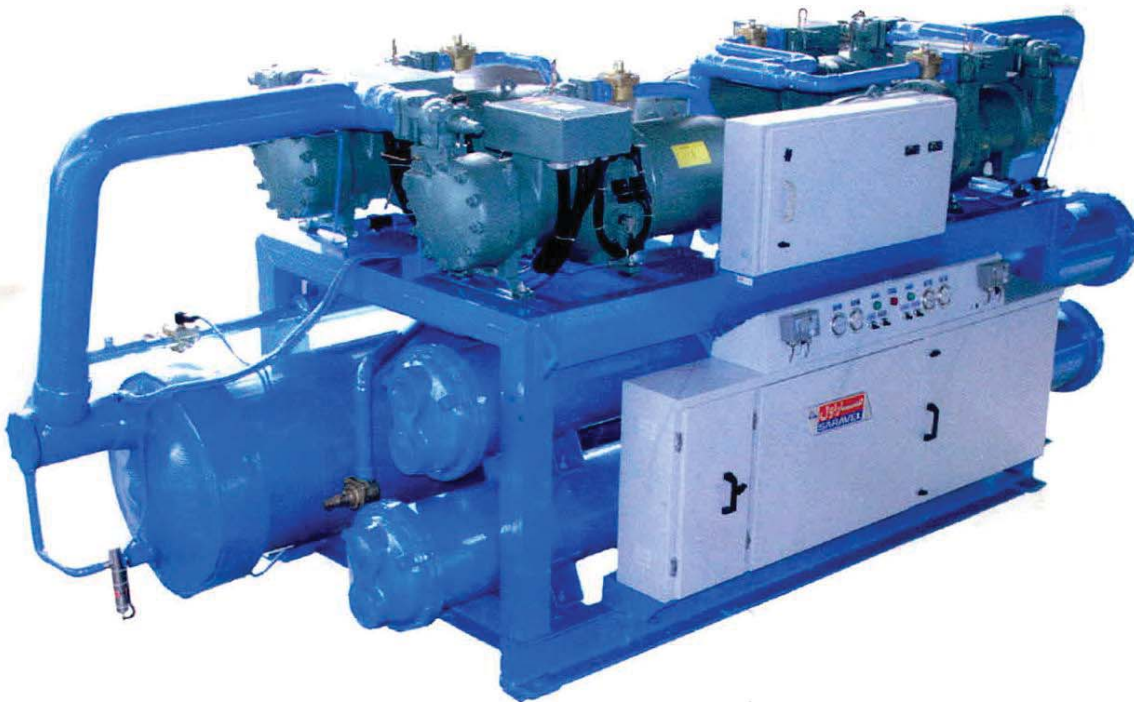




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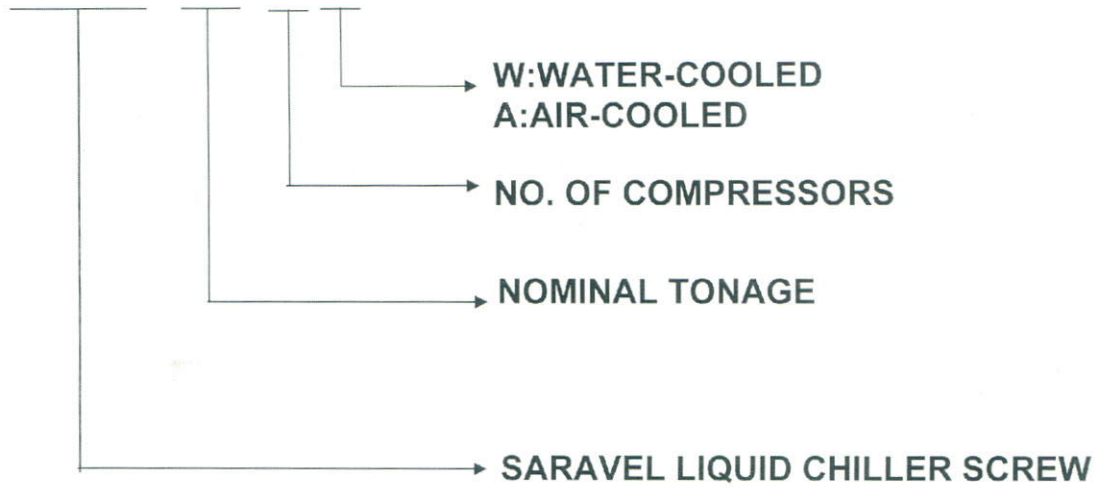
SARAVEL SCREW CHILLERS

(50 to 1200 tons)



NOMENCLATURE:

SLCSC-XX-XX





Introduction:

SARAVEL screw liquid chillers are designed to suit the complete scope of commercial, institutional, and residential applications as well as industrial process fluid cooling. Units are offered in capacities ranging from 50 to 1200 Tons.

SARAVEL screw liquid chillers are designed and built to provide reliable and efficient performance and are completely factory assembled for peak performance and high operating efficiency.

Units are supplied with one up to four screw compressors in 50 to 300 tons models which designed to run on 380 volt, 3 phase, 50 cycle electricity, a direct expansion type liquid cooler along with complete interconnecting piping, insulated low temperature lines, electrical wiring and control panel.

Contrary to the semi-hermetic and open type compressor models for commercial and industrial installation, the compact screws are designed with a directly flanged on oil separator. In addition to this, the electrical control and the monitoring of the oil circuit has been simplified. The proven basic construction and the ease of service have been retained.

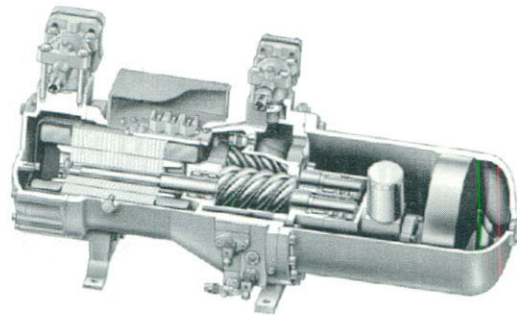
In addition to the compressor models for R407C and R22 an optimized series for R134a has been developed. Special features are:

- Specifically matched motor power
- Extended capacity range for ECO
- Extra high efficiency and COPs
- High running smoothness of compressor.

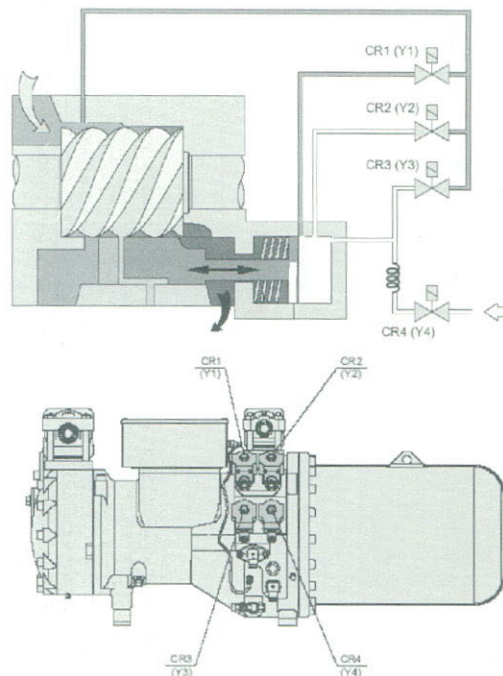
Compact screws are of two shaft rotary displacement designed with newly-developed profile geometry. The main part of these compressors are the two rotors and precisely located at both ends in rolling contact bearings (radial and axial) which, in conjunction with the generously sized oil supply chambers, provides optimum emergency running characteristics.

Owing to the specific design this type of compressor does not require any working valves. To protect against reverse running when the compressor is switched off (expansion operation) a check valve is incorporated in the discharge chamber (this valve does not however replace any check valves required by the system design). An internal pressure relief valve is fitted as burst protection.

The compressor is driven by 3 phase asynchronous motor which is built into the compressor housing. The rotor is located on the shaft of the male screw rotor. Cooling is achieved by cold refrigerant vapor which mainly flows through bores in the motor rotor.



For capacity control and start unloading these models are provided with a "dual capacity control" (slider system). This allows for infinite or 4-step capacity control without compressor modifications. The different operating modes can be achieved by adapting the control sequence of the solenoid valves. Another feature of this system is the automatic start-unloading. It reduced starting torque and acceleration times considerably. This not only puts lower stresses on motor and mechanical parts but also reduces the power supply network.



With screw compressors suction, compression and discharge occur in one flow direction. With this process the suction gas is pressed into the profile hollows by the profile peaks, the volume is steadily reduced and it is thereby compressed. The



compressed gas is discharged through a discharge port.

Internal discharge port of the compressors are designed for a very wide application range

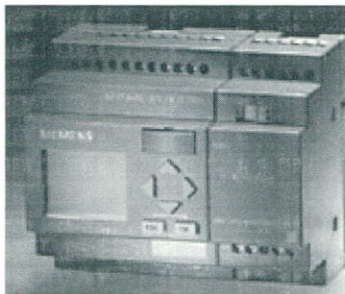
The direct expansion cooler designed for highest efficiency features. This evaporator cooler is stainless steel brazed plate heat exchanger which so compact and high efficient and reliable. The evaporator and low temperature lines are completely protected with closed-cell foam rubber fire retardant insulation for thermal insulating, condensation prevention, and vapor seal

The water cooled condenser is a shell and tube heat exchanger with integrally finned tubes. The condenser is sized sufficiently to hold the total refrigerant charge on pump down operation.

Both the evaporator and the condenser are designed And constructed according to the ASME-Section VIII Unfired Pressure Vessel Code and the Standards of the Tubular Exchanger Manufacturers Association (TEMA).

The safety controls include high and low pressure cut-outs, oil pressure safety cut-out, flow switch, and anti-freeze control all selected from the most reliable and recognized brand names in the air conditioning and refrigeration industry.

All SARVEL screw chillers have digital logic control system.



A liquid chiller is selected to deliver a required flow of chiller water at certain temperature at a specified range of water temperature drop. In addition for the water cooled condenser, the cooling water have to be specified.

SARAVEL Screw liquid chiller rating data presented in TABLES 1 through 11 indicate the capacity of the chiller at the conditions listed below:

- Chiller water flow rate based on 2.4 gpm per ton assuming 10 °F chilled water temperature drop.
- Condenser water flow based on 3 gpm per ton, assuming 10 °F water temperature rise.

- 0.00025 Ft² Hr °F / BTU condenser and 0.0001 Ft² Hr °F / BTU cooler water fouling factor as ARI Standard.

For conditions other than those listed above, use the chilled water correction factors tabulated below:

Condenser:

Water Range °F	Fouling Factor Ft ² Hr °F / BTU			
	0.00025		0.00075	
	Tons	KW	Tons	KW
6	1.003	0.999	0.984	1.035
8	1.002	1.000	0.982	1.037
10	1.000	1.000	0.980	1.038
12	0.984	0.973	0.977	1.042
14	0.976	0.960	0.963	1.067
16	0.968	0.946	0.948	1.092

SAMPLE SELECTION-1

(Water Cooled Condenser)

Given:

Chill 220 gpm of water from 55 °F to 45°F and standard fouling factor specified for the cooler with 85°F to 95°F condenser water available and standard fouling factor is also specified for the condenser and the refrigeration is R22.

Find:

- Unit model and size
- Unit actual capacity
- KW
- Cooler/Condenser water pressure drop

Solution:

1. Chilled Water and Condenser Water Range:

Chilled Water Range: 55-45 = 10 °F

Condenser Water Range: 95-85 = 10 °F

2. Capacity (tons):

$$\text{TONS} = (\text{GPM} \times \text{Chilled Water Range}) / 24$$

$$(220 \times 10) / 24 = 91.7 \text{ Tons}$$

3. Select Model: From the ratings tables 1 through 39, a Model SLCSC- 110-1W (Tables) has the capacity of 93.2 Tons at the given condenser and cooler leaving water temperatures.

TONS = 93.2

KW = 67.1

4. Determine Average Full Load KW at 91.7

Tons:

$$\text{KWavg} = (91.7/93.2) \times 67.1 = 66.0$$

5. Determine Condenser Heat Rejection:

$$\text{Heat Rejection (MBH)} = (\text{Tons} \times 12) + (\text{KWavg} \times 3.415)$$

$$= (91.7 \times 12) + (66.0 \times 3.415) = 1326$$

6. Determine Condenser Water Flow Rate: the water flow rate through the condenser may be determined using the following equation:

$$\text{GPMcw} = (\text{Heat Rejection (MBH)} \times 2) / \text{Condenser Water Range}$$

$$= (1326 \times 2) / 10 = 265$$

Where GPMcw = Condenser Water Flow Rate

7. Determine Cooler/Condenser Pressure



Drops:

From the curves in Tables , the pressure drops with 220 GPM through the cooler and 265 GPM through the condenser of a SLCSC-110-1W are:
 Cooler Pressure Drops at 220 GPM = 20.2 ft. w.
 Condenser Pressure Drop at 265 GPM =25.7 ft. w.

**SAMPLE SELECTION-2
 (Air Cooled Condenser)**

Given:

Chill 180 gpm of water from 48 of to 40 of (8 of Range) at 125 of condensing temperature & the refrigeration is R134a. The air cooled condenser is to be installed at 1250m(4100ft).

Find:

- Unit actual capacity
- Unit model and size
- KW
- Condenser heat rejection
- Cooler water pressure drop

1. Capacity (tons):

TONS = (GPM x Chilled Water Range)/24
 (180x8)/24 = 60.0 Tons

2. Select Model: From the ratings, a Model SLCS-120-2A (TABLES) with the following capacity and KW can be selected:

TONS =64.8
 KW=80.4

3. Calculate Heat Rejection: From the altitude correction factor table, at 1250m altitude, the following correction factors are given for Tons and KW :

TONS =0.949
 KW=1.001

Applying the correction factors:

TONS = 0.949 x 64.8 = 61.5
 KW = 1.001 x 80.4 = 80.5

4. Determine average full load KW at 83.3 Tons:

KWavg = (60.0/61.5)x80.5= 78.5

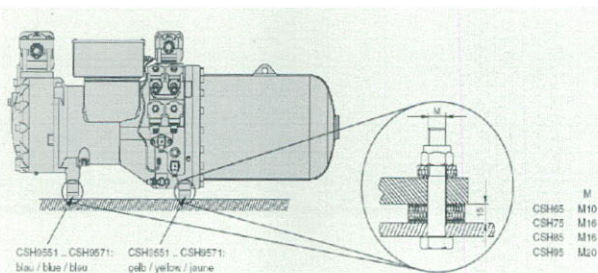
5. Calculate condenser heat rejection:

Heat Rejection (MBH) = (Tons x 12) + (KWavg x 3.415)
 = (61.5 x 12) + (78.5 x 3.415) = 1006

6. Calculate cooler water pressure drop:

From TABLES , at 180 gpm, the cooler water pressuredrop is 13.5 ft. water.

**TO SELECT REMOTE AIR COOLED CONDENSERS
 SEE SARAVELAIR COOLED CONDENSERS CAT-
 SAC-98(1).**



Anti – vibration mountings

Rigid mounting of the compressor is possible. The use of anti-vibration mounting especially matched to the compressors(option)is recommended however to reduce the transmission of body radiated noise.

Oil heater

An oil heater is provided to prevent too high concentration of refrigerant in the oil during standstill. It is mounted in a heater sleeve and can be replaced if necessary without accessing the refrigerating circuit.

Safe operation of compressor and plant

Analyses have proven that compressor break-downs are mostly attributed to impermissible operating conditions. This applies especially to damages due to lack of lubrication and refrigerant migration during standstill periods.

Oil circulation

The lubrication circuit is designed as is typical for screw compressors. This type of design, however, has a vessel directly flanged-on to the compressor housing at the high pressure side. It contains the oil reservoir. The vessel simultaneously serves as an oil separator.

The oil circulation results from the pressure difference to the oil injection point, where the pressure level is slightly above suction pressure. The oil flows through a generously dimensioned filter element to the throttlepoint and subsequently to the bearing chambers and the profile spaces of the rotors.

The oil is then transported together with the refrigerant vapour in the direction of compression. In addition to lubrication it also provides a dynamic seal between the rotors and between the housing and the rotors. The oil then flows together with the compressed vapour into the reservoir vessel. Here oil and vapour are separated in a highly efficient process (by reversed flow direction, demister, and gravity along a setting way). The oil collects in the lower part of the separator vessel and flows back into the compressor either direct or via an external oil cooler. Depending on the operating conditions the circulating oil must be cooled with liquid injection or an external oil cooler.

Evaporator:

Water Range °F	Fouling Factor Ft ² Hr °F / BTU			
	0.0001		0.00025	
	Tons	KW	Tons	KW
6	0.992	0.995	0.985	0.993
8	0.995	0.997	0.988	0.995
10	1.000	1.000	0.993	0.998
12	1.005	1.002	0.998	1.000
14	1.010	1.005	1.003	1.003
16	1.014	1.007	1.007	1.005



