	84.8	115.6	178.1	328.4
	-17.8	10.4	14.5	26.0	39.6	67.7	92.3	142.3	262.1
	-23.3	7.7	10.8	19.4	29.4	50.4	68.7	105.2	195.1
	-28.9	5.9	8.3	14.9	22.6	38.7	52.7	80.4	149.7
	-34.4	4.6	6.4	11.5	17.5	30.0	40.9	62.3	116.2
-40	3.4	4.8	8.6	13.1	22.4	30.5	46.2	86.6	
R-422C	4.4	29.7	41.3	74.2	112.9	193.2	263.4	440.0	748.1
	-1.1	24.1	33.5	60.2	91.6	156.7	213.6	356.9	606.7
	-6.7	19.4	26.9	48.4	73.7	126.1	171.9	287.2	488.2
	-12.2	15.4	21.5	38.6	58.7	100.5	137.1	229.0	389.3
	-17.8	12.2	16.9	30.5	46.4	79.4	108.2	180.8	307.3
	-23.3	9.5	13.2	23.8	36.2	62.0	84.5	141.1	239.9
	-28.9	7.3	10.2	18.4	27.9	47.8	65.2	108.9	185.1
	-34.4	5.6	7.8	14.0	21.3	36.4	49.6	82.9	140.9
-40	4.2	5.8	10.5	15.9	27.3	37.2	62.2	105.7	
R-422D	4.4	26.8	37.3	67.1	102.1	174.8	238.2	398.0	676.6
	-1.1	21.7	30.2	54.3	82.6	141.4	192.7	322.0	547.5
	-6.7	17.4	24.2	43.6	66.3	113.4	154.6	258.3	439.2
	-12.2	13.8	19.2	34.6	52.7	90.1	122.9	205.3	349.0
	-17.8	10.9	15.1	27.2	41.4	70.9	96.7	161.5	274.5
	-23.3	8.5	11.8	21.2	32.2	55.1	75.2	125.6	213.5
	-28.9	6.5	9.0	16.3	24.7	42.4	57.7	96.5	164.0
	-34.4	4.9	6.9	12.3	18.8	32.1	43.8	73.1	124.3
-40	3.7	5.1	9.2	14.0	24.0	32.7	54.6	92.8	
R-427A	4.4	27.3	38.0	68.3	103.9	177.9	242.5	405.1	688.7
	-1.1	22.2	30.9	55.6	84.5	144.7	197.2	329.5	560.2
	-6.7	17.9	24.9	44.8	68.2	116.7	159.1	265.8	451.9
	-12.2	14.3	19.9	35.9	54.5	93.3	127.2	212.5	361.3
	-17.8	11.3	15.8	28.4	43.2	73.9	100.7	168.2	286.0
	-23.3	8.9	12.3	22.2	33.8	57.8	78.8	131.7	223.9
	-28.9	6.9	9.6	17.2	26.1	44.7	61.0	101.9	173.2
	-34.4	5.2	7.3	13.1	20.0	34.2	46.6	77.8	132.3
-40	3.9	5.5	9.9	15.0	25.7	35.1	58.6	99.6	

	Model	922 922R	923 923R	924 924R	925 925R	926 926R	927 927R	928 928R	930 930R
Connection Size		5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	2-5/8"	3-1/8"
Refrigerant	Temp °C	kW @ 37.8°C Condensing 5.6°C Superheat 0° Subcooling							
R-438A	4.4	26.4	36.8	66.2	100.6	172.2	234.8	392.3	666.9
	-1.1	21.4	29.8	53.7	81.6	139.7	190.4	318.2	540.9
	-6.7	17.3	24.0	43.2	65.7	112.4	153.2	256.0	435.1
	-12.2	13.2	18.4	33.1	50.3	86.1	117.4	196.1	333.4
	-17.8	10.8	15.1	27.2	41.3	70.7	96.3	161.0	273.6
	-23.3	8.5	11.8	21.2	32.2	55.1	75.2	125.6	213.5
	-28.9	6.5	9.1	16.3	24.8	42.5	57.9	96.8	164.6
	-34.4	4.8	6.6	11.9	18.2	31.1	42.4	70.8	120.3
-40	3.7	5.2	9.3	14.2	24.2	33.1	55.2	93.9	
R-507 AZ-50	4.4	32.5	45.2	81.3	123.6	211.6	288.5	482.0	819.4
	-1.1	26.6	37.0	66.6	101.3	173.4	236.4	394.9	671.4
	-6.7	21.6	30.1	54.2	82.4	141.0	192.2	321.1	545.8
	-12.2	17.5	24.3	43.8	66.5	113.9	155.2	259.4	440.9
	-17.8	14.0	19.4	35.0	53.2	91.1	124.1	207.4	352.5
	-23.3	11.1	15.4	27.7	42.1	72.1	98.3	164.3	279.3
	-28.9	8.7	12.1	21.7	33.0	56.6	77.1	128.8	219.0
	-34.4	6.7	9.4	16.9	25.7	43.9	59.8	100.0	170.0
-40	5.1	7.2	12.9	19.6	33.5	45.7	76.3	129.7	
R-600a	See "920 and 920R Series: Natural Refrigerants" Chart								
R-717	See "920 and 920R Series: Natural Refrigerants" Chart								
R-744	See "920 and 920R Series: Natural Refrigerants" Chart								

SELECT OIL SEPARATOR WITH CONNECTION SIZE NO LESS THAN DISCHARGE LINE SIZE.

920 and 920R Series (kW) Notes:

1. kW = Capacity based on +37.8°C Condensing Temperature, 5.6°C Superheat, 0°C Subcooling.
2. For applications other than reciprocating compressors, (scroll, screw type, 2-stage) please contact Temprite engineering at temprite@temprite.com.