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-50-1W	40	36.9	26.8	4.8	35.8	28.1	4.5	34.8	29.6	4.1	33.6	31.2	3.8	32.4	32.8	3.5
	42	38.3	27.2	4.9	37.3	28.5	4.6	36.2	29.9	4.2	35.0	31.4	3.9	33.8	33.1	3.6
	44	39.8	27.5	5.1	38.8	28.8	4.7	37.6	30.2	4.4	36.4	31.7	4.0	35.2	33.4	3.7
	45	40.6	27.7	5.1	39.5	28.9	4.8	38.3	30.3	4.4	37.2	31.9	4.1	35.8	33.5	3.7
	46	41.3	27.8	5.2	40.3	29.1	4.8	39.1	30.5	4.5	37.8	32.0	4.1	36.6	33.7	3.8
	48	42.9	28.2	5.3	41.8	29.5	5.0	40.7	30.8	4.6	39.3	32.3	4.3	38.1	34.0	3.9
50	44.6	28.6	5.5	43.4	29.8	5.1	42.2	31.2	4.7	40.9	32.7	4.4	39.6	34.3	4.0	
SLCSC-60-1W	40	45.7	32.7	4.9	44.6	34.4	4.5	43.4	36.2	4.2	42.2	38.2	3.9	40.8	40.4	3.5
	42	47.5	33.0	5.0	46.3	34.6	4.7	45.2	36.4	4.3	43.8	38.4	4.0	42.5	40.6	3.7
	44	49.3	33.2	5.2	48.2	34.9	4.8	46.9	36.7	4.5	45.6	38.7	4.1	44.2	40.8	3.8
	45	50.2	33.4	5.3	49.0	35.0	4.9	47.8	36.8	4.5	46.4	38.8	4.2	45.1	40.9	3.9
	46	51.2	33.5	5.3	49.9	35.2	5.0	48.7	37.0	4.6	47.3	38.9	4.3	45.9	41.1	3.9
	48	53.1	33.8	5.5	51.8	35.4	5.1	50.6	37.2	4.8	49.2	39.2	4.4	47.7	41.3	4.0
50	55.0	34.1	5.6	53.8	35.7	5.3	52.4	37.5	4.9	51.0	39.5	4.5	49.5	41.6	4.2	
SLCSC-70-1W	40	54.4	38.1	5.0	52.8	39.7	4.7	51.2	41.6	4.3	49.3	43.6	4.0	47.4	45.8	3.6
	42	56.6	38.5	5.1	55.0	40.1	4.8	53.3	42.0	4.4	51.4	44.0	4.1	49.5	46.2	3.8
	44	58.8	39.0	5.3	57.3	40.6	4.9	55.5	42.4	4.6	53.6	44.4	4.2	51.6	46.6	3.9
	45	60.0	39.2	5.4	58.4	40.8	5.0	56.6	42.6	4.6	54.7	44.6	4.3	52.7	46.8	3.9
	46	61.2	39.5	5.4	59.5	41.0	5.1	57.8	42.8	4.7	55.8	44.8	4.4	53.8	47.0	4.0
	48	63.6	40.1	5.5	61.9	41.6	5.2	60.1	43.3	4.9	58.1	45.2	4.5	56.0	47.4	4.1
50	66.0	40.6	5.7	64.3	42.1	5.3	62.4	43.8	5.0	60.4	45.7	4.6	58.3	47.9	4.3	
SLCSC-80-1W	40	62.5	44.5	4.9	60.8	46.6	4.6	58.9	49.0	4.2	57.0	51.6	3.9	55.0	54.4	3.5
	42	64.9	45.0	5.0	63.2	47.1	4.7	61.3	49.5	4.3	59.3	52.1	4.0	57.3	54.9	3.6
	44	67.5	45.6	5.2	65.7	47.7	4.8	63.8	50.0	4.5	61.8	52.6	4.1	59.6	55.3	3.8
	45	68.8	45.8	5.3	66.9	47.9	4.9	65.0	50.3	4.5	62.9	52.8	4.2	60.8	55.5	3.8
	46	70.1	46.1	5.3	68.3	48.2	5.0	66.3	50.5	4.6	64.2	53.1	4.2	62.0	55.8	3.9
	48	72.8	46.7	5.5	70.8	48.8	5.1	68.8	51.1	4.7	66.8	53.6	4.4	64.5	56.3	4.0
50	75.5	47.4	5.6	73.6	49.4	5.2	71.5	51.7	4.8	69.3	54.1	4.5	67.1	56.8	4.1	
SLCSC-90-1W	40	70.9	49.6	5.0	69.3	52.1	4.7	67.4	54.9	4.3	65.5	58.0	4.0	63.4	61.3	3.6
	42	73.7	50.0	5.2	71.9	52.5	4.8	70.1	55.3	4.4	68.1	58.3	4.1	66.0	61.6	3.8
	44	76.5	50.4	5.3	74.7	52.9	4.9	72.8	55.7	4.6	70.8	58.7	4.2	68.6	62.0	3.9
	45	77.9	50.6	5.4	76.1	53.1	5.0	74.2	55.9	4.6	72.1	58.9	4.3	69.9	62.1	3.9
	46	79.3	50.9	5.5	77.5	53.3	5.1	75.6	56.1	4.7	73.5	59.1	4.4	71.6	62.3	4.0
	48	82.3	51.3	5.6	80.4	53.8	5.2	78.4	56.5	4.9	76.3	59.5	4.5	74.1	62.7	4.1
50	85.3	51.8	5.8	83.4	54.2	5.4	81.4	57.0	5.0	79.2	59.9	4.6	76.9	63.1	4.3	
SLCSC-110-1W	40	89.6	59.9	5.2	87.0	62.5	4.9	84.2	65.5	4.5	81.2	68.7	4.1	78.1	72.2	3.8
	42	93.3	60.7	5.4	90.6	63.2	5.0	87.8	66.1	4.6	84.7	69.3	4.3	81.4	72.8	3.9
	44	96.9	61.4	5.5	94.3	63.9	5.2	91.3	66.7	4.8	88.3	69.9	4.4	84.9	73.4	4.0
	45	98.8	61.8	5.6	96.1	64.3	5.2	93.2	67.1	4.9	90.1	70.2	4.5	86.8	73.7	4.1
	46	100.8	62.2	5.7	98.0	64.7	5.3	95.1	67.4	4.9	91.9	70.6	4.6	88.5	74.0	4.2
	48	104.7	63.1	5.8	101.9	65.5	5.4	98.9	68.2	5.1	95.7	71.3	4.7	92.3	74.7	4.3
50	108.8	64.0	5.9	105.9	66.3	5.6	102.8	69.0	5.2	99.5	72.0	4.8	96.0	75.4	4.5	
SLCSC-125-1W	40	101.8	69.3	5.1	98.9	72.7	4.8	95.9	76.4	4.4	92.8	80.4	4.0	89.6	84.8	3.7
	42	105.8	70.1	5.3	102.9	73.4	4.9	99.8	77.1	4.5	96.6	81.1	4.2	93.3	85.4	3.8
	44	109.9	71.0	5.4	106.9	74.3	5.0	103.8	77.9	4.7	100.5	81.9	4.3	97.1	86.1	3.9
	45	112.0	71.4	5.5	109.0	74.7	5.1	105.8	78.3	4.7	102.5	82.3	4.4	99.1	86.5	4.0
	46	114.2	71.9	5.6	111.1	75.1	5.2	107.9	78.7	4.8	104.5	82.7	4.4	101.0	86.9	4.1
	48	118.5	72.8	5.7	115.4	76.0	5.3	112.1	79.6	4.9	108.7	83.5	4.6	105.1	87.6	4.2
50	123.0	73.8	5.8	119.8	77.0	5.4	116.4	80.5	5.1	112.9	84.3	4.7	109.2	88.5	4.3	

Rating For R-22



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-140-1W	40	116.1	77.6	5.2	113.3	81.6	4.9	110.3	86.0	4.5	107.2	90.8	4.1	103.8	95.9	3.8
	42	120.6	78.3	5.4	117.7	82.2	5.0	114.7	86.6	4.6	111.4	91.3	4.3	108.0	96.4	3.9
	44	125.2	78.9	5.6	122.3	82.9	5.2	119.1	87.2	4.8	115.8	91.9	4.4	112.3	97.0	4.1
	45	127.5	79.3	5.6	124.5	83.2	5.2	121.4	87.5	4.9	118.0	92.2	4.5	114.5	97.3	4.1
	46	129.8	79.6	5.7	126.9	83.5	5.3	123.7	87.8	4.9	120.3	92.5	4.6	116.7	97.6	4.2
	48	134.8	80.3	5.9	131.7	84.2	5.5	128.4	88.5	5.1	124.9	93.1	4.7	121.3	98.2	4.3
50	139.7	81.0	6.0	136.6	84.9	5.6	133.2	89.2	5.2	129.6	93.8	4.8	125.8	98.8	4.5	
SLCSC-180-1W	40	153.8	101.0	5.3	149.3	105.5	5.0	144.6	110.4	4.6	139.4	115.9	4.2	134.1	121.8	3.9
	42	160.0	102.2	5.5	155.5	106.6	5.1	150.6	111.5	4.7	145.4	116.9	4.4	139.9	122.7	4.0
	44	166.3	103.5	5.6	161.8	107.7	5.3	156.8	112.5	4.9	151.5	117.9	4.5	145.8	123.7	4.1
	45	169.6	104.2	5.7	165.0	108.3	5.3	160.0	113.1	5.0	154.6	118.4	4.6	148.9	124.3	4.2
	46	172.9	104.8	5.8	168.3	109.0	5.4	163.2	113.7	5.0	157.8	119.0	4.6	152.0	124.8	4.3
	48	179.7	106.3	5.9	174.9	110.3	5.6	169.8	114.9	5.2	164.2	120.2	4.8	158.3	125.9	4.4
50	186.6	107.8	6.1	181.8	111.7	5.7	176.5	116.3	5.3	170.8	121.4	4.9	164.8	127.1	4.5	
SLCSC-210-1W	40	176.2	117.8	5.2	171.3	123.5	4.9	166.2	129.9	4.5	160.8	136.8	4.1	155.2	144.2	3.8
	42	183.2	119.2	5.4	178.2	124.9	5.0	172.8	131.2	4.6	167.3	138.0	4.2	161.6	145.3	3.9
	44	190.3	120.6	5.5	185.2	126.2	5.1	179.8	132.5	4.7	174.1	139.2	4.4	168.2	146.5	4.0
	45	193.9	121.4	5.6	188.8	127.0	5.2	183.3	133.2	4.8	177.5	139.9	4.4	171.6	147.1	4.1
	46	197.6	122.1	5.7	192.3	127.7	5.3	186.8	133.9	4.9	181.0	140.5	4.5	175.0	147.7	4.1
	48	205.2	123.7	5.8	199.8	129.2	5.4	194.1	135.3	5.0	188.2	141.9	4.6	181.9	149.0	4.3
50	212.9	125.3	5.9	207.4	130.8	5.5	201.6	136.8	5.2	195.5	143.4	4.8	189.1	150.4	4.4	
SLCSC-240-1W	40	200.3	131.6	5.3	195.5	138.3	4.9	190.4	145.8	4.6	185.0	153.9	4.2	179.3	162.6	3.9
	42	208.0	132.6	5.5	203.1	139.3	5.1	197.8	146.8	4.7	192.3	154.8	4.3	186.5	163.5	4.0
	44	215.9	133.7	5.7	210.9	140.4	5.3	205.6	147.8	4.9	199.8	155.8	4.5	193.8	164.4	4.1
	45	220.0	134.3	5.7	214.9	140.9	5.3	209.5	148.3	4.9	203.7	156.3	4.6	197.6	164.9	4.2
	46	224.1	134.8	5.8	218.9	141.5	5.4	213.4	148.8	5.0	207.6	156.8	4.6	201.4	165.4	4.3
	48	232.4	136.0	6.0	227.2	142.6	5.6	221.5	149.9	5.2	215.5	157.9	4.8	209.3	166.4	4.4
50	241.0	137.2	6.1	235.7	143.8	5.7	229.8	151.1	5.3	223.7	159.0	4.9	217.2	167.5	4.5	
SLCSC-280-1W	40	222.3	150.3	5.2	217.1	157.6	4.8	199.6	165.9	4.2	205.8	175.0	4.1	199.6	184.6	3.8
	42	230.8	151.5	5.3	225.5	158.7	5.0	219.9	166.9	4.6	214.0	175.8	4.3	207.7	185.5	3.9
	44	239.5	152.8	5.5	234.1	159.8	5.1	228.4	167.8	4.8	222.4	176.7	4.4	216.0	186.3	4.1
	45	243.9	153.5	5.6	238.5	160.3	5.2	232.8	168.3	4.8	226.7	177.1	4.5	220.3	186.7	4.1
	46	248.4	154.1	5.6	243.0	160.9	5.3	237.2	168.7	4.9	231.1	177.5	4.6	224.6	187.1	4.2
	48	257.7	155.4	5.8	252.1	162.0	5.4	246.2	169.7	5.1	239.9	178.4	4.7	233.3	187.9	4.3
50	267.1	156.8	6.0	261.5	163.1	5.6	255.4	170.6	5.2	249.1	179.2	4.9	242.3	188.7	4.5	
SLCSC-300-1W	40	249.9	167.8	5.2	244.1	176.3	4.8	238.1	185.7	4.5	231.8	196.0	4.1	225.2	207.0	3.8
	42	259.4	169.1	5.4	253.5	177.5	5.0	247.3	186.8	4.6	240.8	197.0	4.3	234.2	208.0	3.9
	44	269.3	170.5	5.5	263.2	178.6	5.2	256.8	187.8	4.8	250.3	197.9	4.4	243.3	209.0	4.1
	45	274.3	171.1	5.6	268.1	179.2	5.2	261.7	188.3	4.9	255.0	198.4	4.5	248.1	209.0	4.2
	46	279.3	171.8	5.7	273.1	179.8	5.3	266.6	188.9	4.9	259.8	198.9	4.6	252.8	210.0	4.2
	48	289.7	173.2	5.9	283.3	181.0	5.5	276.7	189.9	5.1	269.7	199.8	4.7	262.5	211.0	4.4
50	300.3	174.5	6.0	293.8	182.2	5.6	286.9	191.0	5.3	279.8	201.0	4.9	272.4	212.0	4.5	
SLCSC-100-2W	40	73.8	53.6	4.8	71.7	56.2	4.5	69.5	59.2	4.1	67.2	62.4	3.8	64.8	65.6	3.5
	42	76.7	54.4	4.9	74.5	57.0	4.6	72.3	59.8	4.2	70.0	62.8	3.9	67.5	66.2	3.6
	44	79.7	55.0	5.1	77.5	57.6	4.7	75.2	60.4	4.4	72.8	63.4	4.0	70.3	66.8	3.7
	45	81.2	55.4	5.1	79.0	57.8	4.8	76.7	60.6	4.4	74.3	63.8	4.1	71.7	67.0	3.7
	46	82.7	55.6	5.2	80.5	58.2	4.8	78.2	61.0	4.5	75.7	64.0	4.1	73.2	67.4	3.8
	48	85.8	56.4	5.3	83.7	59.0	5.0	81.3	61.6	4.6	78.7	64.6	4.3	76.2	68.0	3.9
50	89.2	57.2	5.5	86.8	59.6	5.1	84.3	62.4	4.7	81.8	65.4	4.4	79.2	68.6	4.0	

Rating For R-22



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SSC-120-2W	40	91.3	65.4	4.9	89.2	68.8	4.5	86.8	72.4	4.2	84.3	76.4	3.9	81.7	80.8	3.5
	42	95.0	66.0	5.0	92.7	69.2	4.7	90.3	72.8	4.3	87.7	76.8	4.0	85.0	81.2	3.7
	44	98.5	66.4	5.2	96.3	69.8	4.8	93.8	73.4	4.5	91.2	77.4	4.1	88.3	81.6	3.8
	45	100.3	66.8	5.3	98.0	70.0	4.9	95.5	73.6	4.5	92.8	77.6	4.2	90.2	81.8	3.9
	46	102.3	67.0	5.3	99.8	70.4	5.0	97.3	74.0	4.6	94.7	77.8	4.3	91.8	82.2	3.9
	48	106.2	67.6	5.5	103.7	70.8	5.1	101.2	74.4	4.8	98.3	78.4	4.4	95.3	82.6	4.0
	50	110.0	68.2	5.6	107.5	71.4	5.3	104.8	75.0	4.9	102.0	79.0	4.5	99.0	83.2	4.2
SSC-140-2W	40	108.8	76.2	5.0	105.7	79.4	4.7	102.3	83.2	4.3	98.7	87.2	4.0	94.8	91.6	3.6
	42	113.2	77.0	5.1	110.0	80.2	4.8	106.5	84.0	4.4	102.8	88.0	4.1	99.0	92.4	3.8
	44	117.7	78.0	5.3	114.5	81.2	4.9	111.0	84.8	4.6	107.2	88.8	4.2	103.2	93.2	3.9
	45	120.0	78.4	5.4	116.8	81.6	5.0	113.2	85.2	4.6	109.3	89.2	4.3	105.3	93.6	3.9
	46	122.3	79.0	5.4	119.0	82.0	5.1	115.5	85.6	4.7	111.7	89.6	4.4	107.5	94.0	4.0
	48	127.2	80.2	5.5	123.8	83.2	5.2	120.2	86.6	4.9	116.2	90.4	4.5	112.0	94.8	4.1
	50	132.0	81.2	5.7	128.7	84.2	5.3	124.8	87.6	5.0	120.8	91.4	4.6	116.7	95.8	4.3
SSC-160-2W	40	125.0	89.0	4.9	121.5	93.2	4.6	117.8	98.0	4.2	114.0	103.2	3.9	110.0	108.8	3.5
	42	129.8	90.0	5.0	126.3	94.2	4.7	122.5	99.0	4.3	118.7	104.2	4.0	114.5	109.8	3.6
	44	135.0	91.2	5.2	131.3	95.4	4.8	127.5	100.0	4.5	123.5	105.2	4.1	119.2	110.6	3.8
	45	137.5	91.6	5.3	133.8	95.8	4.9	130.0	100.6	4.5	125.8	105.6	4.2	121.7	111.0	3.8
	46	140.2	92.2	5.3	136.5	96.4	5.0	132.5	101.0	4.6	128.3	106.2	4.2	124.0	111.6	3.9
	48	145.5	93.4	5.5	141.7	97.6	5.1	137.7	102.2	4.7	133.5	107.2	4.4	129.0	112.6	4.0
	50	151.0	94.8	5.6	147.2	98.8	5.2	143.0	103.4	4.8	138.7	108.2	4.5	134.2	113.6	4.1
SSC-180-2W	40	141.8	99.2	5.0	138.5	104.2	4.7	134.8	109.8	4.3	131.0	116.0	4.0	126.8	122.6	3.6
	42	147.3	100.0	5.2	143.8	105.0	4.8	140.2	110.6	4.4	136.2	116.6	4.1	132.0	123.2	3.8
	44	153.0	100.8	5.3	149.3	105.8	4.9	145.5	111.4	4.6	141.5	117.4	4.2	137.2	124.0	3.9
	45	155.8	101.2	5.4	152.2	106.2	5.0	148.3	111.8	4.6	144.2	117.8	4.3	139.8	124.2	3.9
	46	158.7	101.8	5.5	155.0	106.6	5.1	151.2	112.2	4.7	147.0	118.2	4.4	143.2	124.6	4.0
	48	164.7	102.6	5.6	160.8	107.6	5.2	156.8	113.0	4.9	152.7	119.0	4.5	148.2	125.4	4.1
	50	170.7	103.6	5.8	166.8	108.4	5.4	162.8	114.0	5.0	158.3	119.8	4.6	153.8	126.2	4.3
SSC-220-2W	40	179.2	119.8	5.2	174.0	125.0	4.9	168.3	131.0	4.5	162.3	137.4	4.1	156.2	144.4	3.8
	42	186.5	121.4	5.4	181.2	126.4	5.0	175.5	132.2	4.6	169.3	138.6	4.3	162.8	145.6	3.9
	44	193.8	122.8	5.5	188.5	127.8	5.2	182.7	133.4	4.8	176.5	139.8	4.4	169.8	146.8	4.0
	45	197.7	123.6	5.6	192.2	128.6	5.2	186.3	134.2	4.9	180.2	140.4	4.5	173.5	147.4	4.1
	46	201.5	124.4	5.7	196.0	129.4	5.3	190.2	134.8	4.9	183.8	141.2	4.6	177.0	148.0	4.2
	48	209.3	126.2	5.8	203.8	131.0	5.4	197.8	136.4	5.1	191.3	142.6	4.7	184.5	149.4	4.3
	50	217.5	128.0	5.9	211.8	132.6	5.6	205.7	138.0	5.2	199.0	144.0	4.8	192.0	150.8	4.5
SSC-250-2W	40	203.5	138.6	5.1	197.8	145.4	4.8	191.8	152.8	4.4	185.7	160.8	4.0	179.2	169.6	3.7
	42	211.5	140.2	5.3	205.8	146.8	4.9	199.7	154.2	4.5	193.2	162.2	4.2	186.5	170.8	3.8
	44	219.8	142.0	5.4	213.8	148.6	5.0	207.7	155.8	4.7	201.0	163.8	4.3	194.2	172.2	3.9
	45	224.0	142.8	5.5	218.0	149.4	5.1	211.7	156.6	4.7	205.0	164.6	4.4	198.2	173.0	4.0
	46	228.3	143.8	5.6	222.2	150.2	5.2	215.8	157.4	4.8	209.0	165.4	4.4	202.0	173.8	4.1
	48	237.0	145.6	5.7	230.8	152.0	5.3	224.2	159.2	4.9	217.3	167.0	4.6	210.2	175.2	4.2
	50	246.0	147.6	5.8	239.7	154.0	5.4	232.8	161.0	5.1	225.8	168.6	4.7	218.3	177.0	4.3
SSC-280-2W	40	232.2	155.2	5.2	226.7	163.2	4.9	220.7	172.0	4.5	214.3	181.6	4.1	207.7	191.8	3.8
	42	241.2	156.6	5.4	235.3	164.4	5.0	229.3	173.2	4.6	222.8	182.6	4.3	216.0	192.8	3.9
	44	250.3	157.8	5.6	244.5	165.8	5.2	238.2	174.4	4.8	231.7	183.8	4.4	224.7	194.0	4.1
	45	255.0	158.6	5.6	249.0	166.4	5.2	242.8	175.0	4.9	236.0	184.4	4.5	229.0	194.6	4.1
	46	259.7	159.2	5.7	253.8	167.0	5.3	247.3	175.6	4.9	240.5	185.0	4.6	233.3	195.2	4.2
	48	269.5	160.6	5.9	263.3	168.4	5.5	256.8	177.0	5.1	249.8	186.2	4.7	242.5	196.4	4.3
	50	279.3	162.0	6.0	273.2	169.8	5.6	266.3	178.4	5.2	259.2	187.6	4.8	251.7	197.6	4.5



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-360-2W	40	307.5	202.0	5.3	298.7	211.0	5.0	289.2	220.8	4.6	278.8	231.8	4.2	268.2	243.6	3.9
	42	320.0	204.4	5.5	311.0	213.2	5.1	301.2	223.0	4.7	290.8	233.8	4.4	279.8	245.4	4.0
	44	332.7	207.0	5.6	323.5	215.4	5.3	313.7	225.0	4.9	303.0	235.8	4.5	291.7	247.4	4.1
	45	339.2	208.4	5.7	330.0	216.6	5.3	320.0	226.2	5.0	309.2	236.8	4.6	297.8	248.6	4.2
	46	345.8	209.6	5.8	336.5	218.0	5.4	326.3	227.4	5.0	315.5	238.0	4.6	304.0	249.6	4.3
	48	359.3	212.6	5.9	349.8	220.6	5.6	339.5	229.8	5.2	328.3	240.4	4.8	316.7	251.8	4.4
SLCSC-420-2W	40	352.3	235.6	5.2	342.7	247.0	4.9	332.3	259.8	4.5	321.5	273.6	4.1	310.3	288.4	3.8
	42	366.3	238.4	5.4	356.3	249.8	5.0	345.7	262.4	4.6	334.7	276.0	4.2	323.2	290.6	3.9
	44	380.5	241.2	5.5	370.3	252.4	5.1	359.5	265.0	4.7	348.2	278.4	4.4	336.3	293.0	4.0
	45	387.8	242.8	5.6	377.5	254.0	5.2	366.5	266.4	4.8	355.0	279.8	4.4	343.2	294.2	4.1
	46	395.2	244.2	5.7	384.7	255.4	5.3	373.7	267.8	4.9	362.0	281.0	4.5	350.0	295.4	4.1
	48	410.3	247.4	5.8	399.5	258.4	5.4	388.2	270.6	5.0	376.3	283.8	4.6	363.8	298.0	4.3
SLCSC-480-2W	40	400.7	263.2	5.3	391.0	276.6	4.9	380.8	291.6	4.6	370.0	307.8	4.2	358.5	325.2	3.9
	42	416.0	265.2	5.5	406.2	278.6	5.1	395.7	293.6	4.7	384.7	309.6	4.3	373.0	327.0	4.0
	44	431.8	267.4	5.7	421.8	280.8	5.3	411.2	295.6	4.9	399.7	311.6	4.5	387.7	328.8	4.1
	45	440.0	268.6	5.7	429.8	281.8	5.3	419.0	296.6	4.9	407.3	312.6	4.6	395.2	329.8	4.2
	46	448.2	269.6	5.8	437.8	283.0	5.4	426.8	297.6	5.0	415.2	313.6	4.6	402.8	330.8	4.3
	48	464.8	272.0	6.0	454.3	285.2	5.6	443.0	299.8	5.2	431.0	315.8	4.8	418.5	332.8	4.4
SLCSC-560-2W	40	444.5	300.6	5.2	434.2	315.2	4.8	399.2	331.8	4.2	411.5	350.0	4.1	399.2	369.2	3.8
	42	461.5	303.0	5.3	451.0	317.4	5.0	439.8	333.8	4.6	428.0	351.6	4.3	415.3	371.0	3.9
	44	479.0	305.6	5.5	468.2	319.6	5.1	456.8	335.6	4.8	444.8	353.4	4.4	432.0	372.6	4.1
	45	487.8	307.0	5.6	477.0	320.6	5.2	465.5	336.6	4.8	453.3	354.2	4.5	440.5	373.4	4.1
	46	496.8	308.2	5.6	486.0	321.8	5.3	474.3	337.4	4.9	462.2	355.0	4.6	449.2	374.2	4.2
	48	515.3	310.8	5.8	504.2	324.0	5.4	492.3	339.4	5.1	479.8	356.8	4.7	466.7	375.8	4.3
SLCSC-600-2W	40	534.2	313.6	6.0	523.0	326.2	5.6	510.8	341.2	5.2	498.2	358.4	4.9	484.7	377.4	4.5
	42	499.8	335.6	5.2	488.2	352.6	4.8	476.2	371.4	4.5	463.6	392.0	4.1	450.4	414.0	3.8
	44	518.8	338.2	5.4	507.0	355.0	5.0	494.6	373.6	4.6	481.6	394.0	4.3	468.4	416.0	3.9
	45	538.6	341.0	5.5	526.4	357.2	5.2	513.6	375.6	4.8	500.6	395.8	4.4	486.6	418.0	4.1
	46	548.6	342.2	5.6	536.2	358.4	5.2	523.4	376.6	4.9	510.0	396.8	4.5	496.2	418.0	4.2
	48	558.6	343.6	5.7	546.2	359.6	5.3	533.2	377.8	4.9	519.6	397.8	4.6	505.6	420.0	4.2
SLCSC-200-4W	40	147.6	107.2	4.8	143.3	112.4	4.5	139.0	118.4	4.1	134.3	124.8	3.8	129.6	131.2	3.5
	42	153.3	108.8	4.9	149.0	114.0	4.6	144.6	119.6	4.2	140.0	125.6	3.9	135.0	132.4	3.6
	44	159.3	110.0	5.1	155.0	115.2	4.7	150.3	120.8	4.4	145.6	126.8	4.0	140.6	133.6	3.7
	45	162.3	110.8	5.1	158.0	115.6	4.8	153.3	121.2	4.4	148.6	127.6	4.1	143.3	134.0	3.7
	46	165.3	111.2	5.2	161.0	116.4	4.8	156.3	122.0	4.5	151.3	128.0	4.1	146.3	134.8	3.8
	48	171.6	112.8	5.3	167.3	118.0	5.0	162.6	123.2	4.6	157.3	129.2	4.3	152.3	136.0	3.9
SLCSC-240-4W	40	178.3	114.4	5.5	173.6	119.2	5.1	168.6	124.8	4.7	163.6	130.8	4.4	158.3	137.2	4.0
	42	182.6	130.8	4.9	178.3	137.6	4.5	173.6	144.8	4.2	168.6	152.8	3.9	163.3	161.6	3.5
	44	190.0	132.0	5.0	185.3	138.4	4.7	180.6	145.6	4.3	175.3	153.6	4.0	170.0	162.4	3.7
	45	197.0	132.8	5.2	192.6	139.6	4.8	187.6	146.8	4.5	182.3	154.8	4.1	176.6	163.2	3.8
	46	200.6	133.6	5.3	196.0	140.0	4.9	191.0	147.2	4.5	185.6	155.2	4.2	180.3	163.6	3.9
	48	204.6	134.0	5.3	199.6	140.8	5.0	194.6	148.0	4.6	189.3	155.6	4.3	183.6	164.4	3.9
50	212.3	135.2	5.5	207.3	141.6	5.1	202.3	148.8	4.8	196.6	156.8	4.4	190.6	165.2	4.0	
50	220.0	136.4	5.6	215.0	142.8	5.3	209.6	150.0	4.9	204.0	158.0	4.5	198.0	166.4	4.2	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-280-4W	40	217.6	152.4	5.0	211.3	158.8	4.7	204.6	166.4	4.3	197.3	174.4	4.0	189.6	183.2	3.6
	42	226.3	154.0	5.1	220.0	160.4	4.8	213.0	168.0	4.4	205.6	176.0	4.1	198.0	184.8	3.8
	44	235.3	156.0	5.3	229.0	162.4	4.9	222.0	169.6	4.6	214.3	177.6	4.2	206.3	186.4	3.9
	45	240.0	156.8	5.4	233.6	163.2	5.0	226.3	170.4	4.6	218.6	178.4	4.3	210.6	187.2	3.9
	46	244.6	158.0	5.4	238.0	164.0	5.1	231.0	171.2	4.7	223.3	179.2	4.4	215.0	188.0	4.0
	48	254.3	160.4	5.5	247.6	166.4	5.2	240.3	173.2	4.9	232.3	180.8	4.5	224.0	189.6	4.1
50	264.0	162.4	5.7	257.3	168.4	5.3	249.6	175.2	5.0	241.6	182.8	4.6	233.3	191.6	4.3	
SLCSC-320-4W	40	250.0	178.0	4.9	243.0	186.4	4.6	235.6	196.0	4.2	228.0	206.4	3.9	220.0	217.6	3.5
	42	259.6	180.0	5.0	252.6	188.4	4.7	245.0	198.0	4.3	237.3	208.4	4.0	229.0	219.6	3.6
	44	270.0	182.4	5.2	262.6	190.8	4.8	255.0	200.0	4.5	247.0	210.4	4.1	238.3	221.2	3.8
	45	275.0	183.2	5.3	267.6	191.6	4.9	260.0	201.2	4.5	251.6	211.2	4.2	243.3	222.0	3.8
	46	280.3	184.4	5.3	273.0	192.8	5.0	265.0	202.0	4.6	256.6	212.4	4.2	248.0	223.2	3.9
	48	291.0	186.8	5.5	283.3	195.2	5.1	275.3	204.4	4.7	267.0	214.4	4.4	258.0	225.2	4.0
50	302.0	189.6	5.6	294.3	197.6	5.2	286.0	206.8	4.8	277.3	216.4	4.5	268.3	227.2	4.1	
SLCSC-360-4W	40	283.6	198.4	5.0	277.0	208.4	4.7	269.6	219.6	4.3	262.0	232.0	4.0	253.6	245.2	3.6
	42	294.6	200.0	5.2	287.6	210.0	4.8	280.3	221.2	4.4	272.3	233.2	4.1	264.0	246.4	3.8
	44	306.0	201.6	5.3	298.6	211.6	4.9	291.0	222.8	4.6	283.0	234.8	4.2	274.3	248.0	3.9
	45	311.6	202.4	5.4	304.3	212.4	5.0	296.6	223.6	4.6	288.3	235.6	4.3	279.6	248.4	3.9
	46	317.3	203.6	5.5	310.0	213.2	5.1	302.3	224.4	4.7	294.0	236.4	4.4	286.3	249.2	4.0
	48	329.3	205.2	5.6	321.6	215.2	5.2	313.6	226.0	4.9	305.3	238.0	4.5	296.3	250.8	4.1
50	341.3	207.2	5.8	333.6	216.8	5.4	325.6	228.0	5.0	316.6	239.6	4.6	307.6	252.4	4.3	
SLCSC-440-4W	40	358.3	239.6	5.2	348.0	250.0	4.9	336.6	262.0	4.5	324.6	274.8	4.1	312.3	288.8	3.8
	42	373.0	242.8	5.4	362.3	252.8	5.0	351.0	264.4	4.6	338.6	277.2	4.3	325.6	291.2	3.9
	44	387.6	245.6	5.5	377.0	255.6	5.2	365.3	266.8	4.8	353.0	279.6	4.4	339.6	293.6	4.0
	45	395.3	247.2	5.6	384.3	257.2	5.2	372.6	268.4	4.9	360.3	280.8	4.5	347.0	294.8	4.1
	46	403.0	248.8	5.7	392.0	258.8	5.3	380.3	269.6	4.9	367.6	282.4	4.6	354.0	296.0	4.2
	48	418.6	252.4	5.8	407.6	262.0	5.4	395.6	272.8	5.1	382.6	285.2	4.7	369.0	298.8	4.3
50	435.0	256.0	5.9	423.6	265.2	5.6	411.3	276.0	5.2	398.0	288.0	4.8	384.0	301.6	4.5	
SLCSC-500-4W	40	407.0	277.2	5.1	395.6	290.8	4.8	383.6	305.6	4.4	371.3	321.6	4.0	358.3	339.2	3.7
	42	423.0	280.4	5.3	411.6	293.6	4.9	399.3	308.4	4.5	386.3	324.4	4.2	373.0	341.6	3.8
	44	439.6	284.0	5.4	427.6	297.2	5.0	415.3	311.6	4.7	402.0	327.6	4.3	388.3	344.4	3.9
	45	448.0	285.6	5.5	436.0	298.8	5.1	423.3	313.2	4.7	410.0	329.2	4.4	396.3	346.0	4.0
	46	456.6	287.6	5.6	444.3	300.4	5.2	431.6	314.8	4.8	418.0	330.8	4.4	404.0	347.6	4.1
	48	474.0	291.2	5.7	461.6	304.0	5.3	448.3	318.4	4.9	434.6	334.0	4.6	420.3	350.4	4.2
50	492.0	295.2	5.8	479.3	308.0	5.4	465.6	322.0	5.1	451.6	337.2	4.7	436.6	354.0	4.3	
SLCSC-560-4W	40	464.3	310.4	5.2	453.3	326.4	4.9	441.3	344.0	4.5	428.6	363.2	4.1	415.3	383.6	3.8
	42	482.3	313.2	5.4	470.6	328.8	5.0	458.6	346.4	4.6	445.6	365.2	4.3	432.0	385.6	3.9
	44	500.6	315.6	5.6	489.0	331.6	5.2	476.3	348.8	4.8	463.3	367.6	4.4	449.3	388.0	4.1
	45	510.0	317.2	5.6	498.0	332.8	5.2	485.6	350.0	4.9	472.0	368.8	4.5	458.0	389.2	4.1
	46	519.3	318.4	5.7	507.6	334.0	5.3	494.6	351.2	4.9	481.0	370.0	4.6	466.6	390.4	4.2
	48	539.0	321.2	5.9	526.6	336.8	5.5	513.6	354.0	5.1	499.6	372.4	4.7	485.0	392.8	4.3
50	558.6	324.0	6.0	546.3	339.6	5.6	532.6	356.8	5.2	518.3	375.2	4.8	503.3	395.2	4.5	
SLCSC-720-4W	40	615.0	404.0	5.3	597.3	422.0	5.0	578.3	441.6	4.6	557.6	463.6	4.2	536.3	487.2	3.9
	42	640.0	408.8	5.5	622.0	426.4	5.1	602.3	446.0	4.7	581.6	467.6	4.4	559.6	490.8	4.0
	44	665.3	414.0	5.6	647.0	430.8	5.3	627.3	450.0	4.9	606.0	471.6	4.5	583.3	494.8	4.1
	45	678.3	416.8	5.7	660.0	433.2	5.3	640.0	452.4	5.0	618.3	473.6	4.6	595.6	497.2	4.2
	46	691.6	419.2	5.8	673.0	436.0	5.4	652.6	454.8	5.0	631.0	476.0	4.6	608.0	499.2	4.3
	48	718.6	425.2	5.9	699.6	441.2	5.6	679.0	459.6	5.2	656.6	480.8	4.8	633.3	503.6	4.4
50	746.3	431.2	6.1	727.0	446.8	5.7	706.0	465.2	5.3	683.3	485.6	4.9	659.3	508.4	4.5	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F															
		85			90			95			100			105			
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	
SLCSC-840-4W	40	704.6	471.2	5.2	685.3	494.0	4.9	664.6	519.6	4.5	643.0	547.2	4.1	620.6	576.8	3.8	
	42	732.6	476.8	5.4	712.6	499.6	5.0	691.3	524.8	4.6	669.3	552.0	4.2	646.3	581.2	3.9	
	44	761.0	482.4	5.5	740.6	504.8	5.1	719.0	530.0	4.7	696.3	556.8	4.4	672.6	586.0	4.0	
	45	775.6	485.6	5.6	755.0	508.0	5.2	733.0	532.8	4.8	710.0	559.6	4.4	686.3	588.4	4.1	
	46	790.3	488.4	5.7	769.3	510.8	5.3	747.3	535.6	4.9	724.0	562.0	4.5	700.0	590.8	4.1	
	48	820.6	494.8	5.8	799.0	516.8	5.4	776.3	541.2	5.0	752.6	567.6	4.6	727.6	596.0	4.3	
	50	851.6	501.2	5.9	829.6	523.2	5.5	806.3	547.2	5.2	782.0	573.6	4.8	756.3	601.6	4.4	
	SLCSC-960-4W	40	801.3	526.4	5.3	782.0	553.2	4.9	761.6	583.2	4.6	740.0	615.6	4.2	717.0	650.4	3.9
		42	832.0	530.4	5.5	812.3	557.2	5.1	791.3	587.2	4.7	769.3	619.2	4.3	746.0	654.0	4.0
		44	863.6	534.8	5.7	843.6	561.6	5.3	822.3	591.2	4.9	799.3	623.2	4.5	775.3	657.6	4.1
		45	880.0	537.2	5.7	859.6	563.6	5.3	838.0	593.2	4.9	814.6	625.2	4.6	790.3	659.6	4.2
		46	896.3	539.2	5.8	875.6	566.0	5.4	853.6	595.2	5.0	830.3	627.2	4.6	805.6	661.6	4.3
	SLCSC-1120-4W	40	929.6	544.0	6.0	908.6	570.4	5.6	886.0	599.6	5.2	862.0	631.6	4.8	837.0	665.6	4.4
		42	964.0	548.8	6.1	942.6	575.2	5.7	919.3	604.4	5.3	894.6	636.0	4.9	868.6	670.0	4.5
		44	889.0	601.2	5.2	868.3	630.4	4.8	798.3	663.6	4.2	823.0	700.0	4.1	798.3	738.4	3.8
42		923.0	606.0	5.3	902.0	634.8	5.0	879.6	667.6	4.6	856.0	703.2	4.3	830.6	742.0	3.9	
44		958.0	611.2	5.5	936.3	639.2	5.1	913.6	671.2	4.8	889.6	706.8	4.4	864.0	745.2	4.1	
SLCSC-1200-4W	40	999.6	614.0	5.6	954.0	641.2	5.2	931.0	673.2	4.8	906.6	708.4	4.5	881.0	746.8	4.1	
	42	1037.6	616.4	5.6	972.0	643.6	5.3	948.6	674.8	4.9	924.3	710.0	4.6	898.3	748.4	4.2	
	44	1030.6	621.6	5.8	1008.3	648.0	5.4	984.6	678.8	5.1	959.6	713.6	4.7	933.3	751.6	4.3	
	45	1068.3	627.2	6.0	1046.0	652.4	5.6	1021.6	682.4	5.2	996.3	716.8	4.9	969.3	754.8	4.5	
	46	1117.2	627.2	5.2	1074.4	705.2	4.8	952.4	742.8	4.5	927.2	784.0	4.1	900.8	828.0	3.8	
SLCSC-50-1W	40	36.5	26.0	4.9	35.4	27.3	4.5	34.0	28.5	4.2	32.7	29.7	3.8	31.3	31.0	3.5	
	42	40.1	26.2	5.4	37.1	27.5	4.7	35.6	28.7	4.3	34.2	30.0	4.0	32.9	31.2	3.7	
	44	40.0	26.4	5.3	38.6	27.7	4.9	37.4	28.9	4.5	35.9	30.2	4.2	34.4	31.5	3.8	
	45	40.8	26.4	5.4	39.6	27.7	5.0	38.1	29.0	4.6	36.8	30.3	4.2	35.2	31.6	3.9	
	46	41.8	26.5	5.5	40.5	27.8	5.1	39.1	29.1	4.7	37.6	30.4	4.3	36.0	31.8	4.0	
	48	43.7	26.6	5.7	42.3	28.0	5.3	40.8	29.3	4.9	39.3	30.7	4.5	37.7	32.0	4.1	
	50	45.6	26.8	6.0	44.2	28.1	5.5	42.7	29.5	5.1	41.2	30.9	4.7	39.5	32.3	4.3	
	SLCSC-60-1W	40	42.8	28.1	5.3	41.5	29.6	4.9	40.1	31.1	4.5	38.6	32.6	4.1	37.1	34.3	3.8
		42	44.7	28.4	5.5	43.4	29.8	5.1	41.9	31.3	4.7	40.4	32.9	4.3	38.9	34.6	3.9
		44	46.7	28.6	5.7	45.4	30.0	5.3	43.9	31.5	4.9	42.3	33.1	4.5	40.7	34.8	4.1
		45	47.8	28.7	5.8	46.4	30.1	5.4	44.8	31.6	5.0	43.3	33.2	4.6	41.7	35.0	4.2
		46	48.8	28.8	5.9	47.4	30.3	5.5	45.9	31.8	5.1	44.3	33.4	4.6	42.6	35.1	4.3
	SLCSC-70-1W	40	50.9	29.1	6.1	49.5	30.5	5.7	47.9	32.0	5.2	46.2	33.6	4.8	44.5	35.3	4.4
		42	53.2	29.3	6.4	51.7	30.8	5.9	50.0	32.3	5.4	48.3	33.9	5.0	46.4	35.6	4.6
		44	47.6	31.9	5.2	46.1	33.5	4.8	44.5	35.1	4.4	43.1	36.9	4.1	41.4	38.7	3.7
42		49.7	32.3	5.4	48.2	33.8	5.0	46.6	35.5	4.6	45.0	37.2	4.2	43.4	39.1	3.9	
44		52.0	32.6	5.6	50.4	34.2	5.2	48.7	35.9	4.7	47.0	37.6	4.4	45.5	39.5	4.0	
SLCSC-80-1W	45	53.1	32.8	5.7	51.6	34.4	5.2	49.9	36.1	4.8	48.1	37.8	4.5	46.4	39.7	4.1	
	46	54.3	33.0	5.8	52.7	34.6	5.3	50.9	36.3	4.9	49.2	38.0	4.5	47.5	39.9	4.2	
	48	56.6	33.4	5.9	54.9	35.0	5.5	53.2	36.7	5.1	51.5	38.5	4.7	49.7	40.3	4.3	
	50	59.1	33.8	6.1	57.4	35.4	5.7	55.5	37.1	5.2	53.8	38.9	4.8	51.9	40.8	4.4	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-80-1W	40	59.7	38.0	5.5	58.0	39.9	5.1	56.0	41.9	4.7	54.1	44.1	4.3	52.1	46.5	3.9
	42	62.5	38.2	5.7	60.7	40.2	5.3	58.6	42.2	4.9	56.6	44.4	4.5	54.5	46.8	4.1
	44	65.3	38.4	6.0	63.3	40.4	5.5	61.3	42.5	5.0	59.2	44.7	4.6	57.0	47.1	4.2
	45	66.5	38.5	6.0	64.8	40.6	5.6	62.7	42.7	5.1	60.6	44.9	4.7	58.4	47.2	4.3
	46	68.3	38.6	6.2	66.2	40.7	5.7	64.1	42.9	5.2	62.0	45.1	4.8	59.7	47.4	4.4
	48	71.2	38.9	6.4	69.1	41.0	5.9	67.0	43.2	5.4	64.8	45.4	5.0	62.5	47.8	4.6
50	74.3	39.1	6.7	72.2	41.3	6.1	69.9	43.5	5.6	67.6	45.8	5.2	65.3	48.1	4.8	
SLCSC-90-1W	40	67.8	44.0	5.4	65.8	46.2	5.0	63.8	48.5	4.6	61.6	51.0	4.2	59.3	53.6	3.9
	42	70.9	44.4	5.6	68.9	46.6	5.2	66.7	48.9	4.8	64.4	51.3	4.4	62.2	53.9	4.0
	44	74.0	44.7	5.8	71.9	46.9	5.4	69.7	49.2	5.0	67.4	51.7	4.6	65.0	54.3	4.2
	45	75.7	44.9	5.9	73.5	47.1	5.5	71.3	49.4	5.1	69.0	51.9	4.7	66.5	54.5	4.3
	46	77.4	45.1	6.0	75.2	47.3	5.6	72.9	49.6	5.1	70.6	52.1	4.7	68.0	54.7	4.4
	48	80.6	45.5	6.2	78.5	47.7	5.8	76.1	50.0	5.3	73.7	52.5	4.9	71.2	55.1	4.5
50	84.2	45.9	6.4	81.9	48.1	6.0	79.5	50.4	5.5	77.0	52.9	5.1	74.3	55.5	4.7	
SLCSC-110-1W	40	78.5	49.9	5.5	76.4	52.6	5.1	74.1	55.5	4.7	71.7	58.7	4.3	69.3	62.2	3.9
	42	82.0	50.2	5.7	79.8	52.8	5.3	77.5	55.8	4.9	75.0	59.0	4.4	72.5	62.4	4.1
	44	85.6	50.5	5.9	83.3	53.1	5.5	80.9	56.0	5.1	78.3	59.2	4.6	75.8	62.7	4.2
	45	87.4	50.7	6.0	85.1	53.3	5.6	82.6	56.1	5.2	80.1	59.3	4.7	77.5	62.8	4.3
	46	89.1	50.8	6.1	86.9	53.4	5.7	84.4	56.3	5.2	81.8	59.4	4.8	79.1	62.9	4.4
	48	93.0	51.1	6.4	90.6	53.7	5.9	88.0	56.6	5.4	85.4	59.7	5.0	82.6	63.1	4.6
50	96.9	51.4	6.6	94.4	54.0	6.1	91.8	56.8	5.7	89.0	60.0	5.2	86.3	63.4	4.8	
SLCSC-125-1W	40	89.1	58.2	5.4	86.4	60.5	5.0	83.8	63.1	4.6	80.9	66.0	4.3	78.0	69.3	3.9
	42	93.1	59.0	5.5	90.4	61.2	5.2	87.6	63.8	4.8	84.6	66.7	4.4	81.7	70.0	4.1
	44	97.2	59.9	5.7	94.4	62.0	5.3	91.6	64.6	5.0	88.5	67.4	4.6	85.4	70.6	4.2
	45	99.4	60.3	5.8	96.5	62.5	5.4	93.7	65.0	5.0	90.6	67.8	4.7	87.5	71.0	4.3
	46	101.5	60.7	5.9	98.6	62.9	5.5	95.8	65.4	5.1	92.6	68.2	4.8	89.4	71.4	4.4
	48	105.8	61.8	6.0	103.0	63.8	5.7	100.0	66.2	5.3	96.7	69.0	4.9	93.5	72.1	4.5
50	110.5	62.9	6.1	107.4	64.8	5.8	104.3	67.2	5.4	101.1	69.9	5.1	97.7	72.9	4.7	
SLCSC-140-1W	40	102.2	63.3	5.6	99.1	66.1	5.2	95.9	69.3	4.8	92.7	72.8	4.5	89.5	76.6	4.1
	42	106.5	63.9	5.8	103.6	66.7	5.4	100.4	69.8	5.0	97.0	73.3	4.6	93.7	77.1	4.3
	44	110.8	64.5	6.0	108.3	67.2	5.6	104.9	70.3	5.2	101.4	73.8	4.8	98.0	77.6	4.4
	45	113.3	64.8	6.1	110.7	67.5	5.7	107.2	70.6	5.3	103.7	74.0	4.9	100.1	77.9	4.5
	46	115.7	65.1	6.2	113.2	67.8	5.8	109.6	70.9	5.4	106.1	74.3	5.0	102.4	78.1	4.6
	48	120.8	65.7	6.4	118.1	68.4	6.0	114.5	71.4	5.6	110.8	74.8	5.2	107.0	78.7	4.8
50	126.0	66.3	6.7	123.3	69.0	6.3	116.9	72.0	5.7	115.7	75.4	5.4	111.7	79.2	4.9	
SLCSC-180-1W	40	135.6	84.6	5.6	131.8	89.1	5.2	127.9	94.1	4.8	123.7	99.6	4.3	119.5	105.5	4.0
	42	141.5	85.1	5.8	137.7	89.6	5.4	133.7	94.5	5.0	129.4	100.0	4.5	125.0	105.8	4.1
	44	147.6	85.6	6.0	143.6	90.0	5.6	139.4	95.0	5.1	135.2	100.4	4.7	130.6	106.2	4.3
	45	150.7	85.9	6.1	146.7	90.3	5.7	142.5	95.2	5.2	138.1	100.6	4.8	133.6	106.4	4.4
	46	153.9	86.1	6.3	149.9	90.5	5.8	145.6	95.4	5.3	141.1	100.8	4.9	136.5	106.6	4.5
	48	160.4	86.6	6.5	156.2	91.0	6.0	151.9	95.9	5.5	147.3	101.2	5.1	142.6	107.1	4.7
50	167.2	87.1	6.7	162.9	91.5	6.2	158.3	96.4	5.7	153.6	101.7	5.3	148.8	107.5	4.8	
SLCSC-210-1W	40	151.9	99.7	5.3	148.2	103.6	5.0	143.4	108.1	4.6	138.6	113.1	4.3	133.6	118.7	3.9
	42	159.5	101.1	5.5	154.9	104.9	5.2	149.9	109.3	4.8	145.0	114.3	4.4	139.9	119.8	4.1
	44	166.6	102.6	5.7	161.8	106.3	5.3	156.8	110.6	5.0	151.6	115.5	4.6	146.3	121.0	4.2
	45	170.2	103.3	5.8	165.4	107.0	5.4	160.3	111.3	5.0	155.1	116.1	4.7	149.7	121.6	4.3
	46	173.9	104.1	5.8	168.9	107.7	5.5	163.9	112.0	5.1	158.6	116.8	4.8	153.1	122.2	4.4
	48	181.4	105.8	6.0	176.3	109.3	5.6	171.2	113.5	5.3	165.7	118.2	4.9	160.0	123.5	4.5
50	189.2	107.7	6.1	184.0	111.1	5.8	178.6	115.1	5.4	173.0	119.7	5.1	167.3	124.9	4.7	

Rating For R-134A



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-240-1W	40	173.8	107.7	5.6	168.5	112.5	5.2	163.2	117.8	4.8	157.7	123.7	4.5	152.0	130.3	4.1
	42	181.7	108.7	5.8	176.2	113.4	5.4	170.7	118.7	5.0	165.1	124.6	4.6	159.2	131.2	4.2
	44	189.8	109.6	6.1	184.2	114.3	5.6	178.4	119.6	5.2	172.5	125.5	4.8	166.5	132.0	4.4
	45	193.9	110.2	6.2	188.2	114.8	5.7	182.4	120.1	5.3	176.4	125.9	4.9	170.3	132.5	4.5
	46	198.2	110.7	6.3	192.5	115.3	5.8	186.5	120.5	5.4	180.4	126.4	5.0	174.1	132.9	4.6
	48	207.0	111.7	6.5	200.9	116.3	6.0	194.7	121.5	5.6	188.4	127.3	5.2	182.0	133.8	4.8
50	215.9	112.8	6.7	209.7	117.3	6.3	203.3	122.5	5.8	196.8	128.2	5.4	190.1	134.7	4.9	
SLCSC-100-2W	40	73.1	52.0	4.9	70.8	54.6	4.5	68.0	57.0	4.2	65.3	59.4	3.8	62.6	62.0	3.5
	42	80.3	52.4	5.4	74.1	55.0	4.7	71.2	57.4	4.3	68.5	60.0	4.0	65.7	62.4	3.7
	44	80.0	52.8	5.3	77.3	55.4	4.9	74.8	57.8	4.5	71.8	60.4	4.2	68.9	63.0	3.8
	45	81.7	52.8	5.4	79.2	55.4	5.0	76.2	58.0	4.6	73.5	60.6	4.2	70.4	63.2	3.9
	46	83.6	53.0	5.5	81.1	55.6	5.1	78.1	58.2	4.7	75.2	60.8	4.3	72.0	63.6	4.0
	48	87.4	53.2	5.7	84.6	56.0	5.3	81.7	58.6	4.9	78.5	61.4	4.5	75.4	64.0	4.1
50	91.1	53.6	6.0	88.4	56.2	5.5	85.5	59.0	5.1	82.3	61.8	4.7	79.0	64.6	4.3	
SLCSC-120-2W	40	85.7	56.2	5.3	83.0	59.2	4.9	80.2	62.2	4.5	77.3	65.2	4.1	74.1	68.6	3.8
	42	89.5	56.8	5.5	86.7	59.6	5.1	83.8	62.6	4.7	80.9	65.8	4.3	77.7	69.2	3.9
	44	93.5	57.2	5.7	90.7	60.0	5.3	87.8	63.0	4.9	84.6	66.2	4.5	81.5	69.6	4.1
	45	95.6	57.4	5.8	92.8	60.2	5.4	89.7	63.2	5.0	86.5	66.4	4.6	83.4	70.0	4.2
	46	97.7	57.6	5.9	94.7	60.6	5.5	91.8	63.6	5.1	88.6	66.8	4.6	85.3	70.2	4.3
	48	101.9	58.2	6.1	98.9	61.0	5.7	95.8	64.0	5.2	92.4	67.2	4.8	89.0	70.6	4.4
50	106.5	58.6	6.4	103.3	61.6	5.9	100.0	64.6	5.4	96.6	67.8	5.0	92.8	71.2	4.6	
SLCSC-140-2W	40	95.1	63.8	5.2	92.2	67.0	4.8	89.0	70.2	4.4	86.1	73.8	4.1	82.7	77.4	3.7
	42	99.3	64.6	5.4	96.4	67.6	5.0	93.2	71.0	4.6	90.1	74.4	4.2	86.7	78.2	3.9
	44	104.0	65.2	5.6	100.8	68.4	5.2	97.4	71.8	4.7	94.1	75.2	4.4	90.9	79.0	4.0
	45	106.3	65.6	5.7	103.1	68.8	5.2	99.8	72.2	4.8	96.2	75.6	4.5	92.8	79.4	4.1
	46	108.6	66.0	5.8	105.4	69.2	5.3	101.9	72.6	4.9	98.5	76.0	4.5	94.9	79.8	4.2
	48	113.2	66.8	5.9	109.8	70.0	5.5	106.5	73.4	5.1	102.9	77.0	4.7	99.3	80.6	4.3
50	118.2	67.6	6.1	114.9	70.8	5.7	111.1	74.2	5.2	107.5	77.8	4.8	103.7	81.6	4.4	
SLCSC-160-2W	40	119.5	76.0	5.5	115.9	79.8	5.1	111.9	83.8	4.7	108.2	88.2	4.3	104.2	93.0	3.9
	42	125.0	76.4	5.7	121.4	80.4	5.3	117.2	84.4	4.9	113.2	88.8	4.5	109.0	93.6	4.1
	44	130.6	76.8	6.0	126.6	80.8	5.5	122.6	85.0	5.0	118.4	89.4	4.6	114.0	94.2	4.2
	45	132.9	77.0	6.0	129.6	81.2	5.6	125.4	85.4	5.1	121.2	89.8	4.7	116.8	94.4	4.3
	46	136.5	77.2	6.2	132.3	81.4	5.7	128.1	85.8	5.2	123.9	90.2	4.8	119.5	94.8	4.4
	48	142.4	77.8	6.4	138.2	82.0	5.9	134.0	86.4	5.4	129.6	90.8	5.0	125.0	95.6	4.6
50	148.7	78.2	6.7	144.5	82.6	6.1	139.9	87.0	5.6	135.2	91.6	5.2	130.6	96.2	4.8	
SLCSC-180-2W	40	135.7	88.0	5.4	131.7	92.4	5.0	127.7	97.0	4.6	123.3	102.0	4.2	118.7	107.2	3.9
	42	141.8	88.8	5.6	137.8	93.2	5.2	133.4	97.8	4.8	128.7	102.6	4.4	124.3	107.8	4.0
	44	148.1	89.4	5.8	143.9	93.8	5.4	139.4	98.4	5.0	134.8	103.4	4.6	130.0	108.6	4.2
	45	151.4	89.8	5.9	147.0	94.2	5.5	142.6	98.8	5.1	138.0	103.8	4.7	132.9	109.0	4.3
	46	154.8	90.2	6.0	150.4	94.6	5.6	145.7	99.2	5.1	141.1	104.2	4.7	136.1	109.4	4.4
	48	161.3	91.0	6.2	157.1	95.4	5.8	152.3	100.0	5.3	147.4	105.0	4.9	142.4	110.2	4.5
50	168.4	91.8	6.4	163.8	96.2	6.0	159.0	100.8	5.5	153.9	105.8	5.1	148.7	111.0	4.7	
SLCSC-220-2W	40	157.1	99.8	5.5	152.9	105.2	5.1	148.3	111.0	4.7	143.4	117.4	4.3	138.6	124.4	3.9
	42	164.0	100.4	5.7	159.6	105.6	5.3	155.0	111.6	4.9	149.9	118.0	4.4	144.9	124.8	4.1
	44	171.2	101.0	5.9	166.5	106.2	5.5	161.7	112.0	5.1	156.7	118.4	4.6	151.6	125.4	4.2
	45	174.7	101.4	6.0	170.1	106.6	5.6	165.3	112.2	5.2	160.2	118.6	4.7	155.0	125.6	4.3
	46	178.3	101.6	6.1	173.9	106.8	5.7	168.8	112.6	5.2	163.6	118.8	4.8	158.1	125.8	4.4
	48	186.1	102.2	6.4	181.2	107.4	5.9	176.0	113.2	5.4	170.7	119.4	5.0	165.3	126.2	4.6
50	193.8	102.8	6.6	188.8	108.0	6.1	183.5	113.6	5.7	178.1	120.0	5.2	172.6	126.8	4.8	

Rating For R-134A



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-250-2W	40	178.3	116.4	5.4	172.8	121.0	5.0	167.6	126.2	4.6	161.7	132.0	4.3	156.0	138.6	3.9
	42	186.3	118.0	5.5	180.8	122.4	5.2	175.1	127.6	4.8	169.3	133.4	4.4	163.4	140.0	4.1
	44	194.5	119.8	5.7	188.8	124.0	5.3	183.1	129.2	5.0	177.0	134.8	4.6	170.7	141.2	4.2
	45	198.9	120.6	5.8	193.0	125.0	5.4	187.3	130.0	5.0	181.2	135.6	4.7	174.9	142.0	4.3
	46	203.1	121.4	5.9	197.2	125.8	5.5	191.5	130.8	5.1	185.2	136.4	4.8	178.7	142.8	4.4
	48	211.7	123.6	6.0	206.0	127.6	5.7	199.9	132.4	5.3	193.4	138.0	4.9	186.9	144.2	4.5
50	220.9	125.8	6.1	214.8	129.6	5.8	208.5	134.4	5.4	202.2	139.8	5.1	195.3	145.8	4.7	
SLCSC-280-2W	40	204.3	126.6	5.6	198.2	132.2	5.2	191.7	138.6	4.8	185.4	145.6	4.5	178.9	153.2	4.1
	42	213.8	127.8	5.8	207.3	133.4	5.4	200.8	139.6	5.0	194.0	146.6	4.6	187.3	154.2	4.3
	44	223.2	129.0	6.0	216.5	134.4	5.6	209.8	140.6	5.2	202.9	147.6	4.8	195.9	155.2	4.4
	45	228.1	129.6	6.1	221.3	135.0	5.7	214.4	141.2	5.3	207.5	148.0	4.9	200.1	155.8	4.5
	46	233.1	130.2	6.2	226.4	135.6	5.8	219.2	141.8	5.4	212.1	148.6	5.0	204.8	156.2	4.6
	48	243.2	131.4	6.4	236.3	136.8	6.0	228.9	142.8	5.6	221.6	149.6	5.2	214.0	157.4	4.8
50	253.9	132.6	6.7	246.5	138.0	6.3	233.7	144.0	5.7	231.4	150.8	5.4	223.4	158.4	4.9	
SLCSC-360-2W	40	271.1	169.2	5.6	263.6	178.2	5.2	255.8	188.2	4.8	247.4	199.2	4.3	239.0	211.0	4.0
	42	283.1	170.2	5.8	275.3	179.2	5.4	267.3	189.0	5.0	258.7	200.0	4.5	249.9	211.6	4.1
	44	295.3	171.2	6.0	287.3	180.0	5.6	278.9	190.0	5.1	270.5	200.8	4.7	261.2	212.4	4.3
	45	301.4	171.8	6.1	293.4	180.6	5.7	285.0	190.4	5.2	276.2	201.2	4.8	267.1	212.8	4.4
	46	307.9	172.2	6.3	299.9	181.0	5.8	291.3	190.8	5.3	282.2	201.6	4.9	273.0	213.2	4.5
	48	320.9	173.2	6.5	312.5	182.0	6.0	303.9	191.8	5.5	294.6	202.4	5.1	285.2	214.2	4.7
50	334.3	174.2	6.7	325.7	183.0	6.2	316.7	192.8	5.7	307.2	203.4	5.3	297.6	215.0	4.8	
SLCSC-420-2W	40	305.3	199.4	5.3	296.3	207.2	5.0	286.9	216.2	4.6	277.2	226.2	4.3	267.1	237.4	3.9
	42	319.0	202.2	5.5	309.8	209.8	5.2	299.9	218.6	4.8	290.0	228.6	4.4	279.7	239.6	4.1
	44	333.3	205.2	5.7	323.6	212.6	5.3	313.5	221.2	5.0	303.2	231.0	4.6	292.5	242.0	4.2
	45	340.4	206.6	5.8	330.8	214.0	5.4	320.7	222.6	5.0	310.2	232.2	4.7	299.5	243.2	4.3
	46	347.8	208.2	5.8	337.9	215.4	5.5	327.8	224.0	5.1	317.1	233.6	4.8	306.2	244.4	4.4
	48	362.9	211.6	6.0	352.6	218.6	5.6	342.3	227.0	5.3	331.4	236.4	4.9	320.0	247.0	4.5
50	378.4	215.4	6.1	367.9	222.2	5.8	357.2	230.2	5.4	346.1	239.4	5.1	334.5	249.8	4.7	
SLCSC-480-2W	40	347.6	215.4	5.6	337.1	225.0	5.2	326.3	235.6	4.8	315.4	247.4	4.5	304.1	260.6	4.1
	42	363.3	217.4	5.8	352.4	226.8	5.4	341.5	237.4	5.0	330.1	249.2	4.6	318.4	262.4	4.2
	44	379.7	219.2	6.1	368.3	228.6	5.6	356.8	239.2	5.2	345.0	251.0	4.8	333.1	264.0	4.4
	45	387.9	220.4	6.2	376.3	229.6	5.7	364.8	240.2	5.3	352.8	251.8	4.9	340.6	265.0	4.5
	46	396.5	221.4	6.3	384.9	230.6	5.8	373.0	241.0	5.4	360.8	252.8	5.0	348.2	265.8	4.6
	48	413.9	223.4	6.5	401.7	232.6	6.0	389.3	243.0	5.6	376.7	254.6	5.2	363.9	267.6	4.8
50	431.8	225.6	6.7	419.4	234.6	6.3	406.6	245.0	5.8	393.5	256.4	5.4	380.1	269.4	4.9	
SLCSC-200-4W	40	146.2	104.0	4.9	141.5	109.2	4.5	136.1	114.0	4.2	130.6	118.8	3.8	125.2	124.0	3.5
	42	160.5	104.8	5.4	148.3	110.0	4.7	142.4	114.8	4.3	136.9	120.0	4.0	131.5	124.8	3.7
	44	160.0	105.6	5.3	154.6	110.8	4.9	149.5	115.6	4.5	143.6	120.8	4.2	137.8	126.0	3.8
	45	163.4	105.6	5.4	158.3	110.8	5.0	152.5	116.0	4.6	147.0	121.2	4.2	140.7	126.4	3.9
	46	167.2	106.0	5.5	162.1	111.2	5.1	156.2	116.4	4.7	150.4	121.6	4.3	144.1	127.2	4.0
	48	174.7	106.4	5.7	169.3	112.0	5.3	163.4	117.2	4.9	157.1	122.8	4.5	150.8	128.0	4.1
50	182.3	107.2	6.0	176.8	112.4	5.5	170.9	118.0	5.1	164.6	123.6	4.7	157.9	129.2	4.3	
SLCSC-240-4W	40	171.4	112.4	5.3	165.9	118.4	4.9	160.4	124.4	4.5	154.6	130.4	4.1	148.3	137.2	3.8
	42	178.9	113.6	5.5	173.5	119.2	5.1	167.6	125.2	4.7	161.7	131.6	4.3	155.4	138.4	3.9
	44	186.9	114.4	5.7	181.4	120.0	5.3	175.6	126.0	4.9	169.3	132.4	4.5	163.0	139.2	4.1
	45	191.1	114.8	5.8	185.6	120.4	5.4	179.3	126.4	5.0	173.0	132.8	4.6	166.7	140.0	4.2
	46	195.3	115.2	5.9	189.4	121.2	5.5	183.5	127.2	5.1	177.2	133.6	4.6	170.5	140.4	4.3
	48	203.7	116.4	6.1	197.8	122.0	5.7	191.5	128.0	5.2	184.8	134.4	4.8	178.1	141.2	4.4
50	212.9	117.2	6.4	206.6	123.2	5.9	199.9	129.2	5.4	193.2	135.6	5.0	185.6	142.4	4.6	

Rating For R-134A



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-280-4W	40	190.3	127.6	5.2	184.4	134.0	4.8	178.1	140.4	4.4	172.2	147.6	4.1	165.5	154.8	3.7
	42	198.7	129.2	5.4	192.8	135.2	5.0	186.5	142.0	4.6	180.2	148.8	4.2	173.5	156.4	3.9
	44	207.9	130.4	5.6	201.6	136.8	5.2	194.9	143.6	4.7	188.2	150.4	4.4	181.9	158.0	4.0
	45	212.5	131.2	5.7	206.2	137.6	5.2	199.5	144.4	4.8	192.4	151.2	4.5	185.6	158.8	4.1
	46	217.1	132.0	5.8	210.8	138.4	5.3	203.7	145.2	4.9	197.0	152.0	4.5	189.8	159.6	4.2
	48	226.4	133.6	5.9	219.7	140.0	5.5	212.9	146.8	5.1	205.8	154.0	4.7	198.7	161.2	4.3
50	236.5	135.2	6.1	229.7	141.6	5.7	222.2	148.4	5.2	215.0	155.6	4.8	207.5	163.2	4.4	
SLCSC-320-4W	40	239.0	152.0	5.5	231.8	159.6	5.1	223.9	167.6	4.7	216.3	176.4	4.3	208.3	186.0	3.9
	42	249.9	152.8	5.7	242.8	160.8	5.3	234.4	168.8	4.9	226.4	177.6	4.5	218.0	187.2	4.1
	44	261.2	153.6	6.0	253.3	161.6	5.5	245.3	170.0	5.0	236.9	178.8	4.6	228.1	188.4	4.2
	45	265.9	154.0	6.0	259.1	162.4	5.6	250.7	170.8	5.1	242.3	179.6	4.7	233.5	188.8	4.3
	46	273.0	154.4	6.2	264.6	162.8	5.7	256.2	171.6	5.2	247.8	180.4	4.8	239.0	189.6	4.4
	48	284.8	155.6	6.4	276.4	164.0	5.9	268.0	172.8	5.4	259.1	181.6	5.0	249.9	191.2	4.6
50	297.4	156.4	6.7	289.0	165.2	6.1	279.7	174.0	5.6	270.5	183.2	5.2	261.2	192.4	4.8	
SLCSC-360-4W	40	271.3	176.0	5.4	263.3	184.8	5.0	255.4	194.0	4.6	246.5	204.0	4.2	237.3	214.4	3.9
	42	283.5	177.6	5.6	275.5	186.4	5.2	266.7	195.6	4.8	257.5	205.2	4.4	248.6	215.6	4.0
	44	296.1	178.8	5.8	287.7	187.6	5.4	278.9	196.8	5.0	269.6	206.8	4.6	260.0	217.2	4.2
	45	302.8	179.6	5.9	294.0	188.4	5.5	285.2	197.6	5.1	275.9	207.6	4.7	265.9	218.0	4.3
	46	309.5	180.4	6.0	300.7	189.2	5.6	291.5	198.4	5.1	282.2	208.4	4.7	272.2	218.8	4.4
	48	322.6	182.0	6.2	314.2	190.8	5.8	304.5	200.0	5.3	294.8	210.0	4.9	284.8	220.4	4.5
50	336.8	183.6	6.4	327.6	192.4	6.0	317.9	201.6	5.5	307.9	211.6	5.1	297.4	222.0	4.7	
SLCSC-440-4W	40	314.2	199.6	5.5	305.8	210.4	5.1	296.5	222.0	4.7	286.9	234.8	4.3	277.2	248.8	3.9
	42	328.0	200.8	5.7	319.2	211.2	5.3	310.0	223.2	4.9	299.9	236.0	4.4	289.8	249.6	4.1
	44	342.3	202.0	5.9	333.1	212.4	5.5	323.4	224.0	5.1	313.3	236.8	4.6	303.2	250.8	4.2
	45	349.4	202.8	6.0	340.2	213.2	5.6	330.5	224.4	5.2	320.5	237.2	4.7	310.0	251.2	4.3
	46	356.6	203.2	6.1	347.8	213.6	5.7	337.7	225.2	5.2	327.2	237.6	4.8	316.3	251.6	4.4
	48	372.1	204.4	6.4	362.5	214.8	5.9	352.0	226.4	5.4	341.5	238.8	5.0	330.5	252.4	4.6
50	387.7	205.6	6.6	377.6	216.0	6.1	367.1	227.2	5.7	356.2	240.0	5.2	345.2	253.6	4.8	
SLCSC-500-4W	40	356.6	232.8	5.4	345.7	242.0	5.0	335.2	252.4	4.6	323.4	264.0	4.3	312.1	277.2	3.9
	42	372.5	236.0	5.5	361.6	244.8	5.2	350.3	255.2	4.8	338.5	266.8	4.4	326.8	280.0	4.1
	44	388.9	239.6	5.7	377.6	248.0	5.3	366.2	258.4	5.0	354.1	269.6	4.6	341.5	282.4	4.2
	45	397.7	241.2	5.8	386.0	250.0	5.4	374.6	260.0	5.0	362.5	271.2	4.7	349.9	284.0	4.3
	46	406.1	242.8	5.9	394.4	251.6	5.5	383.0	261.6	5.1	370.4	272.8	4.8	357.4	285.6	4.4
	48	423.4	247.2	6.0	412.0	255.2	5.7	399.8	264.8	5.3	386.8	276.0	4.9	373.8	288.4	4.5
50	441.8	251.6	6.1	429.7	259.2	5.8	417.1	268.8	5.4	404.5	279.6	5.1	390.6	291.6	4.7	
SLCSC-560-4W	40	408.7	253.2	5.6	396.5	264.4	5.2	383.5	277.2	4.8	370.9	291.2	4.5	357.8	306.4	4.1
	42	427.6	255.6	5.8	414.5	266.8	5.4	401.5	279.2	5.0	388.1	293.2	4.6	374.6	308.4	4.3
	44	446.5	258.0	6.0	433.0	268.8	5.6	419.6	281.2	5.2	405.7	295.2	4.8	391.9	310.4	4.4
	45	456.1	259.2	6.1	442.7	270.0	5.7	428.8	282.4	5.3	415.0	296.0	4.9	400.3	311.6	4.5
	46	466.2	260.4	6.2	452.8	271.2	5.8	438.5	283.6	5.4	424.2	297.2	5.0	409.5	312.4	4.6
	48	486.4	262.8	6.4	472.5	273.6	6.0	457.8	285.6	5.6	443.1	299.2	5.2	428.0	314.8	4.8
50	507.8	265.2	6.7	493.1	276.0	6.3	467.5	288.0	5.7	462.8	301.6	5.4	446.9	316.8	4.9	
SLCSC-720-4W	40	542.2	338.4	5.6	527.1	356.4	5.2	511.6	376.4	4.8	494.8	398.4	4.3	478.0	422.0	4.0
	42	566.2	340.4	5.8	550.6	358.4	5.4	534.7	378.0	5.0	517.4	400.0	4.5	499.8	423.2	4.1
	44	590.5	342.4	6.0	574.6	360.0	5.6	557.8	380.0	5.1	541.0	401.6	4.7	522.5	424.8	4.3
	45	602.7	343.6	6.1	586.7	361.2	5.7	569.9	380.8	5.2	552.3	402.4	4.8	534.2	425.6	4.4
	46	615.7	344.4	6.3	599.8	362.0	5.8	582.5	381.6	5.3	564.5	403.2	4.9	546.0	426.4	4.5
	48	641.8	346.4	6.5	625.0	364.0	6.0	607.7	383.6	5.5	589.3	404.8	5.1	570.4	428.4	4.7
50	668.6	348.4	6.7	651.4	366.0	6.2	633.4	385.6	5.7	614.5	406.8	5.3	595.1	430.0	4.8	

Rating For R-134A



	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			85			90			95			100			105		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
Rating For R-134A	SLCSC-840-4W	40	610.7	398.8	5.3	592.6	414.4	5.0	573.7	432.4	4.6	554.4	452.4	4.3	534.2	474.8	3.9
		42	638.0	404.4	5.5	619.5	419.6	5.2	599.8	437.2	4.8	580.0	457.2	4.4	559.4	479.2	4.1
		44	666.5	410.4	5.7	647.2	425.2	5.3	627.1	442.4	5.0	606.5	462.0	4.6	585.1	484.0	4.2
		45	680.8	413.2	5.8	661.5	428.0	5.4	641.3	445.2	5.0	620.3	464.4	4.7	598.9	486.4	4.3
		46	695.5	416.4	5.8	675.8	430.8	5.5	655.6	448.0	5.1	634.2	467.2	4.8	612.4	488.8	4.4
		48	725.8	423.2	6.0	705.2	437.2	5.6	684.6	454.0	5.3	662.8	472.8	4.9	640.1	494.0	4.5
		50	756.8	430.8	6.1	735.8	444.4	5.8	714.4	460.4	5.4	692.2	478.8	5.1	669.1	499.6	4.7
	SLCSC-960-4W	40	695.1	430.8	5.6	674.1	450.0	5.2	652.7	471.2	4.8	630.8	494.8	4.5	608.2	521.2	4.1
		42	726.6	434.8	5.8	704.8	453.6	5.4	682.9	474.8	5.0	660.2	498.4	4.6	636.7	524.8	4.2
		44	759.4	438.4	6.1	736.7	457.2	5.6	713.6	478.4	5.2	690.1	502.0	4.8	666.1	528.0	4.4
		45	775.7	440.8	6.2	752.6	459.2	5.7	729.5	480.4	5.3	705.6	503.6	4.9	681.2	530.0	4.5
		46	793.0	442.8	6.3	769.9	461.2	5.8	745.9	482.0	5.4	721.6	505.6	5.0	696.4	531.6	4.6
		48	827.8	446.8	6.5	803.5	465.2	6.0	778.7	486.0	5.6	753.5	509.2	5.2	727.9	535.2	4.8
		50	863.5	451.2	6.7	838.7	469.2	6.3	813.1	490.0	5.8	787.1	512.8	5.4	760.2	538.8	4.9
	Rating For R-407C	SLCSC-50-1W	40	38.2	27.2	4.9	37.0	28.6	4.5	35.5	30.2	4.1	34.0	31.8	3.7	32.6	33.6
42			39.9	27.5	5.1	38.5	28.9	4.7	37.1	30.5	4.3	35.5	32.1	3.9	34.0	33.9	3.5
44			41.6	27.9	5.2	40.2	29.3	4.8	38.6	30.8	4.4	37.1	32.4	4.0	35.5	34.2	3.6
45			42.4	28.1	5.3	41.1	29.5	4.9	39.5	31.0	4.5	37.9	32.6	4.1	36.3	34.3	3.7
46			43.4	28.3	5.4	41.8	29.7	4.9	40.3	31.2	4.5	38.7	32.8	4.1	37.1	34.5	3.8
48			45.2	28.7	5.5	43.6	30.1	5.1	42.0	31.6	4.7	40.3	33.1	4.3	38.6	34.8	3.9
50			46.9	29.1	5.6	45.4	30.5	5.2	43.8	32.0	4.8	42.1	33.5	4.4	40.3	35.2	4.0
SLCSC-60-1W		40	47.3	33.4	5.0	45.6	35.1	4.5	43.9	37.0	4.2	42.2	39.0	3.8	40.4	41.2	3.4
		42	49.2	33.8	5.1	47.6	35.5	4.7	45.9	37.4	4.3	44.0	39.4	3.9	42.2	41.6	3.6
		44	51.3	34.2	5.3	49.7	36.0	4.8	47.8	37.8	4.4	45.9	39.8	4.0	44.0	41.9	3.7
		45	52.4	34.4	5.3	50.6	36.2	4.9	48.7	38.0	4.5	46.9	40.0	4.1	44.8	42.1	3.7
		46	53.4	34.7	5.4	51.7	36.4	5.0	49.8	38.3	4.5	47.9	40.2	4.2	45.9	42.3	3.8
		48	55.7	35.1	5.5	53.9	36.9	5.1	51.9	38.8	4.7	49.9	40.7	4.3	47.8	42.8	3.9
		50	58.0	35.7	5.7	56.0	37.5	5.2	54.0	39.3	4.8	52.0	41.2	4.4	49.8	43.2	4.0
SLCSC-70-1W		40	55.0	38.7	5.0	53.0	40.8	4.5	51.0	43.0	4.2	48.9	45.5	3.8	46.8	48.2	3.4
	42	57.3	39.1	5.1	55.3	41.1	4.7	53.3	43.4	4.3	51.1	45.8	3.9	48.9	48.4	3.5	
	44	59.7	39.5	5.3	57.6	41.5	4.9	55.5	43.7	4.4	54.4	46.1	4.1	51.1	48.7	3.7	
	45	61.0	39.7	5.4	58.9	41.7	4.9	56.7	43.9	4.5	54.5	46.3	4.1	52.2	48.9	3.7	
	46	62.3	40.0	5.4	60.2	41.9	5.0	58.0	44.1	4.6	55.7	46.4	4.2	53.3	49.0	3.8	
	48	64.8	40.4	5.6	62.7	42.4	5.2	60.4	44.5	4.7	58.1	46.8	4.3	55.7	49.3	4.0	
	50	67.4	40.9	5.8	65.3	42.8	5.3	62.9	44.9	4.9	60.5	47.1	4.5	58.0	49.6	4.1	
SLCSC-80-1W	40	64.8	45.1	5.0	62.6	47.4	4.6	60.2	50.0	4.2	57.8	52.7	3.8	55.2	55.6	3.5	
	42	67.6	45.6	5.2	65.3	48.0	4.8	62.8	50.5	4.4	60.3	53.2	4.0	57.6	56.1	3.6	
	44	70.5	46.2	5.3	68.0	48.5	4.9	65.5	51.1	4.5	62.9	53.7	4.1	60.2	56.6	3.7	
	45	71.9	46.5	5.4	69.5	48.8	5.0	66.9	51.3	4.6	64.3	54.0	4.2	61.5	56.9	3.8	
	46	73.4	46.8	5.5	71.0	49.2	5.0	68.4	51.7	4.6	65.6	54.3	4.2	62.8	57.1	3.8	
	48	76.4	47.5	5.6	73.8	49.8	5.2	71.2	52.3	4.8	68.5	54.9	4.4	65.5	57.7	4.0	
	50	79.5	48.2	5.8	76.9	50.5	5.3	74.2	53.0	4.9	71.3	55.5	4.5	68.4	58.3	4.1	
SLCSC-90-1W	40	73.3	50.7	5.1	70.8	53.3	4.6	68.1	56.2	4.2	65.5	59.2	3.9	62.8	62.5	3.5	
	42	76.4	51.3	5.2	73.8	53.9	4.8	71.2	56.8	4.4	68.4	59.8	4.0	65.4	63.1	3.6	
	44	79.6	51.9	5.4	77.0	54.6	4.9	74.1	57.4	4.5	71.3	60.4	4.1	68.4	63.7	3.8	
	45	81.3	52.3	5.4	78.5	54.9	5.0	75.7	57.7	4.6	72.8	60.7	4.2	69.7	64.0	3.8	
	46	83.0	52.6	5.5	80.1	55.3	5.1	77.3	58.1	4.7	74.3	61.1	4.3	71.2	64.3	3.9	
	48	86.4	53.3	5.7	83.5	56.1	5.2	80.5	58.8	4.8	77.5	61.8	4.4	74.3	64.9	4.0	
	50	89.9	54.1	5.8	86.8	56.9	5.3	83.8	59.6	4.9	80.6	62.5	4.5	77.4	65.6	4.1	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-110-1W	40	91.6	61.0	5.3	88.5	64.2	4.8	85.4	67.8	4.4	82.1	71.6	4.0	78.6	75.8	3.6
	42	95.4	61.6	5.4	92.3	64.8	5.0	89.0	68.3	4.6	85.7	72.1	4.2	82.2	76.2	3.8
	44	99.4	62.2	5.6	96.3	65.4	5.2	92.9	68.8	4.7	89.5	72.6	4.3	85.9	76.7	3.9
	45	101.5	62.5	5.7	98.3	65.7	5.2	94.8	69.1	4.8	91.4	72.8	4.4	87.7	76.9	4.0
	46	103.6	62.9	5.8	100.3	66.0	5.3	96.9	69.4	4.9	93.2	73.1	4.5	89.6	77.1	4.1
	48	107.9	63.6	5.9	104.5	66.7	5.5	101.0	70.0	5.1	97.3	73.6	4.6	93.5	77.6	4.2
50	112.2	64.4	6.1	108.8	67.4	5.6	105.2	70.6	5.2	101.4	74.2	4.8	97.4	78.1	4.4	
SLCSC-125-1W	40	105.6	70.2	5.3	102.0	73.9	4.8	98.1	77.9	4.4	94.1	82.2	4.0	89.9	86.7	3.6
	42	110.1	71.0	5.4	106.4	74.7	5.0	102.4	78.7	4.6	98.3	83.0	4.1	93.9	87.5	3.8
	44	114.8	72.0	5.6	110.9	75.6	5.1	106.8	79.6	4.7	102.5	83.8	4.3	98.1	88.3	3.9
	45	117.2	72.4	5.7	113.2	76.1	5.2	109.0	80.0	4.8	104.7	84.2	4.4	100.2	88.7	4.0
	46	119.6	72.9	5.7	115.6	76.6	5.3	111.3	80.5	4.8	106.9	84.7	4.4	102.4	89.1	4.0
	48	124.5	74.0	5.9	120.4	77.6	5.4	116.0	81.5	5.0	111.5	85.6	4.6	106.8	89.9	4.2
50	129.6	75.1	6.0	125.4	78.7	5.6	120.9	82.6	5.1	116.2	86.6	4.7	111.4	90.8	4.3	
SLCSC-140-1W	40	120.0	79.3	5.3	115.9	83.5	4.9	111.6	87.9	4.4	107.2	92.7	4.0	102.7	97.9	3.7
	42	125.2	80.3	5.5	120.9	84.4	5.0	116.3	88.9	4.6	111.8	93.6	4.2	107.2	98.8	3.8
	44	130.4	81.3	5.6	125.9	85.5	5.2	121.4	89.9	4.7	116.7	94.6	4.3	111.8	99.6	3.9
	45	133.0	81.8	5.7	128.5	86.0	5.2	123.9	90.4	4.8	119.1	95.1	4.4	114.1	100.1	4.0
	46	135.8	82.3	5.8	131.1	86.6	5.3	126.4	90.9	4.9	121.6	95.6	4.5	116.7	100.6	4.1
	48	141.3	83.5	5.9	136.7	87.7	5.5	131.8	92.1	5.0	126.7	96.7	4.6	121.6	101.6	4.2
50	147.1	84.7	6.1	142.3	89.0	5.6	137.2	93.4	5.1	132.0	97.9	4.7	126.6	102.7	4.3	
SLCSC-180-1W	40	157.3	102.8	5.4	152.0	108.3	4.9	146.6	114.3	4.5	140.9	120.8	4.1	135.0	127.9	3.7
	42	163.9	103.8	5.5	158.6	109.3	5.1	153.0	115.2	4.6	147.2	121.6	4.2	141.1	128.6	3.8
	44	170.8	104.9	5.7	165.3	110.2	5.2	159.5	116.1	4.8	153.6	124.6	4.3	147.3	129.3	4.0
	45	174.3	105.4	5.8	168.7	110.8	5.3	163.0	116.5	4.9	156.9	122.8	4.5	150.6	129.7	4.1
	46	177.9	106.0	5.9	172.2	111.3	5.4	166.3	117.0	5.0	160.2	123.3	4.5	153.8	130.1	4.1
	48	185.2	107.2	6.0	179.3	112.4	5.6	173.4	118.0	5.1	167.1	124.2	4.7	160.4	130.9	4.3
50	192.9	108.4	6.2	186.8	113.6	5.8	180.6	119.1	5.3	174.1	125.1	4.9	167.4	131.7	4.4	
SLCSC-210-1W	40	183.0	119.4	5.4	176.6	125.7	4.9	170.0	132.6	4.5	163.3	139.9	4.1	156.3	147.7	3.7
	42	190.7	120.8	5.5	184.1	127.1	5.1	177.3	134.0	4.6	170.5	141.2	4.2	163.3	149.0	3.8
	44	198.8	122.3	5.7	191.9	128.6	5.2	185.0	135.5	4.8	177.8	142.6	4.4	170.5	150.3	4.0
	45	202.9	123.1	5.8	196.0	129.4	5.3	188.9	136.3	4.9	181.7	143.4	4.4	174.2	151.0	4.0
	46	207.1	124.0	5.8	200.0	130.2	5.4	192.8	137.1	4.9	185.5	144.1	4.5	177.9	151.7	4.1
	48	215.6	125.7	6.0	208.4	132.0	5.5	200.9	138.7	5.1	193.4	145.7	4.6	185.6	153.1	4.2
50	224.4	127.6	6.2	217.0	133.8	5.7	209.3	140.5	5.2	201.5	147.4	4.8	193.4	154.6	4.4	
SLCSC-240-1W	40	206.8	134.6	5.4	199.9	141.7	4.9	192.8	149.2	4.5	185.5	157.3	4.1	178.0	166.1	3.8
	42	215.5	136.2	5.5	208.4	143.3	5.1	201.0	150.8	4.7	193.5	158.9	4.3	185.8	167.6	3.9
	44	224.4	137.9	5.7	217.2	145.0	5.2	209.6	152.5	4.8	201.8	160.5	4.4	193.8	169.1	4.0
	45	229.1	138.8	5.8	221.7	145.9	5.3	213.9	153.4	4.9	206.0	161.3	4.5	197.8	169.9	4.1
	46	233.8	139.7	5.9	226.2	146.9	5.4	218.3	154.3	5.0	210.3	162.2	4.5	202.0	170.7	4.1
	48	243.3	141.6	6.0	235.5	148.9	5.5	227.4	156.3	5.1	219.1	164.1	4.7	210.5	172.4	4.3
50	253.3	143.7	6.2	245.2	151.0	5.7	236.8	158.4	5.2	228.2	166.1	4.8	219.3	174.2	4.4	
SLCSC-280-1W	40	234.3	153.4	5.3	226.7	161.2	4.9	218.9	169.6	4.5	210.8	178.7	4.1	202.5	188.4	3.8
	42	244.1	155.1	5.5	236.3	162.8	5.1	228.3	171.2	4.7	220.0	180.2	4.3	211.4	189.9	3.9
	44	254.3	156.9	5.7	246.3	164.6	5.2	238.0	172.8	4.8	229.5	181.7	4.4	220.7	191.4	4.0
	45	259.4	157.8	5.8	251.3	165.4	5.3	243.0	173.7	4.9	234.3	182.5	4.5	225.4	192.1	4.1
	46	264.8	158.8	5.8	256.5	166.4	5.4	248.0	174.5	5.0	239.3	183.4	4.6	230.3	192.9	4.2
	48	275.5	160.8	6.0	267.1	168.3	5.6	258.3	176.3	5.1	249.3	185.1	4.7	240.1	194.5	4.3
50	286.7	162.9	6.2	278.0	170.3	5.7	269.0	178.2	5.3	259.8	186.8	4.9	250.2	196.2	4.5	

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-300-1W	40	263.4	171.5	5.4	255.1	180.4	4.9	246.5	190.0	4.5	237.8	200.0	4.2	228.9	212.0	3.8
	42	274.4	173.4	5.5	265.8	182.2	5.1	257.0	191.8	4.7	248.0	202.0	4.3	238.8	213.0	3.9
	44	285.8	175.4	5.7	276.9	184.2	5.3	267.8	193.6	4.8	258.5	204.0	4.4	249.1	215.0	4.1
	45	291.6	176.4	5.8	282.6	185.2	5.3	273.3	194.6	4.9	263.8	205.0	4.5	254.3	216.0	4.1
	46	297.5	177.4	5.9	288.3	186.2	5.4	278.9	195.5	5.0	269.3	206.0	4.6	259.6	217.0	4.2
	48	309.7	179.6	6.0	300.2	188.3	5.6	290.4	197.6	5.1	280.5	208.0	4.7	270.5	218.0	4.3
50	322.1	181.8	6.2	312.3	190.5	5.7	302.3	199.7	5.3	292.1	210.0	4.9	281.7	220.0	4.5	
SLCSC-100-2W	40	76.4	54.4	4.9	73.9	57.2	4.5	71.0	60.4	4.1	68.0	63.6	3.7	65.1	67.2	3.4
	42	79.8	55.0	5.1	77.1	57.8	4.7	74.1	61.0	4.3	71.0	64.2	3.9	68.0	67.8	3.5
	44	83.2	55.8	5.2	80.4	58.6	4.8	77.3	61.6	4.4	74.1	64.8	4.0	71.0	68.4	3.6
	45	84.8	56.2	5.3	82.1	59.0	4.9	79.0	62.0	4.5	75.8	65.2	4.1	72.7	68.6	3.7
	46	86.7	56.6	5.4	83.6	59.4	4.9	80.6	62.4	4.5	77.5	65.6	4.1	74.1	69.0	3.8
	48	90.3	57.4	5.5	87.2	60.2	5.1	84.0	63.2	4.7	80.6	66.2	4.3	77.3	69.6	3.9
50	93.9	58.2	5.6	90.7	61.0	5.2	87.6	64.0	4.8	84.2	67.0	4.4	80.6	70.4	4.0	
SLCSC-120-2W	40	94.5	66.8	5.0	91.1	70.2	4.5	87.8	74.0	4.2	84.4	78.0	3.8	80.9	82.4	3.4
	42	98.5	67.6	5.1	95.1	71.0	4.7	91.8	74.8	4.3	88.0	78.8	3.9	84.4	83.2	3.6
	44	102.7	68.4	5.3	99.3	72.0	4.8	95.6	75.6	4.4	91.8	79.6	4.0	88.0	83.8	3.7
	45	104.8	68.8	5.3	101.2	72.4	4.9	97.4	76.0	4.5	93.9	80.0	4.1	89.7	84.2	3.7
	46	106.9	69.4	5.4	103.3	72.8	5.0	99.5	76.6	4.5	95.8	80.4	4.2	91.8	84.6	3.8
	48	111.3	70.2	5.5	107.7	73.8	5.1	103.7	77.6	4.7	99.8	81.4	4.3	95.6	85.6	3.9
50	115.9	71.4	5.7	111.9	75.0	5.2	107.9	78.6	4.8	104.0	82.4	4.4	99.5	86.4	4.0	
SLCSC-140-2W	40	110.0	77.4	5.0	106.1	81.6	4.5	102.1	86.0	4.2	97.9	91.0	3.8	93.7	96.4	3.4
	42	114.7	78.2	5.1	110.7	82.2	4.7	106.7	86.8	4.3	102.3	91.6	3.9	97.9	96.8	3.5
	44	119.5	79.0	5.3	115.3	83.0	4.9	111.1	87.4	4.4	108.8	92.2	4.1	102.3	97.4	3.7
	45	122.0	79.4	5.4	117.8	83.4	4.9	113.4	87.8	4.5	109.0	92.6	4.1	104.4	97.8	3.7
	46	124.5	80.0	5.4	120.3	83.8	5.0	115.9	88.2	4.6	111.3	92.8	4.2	106.7	98.0	3.8
	48	129.6	80.8	5.6	125.4	84.8	5.2	120.8	89.0	4.7	116.1	93.6	4.3	111.3	98.6	4.0
50	134.8	81.8	5.8	130.6	85.6	5.3	125.8	89.8	4.9	121.0	94.2	4.5	115.9	99.2	4.1	
SLCSC-160-2W	40	129.6	90.2	5.0	125.2	94.8	4.6	120.3	100.0	4.2	115.5	105.4	3.8	110.5	111.2	3.5
	42	135.2	91.2	5.2	130.6	96.0	4.8	125.6	101.0	4.4	120.5	106.4	4.0	115.3	112.2	3.6
	44	140.9	92.4	5.3	136.1	97.0	4.9	131.0	102.2	4.5	125.8	107.4	4.1	120.3	113.2	3.7
	45	143.9	93.0	5.4	139.0	97.6	5.0	133.8	102.6	4.6	128.5	108.0	4.2	123.1	113.8	3.8
	46	146.8	93.6	5.5	142.0	98.4	5.0	136.7	103.4	4.6	131.3	108.6	4.2	125.6	114.2	3.8
	48	152.9	95.0	5.6	147.6	99.6	5.2	142.4	104.6	4.8	136.9	109.8	4.4	131.0	115.4	4.0
50	159.0	96.4	5.8	153.7	101.0	5.3	148.5	106.0	4.9	142.6	111.0	4.5	136.7	116.6	4.1	
SLCSC-180-2W	40	146.6	101.4	5.1	141.5	106.6	4.6	136.3	112.4	4.2	131.0	118.4	3.9	125.6	125.0	3.5
	42	152.9	102.6	5.2	147.6	107.8	4.8	142.4	113.6	4.4	136.7	119.6	4.0	130.8	126.2	3.6
	44	159.2	103.8	5.4	153.9	109.2	4.9	148.3	114.8	4.5	142.6	120.8	4.1	136.7	127.4	3.8
	45	162.5	104.6	5.4	157.1	109.8	5.0	151.4	115.4	4.6	145.5	121.4	4.2	139.4	128.0	3.8
	46	165.9	105.2	5.5	160.2	110.6	5.1	154.6	116.2	4.7	148.7	122.2	4.3	142.4	128.6	3.9
	48	172.8	106.6	5.7	167.0	112.2	5.2	161.1	117.6	4.8	155.0	123.6	4.4	148.7	129.8	4.0
50	179.8	108.2	5.8	173.7	113.8	5.3	167.6	119.2	4.9	161.3	125.0	4.5	154.8	131.2	4.1	
SLCSC-220-2W	40	183.1	122.0	5.3	177.0	128.4	4.8	170.7	135.6	4.4	164.2	143.2	4.0	157.3	151.6	3.6
	42	190.9	123.2	5.4	184.6	129.6	5.0	178.1	136.6	4.6	171.4	144.2	4.2	164.4	152.4	3.8
	44	198.9	124.4	5.6	192.6	130.8	5.2	185.9	137.6	4.7	178.9	145.2	4.3	171.8	153.4	3.9
	45	203.1	125.0	5.7	196.6	131.4	5.2	189.6	138.2	4.8	182.7	145.6	4.4	175.4	153.8	4.0
	46	207.3	125.8	5.8	200.6	132.0	5.3	193.8	138.8	4.9	186.5	146.2	4.5	179.1	154.2	4.1
	48	215.9	127.2	5.9	209.0	133.4	5.5	202.0	140.0	5.1	194.7	147.2	4.6	186.9	155.2	4.2
50	224.5	128.8	6.1	217.6	134.8	5.6	210.4	141.2	5.2	202.9	148.4	4.8	194.9	156.2	4.4	

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-250-2W	40	211.3	140.4	5.3	203.9	147.8	4.8	196.1	155.8	4.4	188.2	164.4	4.0	179.8	173.4	3.6
	42	220.3	142.0	5.4	212.7	149.4	5.0	204.8	157.4	4.6	196.6	166.0	4.1	187.7	175.0	3.8
	44	229.5	144.0	5.6	221.8	151.2	5.1	213.6	159.2	4.7	205.0	167.6	4.3	196.1	176.6	3.9
	45	234.4	144.8	5.7	226.4	152.2	5.2	218.0	160.0	4.8	209.4	168.4	4.4	200.3	177.4	4.0
	46	239.2	145.8	5.7	231.2	153.2	5.3	222.6	161.0	4.8	213.8	169.4	4.4	204.8	178.2	4.0
	48	249.1	148.0	5.9	240.9	155.2	5.4	232.1	163.0	5.0	223.0	171.2	4.6	213.6	179.8	4.2
	50	259.1	150.2	6.0	250.7	157.4	5.6	241.7	165.2	5.1	232.5	173.2	4.7	222.8	181.6	4.3
SLCSC-280-2W	40	240.0	158.6	5.3	231.8	167.0	4.9	223.2	175.8	4.4	214.4	185.4	4.0	205.4	195.8	3.7
	42	250.3	160.6	5.5	241.7	168.8	5.0	232.7	177.8	4.6	223.7	187.2	4.2	214.4	197.6	3.8
	44	260.8	162.6	5.6	251.8	171.0	5.2	242.8	179.8	4.7	233.3	189.2	4.3	223.7	199.2	3.9
	45	266.1	163.6	5.7	257.0	172.0	5.2	247.8	180.8	4.8	238.1	190.2	4.4	228.3	200.2	4.0
	46	271.5	164.6	5.8	262.3	173.2	5.3	252.8	181.8	4.9	243.2	191.2	4.5	233.3	201.2	4.1
	48	282.7	167.0	5.9	273.4	175.4	5.5	263.6	184.2	5.0	253.5	193.4	4.6	243.2	203.2	4.2
	50	294.2	169.4	6.1	284.6	178.0	5.6	274.5	186.8	5.1	264.0	195.8	4.7	253.3	205.4	4.3
SLCSC-360-2W	40	314.6	205.6	5.4	304.1	216.6	4.9	293.2	228.6	4.5	281.8	241.6	4.1	270.1	255.8	3.7
	42	327.8	207.6	5.5	317.1	218.6	5.1	306.0	230.4	4.6	294.4	243.2	4.2	282.2	257.2	3.8
	44	341.7	209.8	5.7	330.5	220.4	5.2	319.0	232.2	4.8	307.2	249.2	4.3	294.6	258.6	4.0
	45	348.6	210.8	5.8	337.5	221.6	5.3	325.9	233.0	4.9	313.7	245.6	4.5	301.1	259.4	4.1
	46	355.7	212.0	5.9	344.4	222.6	5.4	332.6	234.0	5.0	320.5	246.6	4.5	307.7	260.2	4.1
	48	370.4	214.4	6.0	358.7	224.8	5.6	346.7	236.0	5.1	334.1	248.4	4.7	320.9	261.8	4.3
	50	385.8	216.8	6.2	373.6	227.2	5.8	361.2	238.2	5.3	348.2	250.2	4.9	334.7	263.4	4.4
SLCSC-420-2W	40	366.0	238.8	5.4	353.2	251.4	4.9	340.0	265.2	4.5	326.6	279.8	4.1	312.6	295.4	3.7
	42	381.4	241.6	5.5	368.1	254.2	5.1	354.6	268.0	4.6	341.0	282.4	4.2	326.6	298.0	3.8
	44	397.5	244.6	5.7	383.9	257.2	5.2	370.0	271.0	4.8	355.6	285.2	4.4	341.0	300.6	4.0
	45	405.7	246.2	5.8	392.1	258.8	5.3	377.8	272.6	4.9	363.4	286.8	4.4	348.4	302.0	4.0
	46	414.1	248.0	5.8	400.1	260.4	5.4	385.6	274.2	4.9	371.0	288.2	4.5	355.8	303.4	4.1
	48	431.1	251.4	6.0	416.9	264.0	5.5	401.8	277.4	5.1	386.8	291.4	4.6	371.2	306.2	4.2
	50	448.8	255.2	6.2	434.1	267.6	5.7	418.6	281.0	5.2	403.0	294.8	4.8	386.8	309.2	4.4
SLCSC-480-2W	40	413.6	269.2	5.4	399.8	283.4	4.9	385.6	298.4	4.5	371.0	314.6	4.1	356.0	332.2	3.8
	42	431.0	272.4	5.5	416.8	286.6	5.1	402.0	301.6	4.7	387.0	317.8	4.3	371.6	335.2	3.9
	44	448.8	275.8	5.7	434.4	290.0	5.2	419.2	305.0	4.8	403.6	321.0	4.4	387.6	338.2	4.0
	45	458.2	277.6	5.8	443.4	291.8	5.3	427.8	306.8	4.9	412.0	322.6	4.5	395.6	339.8	4.1
	46	467.6	279.4	5.9	452.4	293.8	5.4	436.6	308.6	5.0	420.6	324.4	4.5	404.0	341.4	4.1
	48	486.6	283.2	6.0	471.0	297.8	5.5	454.8	312.6	5.1	438.2	328.2	4.7	421.0	344.8	4.3
	50	506.6	287.4	6.2	490.4	302.0	5.7	473.6	316.8	5.2	456.4	332.2	4.8	438.6	348.4	4.4
SLCSC-560-2W	40	468.6	306.8	5.3	453.4	322.4	4.9	437.8	339.2	4.5	421.6	357.4	4.1	405.0	376.8	3.8
	42	488.2	310.2	5.5	472.6	325.6	5.1	456.6	342.4	4.7	440.0	360.4	4.3	422.8	379.8	3.9
	44	508.6	313.8	5.7	492.6	329.2	5.2	476.0	345.6	4.8	459.0	363.4	4.4	441.4	382.8	4.0
	45	518.8	315.6	5.8	502.6	330.8	5.3	486.0	347.4	4.9	468.6	365.0	4.5	450.8	384.2	4.1
	46	529.6	317.6	5.8	513.0	332.8	5.4	496.0	349.0	5.0	478.6	366.8	4.6	460.6	385.8	4.2
	48	551.0	321.6	6.0	534.2	336.6	5.6	516.6	352.6	5.1	498.6	370.2	4.7	480.2	389.0	4.3
	50	573.4	325.8	6.2	556.0	340.6	5.7	538.0	356.4	5.3	519.6	373.6	4.9	500.4	392.4	4.5
SLCSC-600-2W	40	526.8	343.0	5.4	510.2	360.8	4.9	493.0	380.0	4.5	475.6	400.0	4.2	457.8	424.0	3.8
	42	548.8	346.8	5.5	531.6	364.4	5.1	514.0	383.6	4.7	496.0	404.0	4.3	477.6	426.0	3.9
	44	571.6	350.8	5.7	553.8	368.4	5.3	535.6	387.2	4.8	517.0	408.0	4.4	498.2	430.0	4.1
	45	583.2	352.8	5.8	565.2	370.4	5.3	546.6	389.2	4.9	527.6	410.0	4.5	508.6	432.0	4.1
	46	595.0	354.8	5.9	576.6	372.4	5.4	557.8	391.0	5.0	538.6	412.0	4.6	519.2	434.0	4.2
	48	619.4	359.2	6.0	600.4	376.6	5.6	580.8	395.2	5.1	561.0	416.0	4.7	541.0	436.0	4.3
	50	644.2	363.6	6.2	624.6	381.0	5.7	604.6	399.4	5.3	584.2	420.0	4.9	563.4	440.0	4.5

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-200-4W	40	152.9	108.8	4.9	147.8	114.4	4.5	142.0	120.8	4.1	136.1	127.2	3.7	130.2	134.4	3.4
	42	159.6	110.0	5.1	154.1	115.6	4.7	148.3	122.0	4.3	142.0	128.4	3.9	136.1	135.6	3.5
	44	166.3	111.6	5.2	160.9	117.2	4.8	154.6	123.2	4.4	148.3	129.6	4.0	142.0	136.8	3.6
	45	169.7	112.4	5.3	164.2	118.0	4.9	157.9	124.0	4.5	151.6	130.4	4.1	145.3	137.2	3.7
	46	173.5	113.2	5.4	167.2	118.8	4.9	161.3	124.8	4.5	155.0	131.2	4.1	148.3	138.0	3.8
	48	180.6	114.8	5.5	174.3	120.4	5.1	168.0	126.4	4.7	161.3	132.4	4.3	154.6	139.2	3.9
50	187.7	116.4	5.6	181.4	122.0	5.2	175.1	128.0	4.8	168.4	134.0	4.4	161.3	140.8	4.0	
SLCSC-240-4W	40	189.0	133.6	5.0	182.3	140.4	4.5	175.6	148.0	4.2	168.8	156.0	3.8	161.7	164.8	3.4
	42	197.0	135.2	5.1	190.3	142.0	4.7	183.5	149.6	4.3	176.0	157.6	3.9	168.8	166.4	3.6
	44	205.4	136.8	5.3	198.7	144.0	4.8	191.1	151.2	4.4	183.5	159.2	4.0	176.0	167.6	3.7
	45	209.6	137.6	5.3	202.4	144.8	4.9	194.9	152.0	4.5	187.7	160.0	4.1	179.3	168.4	3.7
	46	213.8	138.8	5.4	206.6	145.6	5.0	199.1	153.2	4.5	191.5	160.8	4.2	183.5	169.2	3.8
	48	222.6	140.4	5.5	215.5	147.6	5.1	207.5	155.2	4.7	199.5	162.8	4.3	191.1	171.2	3.9
50	231.8	142.8	5.7	223.9	150.0	5.2	215.9	157.2	4.8	207.9	164.8	4.4	199.1	172.8	4.0	
SLCSC-280-4W	40	220.1	154.8	5.0	212.1	163.2	4.5	204.1	172.0	4.2	195.7	182.0	3.8	187.3	192.8	3.4
	42	229.3	156.4	5.1	221.3	164.4	4.7	213.4	173.6	4.3	204.5	183.2	3.9	195.7	193.6	3.5
	44	239.0	158.0	5.3	230.6	166.0	4.9	222.2	174.8	4.4	217.6	184.4	4.1	204.5	194.8	3.7
	45	244.0	158.8	5.4	235.6	166.8	4.9	226.8	175.6	4.5	218.0	185.2	4.1	208.7	195.6	3.7
	46	249.1	160.0	5.4	240.7	167.6	5.0	231.8	176.4	4.6	222.6	185.6	4.2	213.4	196.0	3.8
	48	259.1	161.6	5.6	250.7	169.6	5.2	241.5	178.0	4.7	232.3	187.2	4.3	222.6	197.2	4.0
50	269.6	163.6	5.8	261.2	171.2	5.3	251.6	179.6	4.9	241.9	188.4	4.5	231.8	198.4	4.1	
SLCSC-320-4W	40	259.1	180.4	5.0	250.3	189.6	4.6	240.7	200.0	4.2	231.0	210.8	3.8	220.9	222.4	3.5
	42	270.5	182.4	5.2	261.2	192.0	4.8	251.2	202.0	4.4	241.1	212.8	4.0	230.6	224.4	3.6
	44	281.8	184.8	5.3	272.2	194.0	4.9	262.1	204.4	4.5	251.6	214.8	4.1	240.7	226.4	3.7
	45	287.7	186.0	5.4	278.0	195.2	5.0	267.5	205.2	4.6	257.0	216.0	4.2	246.1	227.6	3.8
	46	293.6	187.2	5.5	283.9	196.8	5.0	273.4	206.8	4.6	262.5	217.2	4.2	251.2	228.4	3.8
	48	305.8	190.0	5.6	295.3	199.2	5.2	284.8	209.2	4.8	273.8	219.6	4.4	262.1	230.8	4.0
50	317.9	192.8	5.8	307.4	202.0	5.3	296.9	212.0	4.9	285.2	222.0	4.5	273.4	233.2	4.1	
SLCSC-360-4W	40	293.2	202.8	5.1	283.1	213.2	4.6	272.6	224.8	4.2	262.1	236.8	3.9	251.2	250.0	3.5
	42	305.8	205.2	5.2	295.3	215.6	4.8	284.8	227.2	4.4	273.4	239.2	4.0	261.7	252.4	3.6
	44	318.4	207.6	5.4	307.9	218.4	4.9	296.5	229.6	4.5	285.2	241.6	4.1	273.4	254.8	3.8
	45	325.1	209.2	5.4	314.2	219.6	5.0	302.8	230.8	4.6	291.1	242.8	4.2	278.9	256.0	3.8
	46	331.8	210.4	5.5	320.5	221.2	5.1	309.1	232.4	4.7	297.4	244.4	4.3	284.8	257.2	3.9
	48	345.7	213.2	5.7	333.9	224.4	5.2	322.1	235.2	4.8	310.0	247.2	4.4	297.4	259.6	4.0
50	359.5	216.4	5.8	347.3	227.6	5.3	335.2	238.4	4.9	322.6	250.0	4.5	309.5	262.4	4.1	
SLCSC-440-4W	40	366.2	244.0	5.3	354.1	256.8	4.8	341.5	271.2	4.4	328.4	286.4	4.0	314.6	303.2	3.6
	42	381.8	246.4	5.4	369.2	259.2	5.0	356.2	273.2	4.6	342.7	288.4	4.2	328.9	304.8	3.8
	44	397.7	248.8	5.6	385.1	261.6	5.2	371.7	275.2	4.7	357.8	290.4	4.3	343.6	306.8	3.9
	45	406.1	250.0	5.7	393.1	262.8	5.2	379.3	276.4	4.8	365.4	291.2	4.4	350.7	307.6	4.0
	46	414.5	251.6	5.8	401.1	264.0	5.3	387.7	277.6	4.9	373.0	292.4	4.5	358.3	308.4	4.1
	48	431.8	254.4	5.9	417.9	266.8	5.5	404.0	280.0	5.1	389.3	294.4	4.6	373.8	310.4	4.2
50	449.0	257.6	6.1	435.1	269.6	5.6	420.8	282.4	5.2	405.7	296.8	4.8	389.8	312.4	4.4	
SLCSC-500-4W	40	422.5	280.8	5.3	407.8	295.6	4.8	392.3	311.6	4.4	376.3	328.8	4.0	359.5	346.8	3.6
	42	440.6	284.0	5.4	425.5	298.8	5.0	409.5	314.8	4.6	393.1	332.0	4.1	375.5	350.0	3.8
	44	459.1	288.0	5.6	443.5	302.4	5.1	427.1	318.4	4.7	409.9	335.2	4.3	392.3	353.2	3.9
	45	468.7	289.6	5.7	452.8	304.4	5.2	436.0	320.0	4.8	418.7	336.8	4.4	400.7	354.8	4.0
	46	478.4	291.6	5.7	462.4	306.4	5.3	445.2	322.0	4.8	427.6	338.8	4.4	409.5	356.4	4.0
	48	498.1	296.0	5.9	481.7	310.4	5.4	464.1	326.0	5.0	446.0	342.4	4.6	427.1	359.6	4.2
50	518.3	300.4	6.0	501.5	314.8	5.6	483.4	330.4	5.1	464.9	346.4	4.7	445.6	363.2	4.3	

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		85			90			95			100			105		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-560-4W	40	480.1	317.2	5.3	463.7	334.0	4.9	446.5	351.6	4.4	428.8	370.8	4.0	410.8	391.6	3.7
	42	500.6	321.2	5.5	483.4	337.6	5.0	465.4	355.6	4.6	447.3	374.4	4.2	428.8	395.2	3.8
	44	521.6	325.2	5.6	503.6	342.0	5.2	485.5	359.6	4.7	466.6	378.4	4.3	447.3	398.4	3.9
	45	532.1	327.2	5.7	514.1	344.0	5.2	495.6	361.6	4.8	476.3	380.4	4.4	456.5	400.4	4.0
	46	543.1	329.2	5.8	524.6	346.4	5.3	505.7	363.6	4.9	486.4	382.4	4.5	466.6	402.4	4.1
	48	565.3	334.0	5.9	546.8	350.8	5.5	527.1	368.4	5.0	506.9	386.8	4.6	486.4	406.4	4.2
	50	588.4	338.8	6.1	569.1	356.0	5.6	548.9	373.6	5.1	527.9	391.6	4.7	506.5	410.8	4.3
SLCSC-720-4W	40	629.2	411.2	5.4	608.2	433.2	4.9	586.3	457.2	4.5	563.6	483.2	4.1	540.1	511.6	3.7
	42	656.6	415.2	5.5	634.2	437.2	5.1	611.9	460.8	4.6	588.8	486.4	4.2	564.5	514.4	3.8
	44	683.3	419.6	5.7	661.1	440.8	5.2	638.0	464.4	4.8	614.5	498.4	4.3	589.3	517.2	4.0
	45	697.2	421.6	5.8	674.9	443.2	5.3	651.8	466.0	4.9	627.5	491.2	4.5	602.3	518.8	4.1
	46	711.5	424.0	5.9	688.8	445.2	5.4	665.3	468.0	5.0	640.9	493.2	4.5	615.3	520.4	4.1
	48	740.9	428.8	6.0	717.4	449.6	5.6	693.4	472.0	5.1	668.2	496.8	4.7	641.8	523.6	4.3
	50	771.5	433.6	6.2	747.2	454.4	5.8	722.4	476.4	5.3	696.4	500.4	4.9	669.5	526.8	4.4
SLCSC-840-4W	40	732.1	477.6	5.4	706.4	502.8	4.9	680.0	530.4	4.5	653.2	559.6	4.1	625.2	590.8	3.7
	42	762.7	483.2	5.5	736.3	508.4	5.1	709.2	536.0	4.6	682.0	564.8	4.2	653.2	596.0	3.8
	44	795.1	489.2	5.7	767.8	514.4	5.2	740.0	542.0	4.8	711.2	570.4	4.4	682.0	601.2	4.0
	45	811.4	492.4	5.8	784.1	517.6	5.3	755.6	545.2	4.9	726.8	573.6	4.4	696.8	604.0	4.0
	46	828.2	496.0	5.8	800.1	520.8	5.4	771.2	548.4	4.9	742.0	576.4	4.5	711.6	606.8	4.1
	48	862.3	502.8	6.0	833.7	528.0	5.5	803.6	554.8	5.1	773.6	582.8	4.6	742.4	612.4	4.2
	50	897.5	510.4	6.2	868.1	535.2	5.7	837.2	562.0	5.2	806.0	589.6	4.8	773.6	618.4	4.4
SLCSC-960-4W	40	827.2	538.4	5.4	799.6	566.8	4.9	771.2	596.8	4.5	742.0	629.2	4.1	712.0	664.4	3.8
	42	862.0	544.8	5.5	833.6	573.2	5.1	804.0	603.2	4.7	774.0	635.6	4.3	743.2	670.4	3.9
	44	897.6	551.6	5.7	868.8	580.0	5.2	838.4	610.0	4.8	807.2	642.0	4.4	775.2	676.4	4.0
	45	916.4	555.2	5.8	886.8	583.6	5.3	855.6	613.6	4.9	824.0	645.2	4.5	791.2	679.6	4.1
	46	935.2	558.8	5.9	904.8	587.6	5.4	873.2	617.2	5.0	841.2	648.8	4.5	808.0	682.8	4.1
	48	973.2	566.4	6.0	942.0	595.6	5.5	909.6	625.2	5.1	876.4	656.4	4.7	842.0	689.6	4.3
	50	1013.2	574.8	6.2	980.8	604.0	5.7	947.2	633.6	5.2	912.8	664.4	4.8	877.2	696.8	4.4
SLCSC-1120-4W	40	937.2	613.6	5.3	906.8	644.8	4.9	875.6	678.4	4.5	843.2	714.8	4.1	810.0	753.6	3.8
	42	976.4	620.4	5.5	945.2	651.2	5.1	913.2	684.8	4.7	880.0	720.8	4.3	845.6	759.6	3.9
	44	1017.2	627.6	5.7	985.2	658.4	5.2	952.0	691.2	4.8	918.0	726.8	4.4	882.8	765.6	4.0
	45	1037.6	631.2	5.8	1005.2	661.6	5.3	972.0	694.8	4.9	937.2	730.0	4.5	901.6	768.4	4.1
	46	1059.2	635.2	5.8	1026.0	665.6	5.4	992.0	698.0	5.0	957.2	733.6	4.6	921.2	771.6	4.2
	48	1102.0	643.2	6.0	1068.4	673.2	5.6	1033.2	705.2	5.1	997.2	740.4	4.7	960.4	778.0	4.3
	50	1146.8	651.6	6.2	1112.0	681.2	5.7	1076.0	712.8	5.3	1039.2	747.2	4.9	1000.8	784.8	4.5
SLCSC-1200-4W	40	1053.6	686.0	5.4	1020.4	721.6	4.9	986.0	760.0	4.5	951.2	800.0	4.2	915.6	848.0	3.8
	42	1097.6	693.6	5.5	1063.2	728.8	5.1	1028.0	767.2	4.7	992.0	808.0	4.3	955.2	852.0	3.9
	44	1143.2	701.6	5.7	1107.6	736.8	5.3	1071.2	774.4	4.8	1034.0	816.0	4.4	996.4	860.0	4.1
	45	1166.4	705.6	5.8	1130.4	740.8	5.3	1093.2	778.4	4.9	1055.2	820.0	4.5	1017.2	864.0	4.1
	46	1190.0	709.6	5.9	1153.2	744.8	5.4	1115.6	782.0	5.0	1077.2	824.0	4.6	1038.4	868.0	4.2
	48	1238.8	718.4	6.0	1200.8	753.2	5.6	1161.6	790.4	5.1	1122.0	832.0	4.7	1082.0	872.0	4.3
	50	1288.4	727.2	6.2	1249.2	762.0	5.7	1209.2	798.8	5.3	1168.4	840.0	4.9	1126.8	880.0	4.5

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-50-1A	40	31.2	34.6	3.2	29.9	36.4	2.9	28.6	38.3	2.6	27.2	40.2	2.4	25.7	42.2	2.1
	42	32.5	34.9	3.3	31.2	36.7	3.0	29.8	38.6	2.7	28.4	40.5	2.5	27.0	42.5	2.2
	44	33.8	35.1	3.4	32.5	37.0	3.1	31.2	38.9	2.8	29.7	40.8	2.6	28.2	42.8	2.3
	45	34.6	35.3	3.4	33.2	37.1	3.1	31.8	39.0	2.9	30.4	41.0	2.6	28.8	43.0	2.3
	46	35.2	35.4	3.5	33.9	37.2	3.2	32.5	39.1	2.9	31.0	41.1	2.6	29.5	43.2	2.4
	48	36.7	35.7	3.6	35.2	37.5	3.3	33.8	39.4	3.0	32.3	41.4	2.7	30.8	43.5	2.5
50	38.2	36.0	3.7	36.7	37.8	3.4	35.2	39.7	3.1	33.7	41.7	2.8	32.2	43.8	2.6	
SLCSC-60-1A	40	39.5	42.6	3.2	38.0	45.0	3.0	36.5	47.5	2.7	34.9	50.0	2.4	33.2	52.6	2.2
	42	41.1	42.9	3.4	39.6	45.3	3.1	38.1	47.7	2.8	36.4	50.3	2.5	34.7	53.0	2.3
	44	42.7	43.1	3.5	41.2	45.5	3.2	39.7	48.0	2.9	38.0	50.6	2.6	36.2	53.3	2.4
	45	43.6	43.2	3.5	42.0	45.6	3.2	40.4	48.1	2.9	38.7	50.8	2.7	37.0	53.5	2.4
	46	44.4	43.3	3.6	42.8	45.7	3.3	41.2	48.3	3.0	39.6	50.9	2.7	37.7	53.7	2.5
	48	46.1	43.6	3.7	44.6	46.0	3.4	42.9	48.5	3.1	41.2	51.2	2.8	39.3	54.0	2.5
50	47.9	43.8	3.8	46.3	46.2	3.5	44.6	48.8	3.2	42.8	51.5	2.9	41.0	54.3	2.6	
SLCSC-70-1A	40	45.4	48.2	3.3	43.3	50.7	3.0	41.2	53.4	2.7	38.9	56.1	2.4	36.6	59.0	2.2
	42	47.4	48.6	3.4	45.2	51.1	3.1	43.1	53.8	2.8	40.7	56.6	2.5	38.4	59.4	2.3
	44	49.5	49.0	3.5	47.3	51.5	3.2	45.0	54.2	2.9	42.6	57.0	2.6	40.2	59.9	2.4
	45	50.5	49.2	3.6	48.3	51.7	3.3	46.1	54.4	3.0	43.6	57.2	2.7	41.2	60.1	2.4
	46	51.6	49.4	3.7	49.3	51.9	3.3	47.1	54.6	3.0	44.6	57.4	2.7	42.1	60.4	2.4
	48	53.7	49.8	3.8	51.5	52.3	3.4	49.1	55.0	3.1	46.6	57.8	2.8	44.1	60.8	2.5
50	56.0	50.2	3.9	53.6	52.7	3.6	51.2	55.4	3.2	48.7	58.3	2.9	46.1	61.3	2.6	
SLCSC-80-1A	40	52.9	57.3	3.2	50.7	60.4	2.9	48.6	63.5	2.7	46.2	66.7	2.4	43.7	69.8	2.2
	42	55.1	57.8	3.3	53.0	60.8	3.0	50.6	63.9	2.8	48.3	67.2	2.5	45.8	70.4	2.3
	44	57.4	58.2	3.5	55.1	61.2	3.2	52.9	64.4	2.9	50.5	67.6	2.6	48.0	71.0	2.4
	45	58.6	58.4	3.5	56.3	61.5	3.2	54.0	64.6	2.9	51.6	67.9	2.7	49.1	71.2	2.4
	46	59.8	58.6	3.6	57.5	61.7	3.3	55.1	64.8	3.0	52.6	68.1	2.7	50.1	71.5	2.5
	48	62.2	59.1	3.7	59.8	62.1	3.4	57.4	65.3	3.1	54.9	68.6	2.8	52.3	72.0	2.5
50	64.6	59.6	3.8	62.2	62.6	3.5	59.8	65.8	3.2	57.2	69.1	2.9	54.6	72.5	2.6	
SLCSC-90-1A	40	61.3	64.7	3.3	59.1	68.3	3.0	56.7	72.0	2.8	54.2	75.9	2.5	51.6	79.8	2.3
	42	64.6	65.0	3.5	61.5	68.7	3.1	59.1	72.5	2.9	56.6	76.4	2.6	53.9	80.4	2.3
	44	66.3	65.4	3.5	64.0	69.0	3.2	61.6	72.9	3.0	59.0	76.8	2.7	56.3	80.9	2.4
	45	67.6	65.6	3.6	65.3	69.2	3.3	62.8	73.1	3.0	60.2	77.0	2.7	57.5	81.2	2.5
	46	69.0	65.8	3.7	66.6	69.4	3.4	64.1	73.3	3.1	61.5	77.3	2.8	58.7	81.4	2.5
	48	71.6	66.2	3.8	69.2	69.8	3.5	66.6	73.7	3.2	64.0	77.7	2.9	61.2	81.9	2.6
50	74.4	66.5	3.9	71.9	70.2	3.6	69.3	74.0	3.3	66.6	78.1	3.0	63.7	82.4	2.7	
SLCSC-110-1A	40	74.7	76.0	3.4	71.3	79.9	3.1	67.7	84.1	2.8	64.1	88.4	2.5	60.2	92.9	2.3
	42	78.1	76.5	3.6	74.6	80.5	3.2	70.9	84.7	2.9	67.1	89.1	2.6	63.2	93.6	2.4
	44	81.5	77.1	3.7	77.9	81.1	3.4	74.1	85.3	3.0	70.3	89.7	2.7	66.3	94.6	2.5
	45	83.2	77.4	3.8	79.6	81.4	3.4	75.8	85.6	3.1	71.9	90.1	2.8	67.9	94.7	2.5
	46	85.0	77.7	3.8	81.3	81.7	3.5	77.5	86.0	3.2	73.6	90.4	2.8	69.5	95.1	2.6
	48	88.5	78.4	4.0	84.8	82.4	3.6	80.9	86.6	3.3	76.9	91.1	3.0	72.7	95.8	2.7
50	92.2	79.1	4.1	88.4	83.1	3.7	84.4	87.3	3.4	80.3	91.8	3.1	76.1	96.5	2.8	
SLCSC-125-1A	40	86.1	89.3	3.4	82.6	94.1	3.1	79.1	98.9	2.8	75.3	103.9	2.5	71.3	108.8	2.3
	42	89.8	90.0	3.5	86.2	94.7	3.2	82.6	99.6	2.9	78.7	104.6	2.6	74.7	109.7	2.4
	44	93.5	90.7	3.6	89.9	95.4	3.3	86.1	100.3	3.0	82.2	105.4	2.7	78.1	110.6	2.5
	45	95.4	91.0	3.7	91.7	95.7	3.4	88.0	100.7	3.1	84.0	105.8	2.8	79.9	111.0	2.5
	46	97.4	91.4	3.7	93.6	96.1	3.4	89.8	101.0	3.1	85.8	106.1	2.8	81.6	111.4	2.6
	48	101.3	92.1	3.8	97.5	96.8	3.5	93.5	101.7	3.2	89.5	106.9	2.9	85.3	112.2	2.7
50	105.3	92.9	4.0	101.4	97.5	3.6	97.4	102.5	3.3	93.2	107.6	3.0	89.0	113.0	2.8	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-140-1A	40	100.3	101.3	3.5	96.6	106.9	3.2	92.8	112.8	2.9	88.8	118.8	2.6	84.5	124.9	2.4
	42	104.4	101.8	3.6	100.6	107.5	3.3	96.7	113.4	3.0	92.6	119.5	2.7	88.2	125.8	2.5
	44	108.6	102.4	3.7	104.8	108.1	3.4	100.8	114.1	3.1	96.5	120.3	2.8	92.1	126.7	2.5
	45	110.7	102.7	3.8	106.9	108.4	3.5	102.8	114.4	3.1	98.5	120.6	2.9	94.1	127.1	2.6
	46	112.9	103.0	3.8	109.0	108.7	3.5	104.9	114.7	3.2	100.6	121.0	2.9	96.1	127.5	2.6
	48	117.3	103.5	4.0	113.3	109.3	3.6	109.1	115.3	3.3	104.7	121.6	3.0	100.1	128.3	2.7
	50	121.8	104.2	4.1	117.7	109.9	3.7	113.5	115.9	3.4	109.0	122.3	3.1	104.3	129.0	2.8
SLCSC-180-1A	40	128.4	128.1	3.5	122.5	134.8	3.2	116.5	141.8	2.9	110.1	149.0	2.6	103.5	156.5	2.3
	42	134.0	129.0	3.6	128.0	135.7	3.3	121.9	142.8	3.0	115.4	150.1	2.7	108.7	157.7	2.4
	44	139.9	130.0	3.8	133.8	136.7	3.4	127.4	143.8	3.1	120.9	151.3	2.8	114.0	159.0	2.5
	45	142.9	130.6	3.8	136.7	137.3	3.5	130.3	144.4	3.2	123.6	151.8	2.9	116.7	159.6	2.6
	46	145.9	131.1	3.9	139.6	137.8	3.5	133.1	144.9	3.2	126.4	152.4	2.9	119.5	160.2	2.6
	48	152.1	132.2	4.0	145.7	138.9	3.7	139.0	146.0	3.3	132.1	153.6	3.0	125.0	161.4	2.7
	50	158.4	133.4	4.2	151.9	140.1	3.8	145.0	147.2	3.4	138.0	154.8	3.1	130.8	162.7	2.8
SLCSC-210-1A	40	149.3	151.9	3.4	143.3	160.0	3.1	137.0	168.2	2.9	130.5	176.5	2.6	123.7	184.9	2.3
	42	155.5	153.0	3.6	149.4	161.1	3.2	143.1	169.4	3.0	136.4	177.8	2.7	129.5	186.4	2.4
	44	162.0	154.2	3.7	155.8	162.2	3.4	149.3	170.6	3.1	142.5	179.1	2.8	135.5	187.9	2.5
	45	165.3	154.8	3.7	158.9	162.8	3.4	152.4	171.2	3.1	145.6	179.8	2.8	138.5	188.6	2.6
	46	168.6	155.4	3.8	162.2	163.4	3.5	155.6	171.8	3.2	148.8	180.4	2.9	141.6	189.3	2.6
	48	175.4	156.6	3.9	168.8	164.6	3.6	162.1	173.0	3.3	155.1	181.7	3.0	147.9	190.7	2.7
	50	182.4	157.9	4.0	175.7	165.8	3.7	168.8	174.2	3.4	161.6	183.0	3.1	154.2	192.1	2.8
SLCSC-240-1A	40	173.2	171.7	3.5	166.9	181.2	3.2	160.3	191.1	2.9	153.3	201.0	2.7	145.9	212.0	2.4
	42	180.3	172.6	3.7	173.8	182.2	3.3	167.1	192.2	3.0	159.9	203.0	2.8	152.4	213.0	2.5
	44	187.4	173.6	3.8	180.8	183.2	3.5	174.0	193.3	3.2	166.8	204.0	2.9	159.2	215.0	2.6
	45	191.1	174.0	3.8	184.5	183.7	3.5	177.5	193.8	3.2	170.3	204.0	2.9	162.6	215.0	2.6
	46	194.8	174.5	3.9	188.1	184.2	3.6	181.1	194.4	3.3	173.8	205.0	3.0	166.0	216.0	2.7
	48	202.5	175.5	4.0	195.6	185.2	3.7	188.3	195.4	3.4	180.8	206.0	3.1	173.0	217.0	2.8
	50	210.2	176.6	4.2	203.2	186.2	3.8	195.8	196.5	3.5	188.2	207.0	3.2	180.2	219.0	2.9
SLCSC-280-1A	40	193.0	194.7	3.5	186.1	205.0	3.2	178.8	216.0	2.9	171.0	226.0	2.6	162.6	236.0	2.4
	42	201.0	195.7	3.6	194.0	206.0	3.3	186.6	217.0	3.0	178.8	228.0	2.7	170.3	239.0	2.5
	44	209.2	196.5	3.7	202.1	207.0	3.4	194.6	218.0	3.1	186.7	229.0	2.9	178.2	241.0	2.6
	45	213.3	197.0	3.8	206.2	208.0	3.5	198.7	219.0	3.2	190.7	230.0	2.9	182.2	241.0	2.6
	46	217.6	197.4	3.9	210.3	208.0	3.5	202.8	219.0	3.2	194.8	231.0	3.0	186.2	242.0	2.7
	48	226.2	198.2	4.0	218.8	209.0	3.7	211.2	221.0	3.3	203.0	232.0	3.1	194.3	244.0	2.8
	50	235.1	199.0	4.1	227.6	210.0	3.8	219.7	222.0	3.5	211.5	233.0	3.2	202.8	246.0	2.9
SLCSC-300-1A	40	218.2	219.0	3.5	211.1	231.0	3.2	203.6	244.0	2.9	195.6	257.0	2.7	---	---	---
	42	227.0	220.0	3.6	219.7	232.0	3.3	212.1	245.0	3.0	204.0	258.0	2.8	---	---	---
	44	236.1	221.0	3.7	228.7	233.0	3.4	220.8	246.0	3.1	212.7	260.0	2.9	---	---	---
	45	240.7	221.0	3.8	233.2	234.0	3.5	225.3	247.0	3.2	217.1	260.0	2.9	---	---	---
	46	245.3	222.0	3.9	237.7	234.0	3.6	229.8	247.0	3.3	221.5	261.0	3.0	---	---	---
	48	254.8	222.0	4.0	247.1	235.0	3.7	239.0	248.0	3.4	230.6	262.0	3.1	---	---	---
	50	264.6	223.0	4.2	256.6	236.0	3.8	248.4	249.0	3.5	239.8	264.0	3.2	---	---	---
SLCSC-100-2A	40	62.3	69.2	3.2	59.8	72.8	2.9	57.1	76.6	2.6	54.5	80.4	2.4	51.5	84.4	2.1
	42	65.0	69.8	3.3	62.3	73.4	3.0	59.6	77.2	2.7	56.8	81.0	2.5	54.0	85.0	2.2
	44	67.6	70.2	3.4	65.0	74.0	3.1	62.3	77.8	2.8	59.5	81.6	2.6	56.5	85.6	2.3
	45	69.1	70.6	3.4	66.3	74.2	3.1	63.6	78.0	2.9	60.8	82.0	2.6	57.6	86.0	2.3
	46	70.5	70.8	3.5	67.8	74.4	3.2	65.0	78.2	2.9	62.0	82.2	2.6	59.0	86.4	2.4
	48	73.3	71.4	3.6	70.5	75.0	3.3	67.6	78.8	3.0	64.6	82.8	2.7	61.6	87.0	2.5
	50	76.3	72.0	3.7	73.5	75.6	3.4	70.5	79.4	3.1	67.5	83.4	2.8	64.3	87.6	2.6



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-120-2A	40	79.0	85.2	3.2	76.0	90.0	3.0	73.0	95.0	2.7	69.8	100.0	2.4	66.3	105.2	2.2
	42	82.1	85.8	3.4	79.1	90.6	3.1	76.1	95.4	2.8	72.8	100.6	2.5	69.3	106.0	2.3
	44	85.5	86.2	3.5	82.5	91.0	3.2	79.3	96.0	2.9	76.0	101.2	2.6	72.3	106.6	2.4
	45	87.1	86.4	3.5	84.0	91.2	3.2	80.8	96.2	2.9	77.5	101.6	2.7	74.0	107.0	2.4
	46	88.8	86.6	3.6	85.6	91.4	3.3	82.5	96.6	3.0	79.1	101.8	2.7	75.5	107.4	2.5
	48	92.3	87.2	3.7	89.1	92.0	3.4	85.8	97.0	3.1	82.3	102.4	2.8	78.6	108.0	2.5
50	95.8	87.6	3.8	92.6	92.4	3.5	89.1	97.6	3.2	85.6	103.0	2.9	82.0	108.6	2.6	
SLCSC-140-2A	40	90.8	96.4	3.3	86.6	101.4	3.0	82.3	106.8	2.7	77.8	112.2	2.4	73.1	118.0	2.2
	42	94.8	97.2	3.4	90.5	102.2	3.1	86.1	107.6	2.8	81.5	113.2	2.5	76.8	118.8	2.3
	44	99.0	98.0	3.5	94.6	103.0	3.2	90.0	108.4	2.9	85.3	114.0	2.6	80.5	119.8	2.4
	45	101.0	98.4	3.6	96.6	103.4	3.3	92.1	108.8	3.0	87.3	114.4	2.7	82.5	120.2	2.4
	46	103.1	98.8	3.7	98.6	103.8	3.3	94.1	109.2	3.0	89.3	114.8	2.7	84.3	120.8	2.4
	48	107.5	99.6	3.8	103.0	104.6	3.4	98.3	110.0	3.1	93.3	115.6	2.8	88.3	121.6	2.5
50	112.0	100.4	3.9	107.3	105.4	3.6	102.5	110.8	3.2	97.5	116.6	2.9	92.3	122.6	2.6	
SLCSC-160-2A	40	105.8	114.6	3.2	101.5	120.8	2.9	97.1	127.0	2.7	92.5	133.4	2.4	87.5	139.6	2.2
	42	110.3	115.6	3.3	106.0	121.6	3.0	101.3	127.8	2.8	96.6	134.4	2.5	91.6	140.8	2.3
	44	114.8	116.4	3.5	110.3	122.4	3.2	105.8	128.8	2.9	101.0	135.2	2.6	96.0	142.0	2.4
	45	117.1	116.8	3.5	112.6	123.0	3.2	108.0	129.2	2.9	103.1	135.8	2.7	98.1	142.4	2.4
	46	119.6	117.2	3.6	115.0	123.4	3.3	110.3	129.6	3.0	105.3	136.2	2.7	100.3	143.0	2.5
	48	124.5	118.2	3.7	119.6	124.2	3.4	114.8	130.6	3.1	109.8	137.2	2.8	104.6	144.0	2.5
50	129.3	119.2	3.8	124.5	125.2	3.5	119.6	131.6	3.2	114.5	138.2	2.9	109.3	145.0	2.6	
SLCSC-180-1A	40	122.6	129.4	3.3	118.1	136.6	3.0	113.5	144.0	2.8	108.5	151.8	2.5	103.1	159.6	2.3
	42	129.3	130.0	3.5	123.0	137.4	3.1	118.3	145.0	2.9	113.1	152.8	2.6	107.8	160.8	2.3
	44	132.6	130.8	3.5	127.9	138.0	3.2	123.1	145.8	3.0	118.0	153.6	2.7	112.6	161.8	2.4
	45	135.3	131.2	3.6	130.6	138.4	3.3	125.6	146.2	3.0	120.5	154.0	2.7	115.0	162.4	2.5
	46	137.9	131.6	3.7	133.1	138.8	3.4	128.1	146.6	3.1	123.0	154.6	2.8	117.5	162.8	2.5
	48	143.3	132.4	3.8	138.4	139.6	3.5	133.3	147.4	3.2	127.9	155.4	2.9	122.5	163.8	2.6
50	148.8	133.0	3.9	143.8	140.4	3.6	138.6	148.0	3.3	133.1	156.2	3.0	127.4	164.8	2.7	
SLCSC-220-2A	40	149.4	152.0	3.4	142.6	159.8	3.1	135.4	168.2	2.8	128.1	176.8	2.5	120.5	185.8	2.3
	42	156.1	153.0	3.6	149.1	161.0	3.2	141.8	169.4	2.9	134.3	178.2	2.6	126.4	187.2	2.4
	44	162.9	154.2	3.7	155.8	162.2	3.4	148.3	170.6	3.0	140.6	179.4	2.7	132.6	189.2	2.5
	45	166.4	154.8	3.8	159.1	162.8	3.4	151.6	171.2	3.1	143.8	180.2	2.8	135.8	189.4	2.5
	46	169.9	155.4	3.8	162.6	163.4	3.5	154.9	172.0	3.2	147.1	180.8	2.8	138.9	190.2	2.6
	48	177.1	156.8	4.0	169.6	164.8	3.6	161.8	173.2	3.3	153.8	182.2	3.0	145.4	191.6	2.7
50	184.4	158.2	4.1	176.8	166.2	3.7	168.8	174.6	3.4	160.6	183.6	3.1	152.1	193.0	2.8	
SLCSC-250-2A	40	172.3	178.6	3.4	165.3	188.2	3.1	158.1	197.8	2.8	150.6	207.8	2.5	142.6	217.6	2.3
	42	179.6	180.0	3.5	172.4	189.4	3.2	165.1	199.2	2.9	157.4	209.2	2.6	149.4	219.4	2.4
	44	187.1	181.4	3.6	179.8	190.8	3.3	172.3	200.6	3.0	164.4	210.8	2.7	156.3	221.2	2.5
	45	190.8	182.0	3.7	183.4	191.4	3.4	175.9	201.4	3.1	168.1	211.6	2.8	159.8	222.0	2.5
	46	194.8	182.8	3.7	187.3	192.2	3.4	179.6	202.0	3.1	171.6	212.2	2.8	163.3	222.8	2.6
	48	202.6	184.2	3.8	194.9	193.6	3.5	187.1	203.4	3.2	178.9	213.8	2.9	170.6	224.4	2.7
50	210.6	185.8	4.0	202.8	195.0	3.6	194.8	205.0	3.3	186.4	215.2	3.0	177.9	226.0	2.8	
SLCSC-280-2A	40	200.6	202.6	3.5	193.3	213.8	3.2	185.6	225.6	2.9	177.6	237.6	2.6	168.9	249.8	2.4
	42	208.7	203.6	3.6	201.3	215.0	3.3	193.4	226.8	3.0	185.3	239.0	2.7	176.4	251.6	2.5
	44	217.2	204.8	3.7	209.6	216.2	3.4	201.6	228.2	3.1	193.1	240.6	2.8	184.3	253.4	2.5
	45	221.4	205.4	3.8	213.7	216.8	3.5	205.6	228.8	3.1	197.1	241.2	2.9	188.3	254.2	2.6
	46	225.7	206.0	3.8	217.9	217.4	3.5	209.7	229.4	3.2	201.3	242.0	2.9	192.3	255.0	2.6
	48	234.6	207.0	4.0	226.6	218.6	3.6	218.2	230.6	3.3	209.4	243.2	3.0	200.3	256.6	2.7
50	243.6	208.4	4.1	235.4	219.8	3.7	226.9	231.8	3.4	217.9	244.6	3.1	208.6	258.0	2.8	

Rating For R-22



Rating For R-22	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-360-2A	40	256.7	256.2	3.5	245.1	269.6	3.2	232.9	283.6	2.9	220.2	298.0	2.6	207.1	313.0	2.3	
	42	268.1	258.0	3.6	256.1	271.4	3.3	243.7	285.6	3.0	230.7	300.2	2.7	217.4	315.4	2.4	
	44	279.7	260.0	3.8	267.6	273.4	3.4	254.9	287.6	3.1	241.7	302.6	2.8	228.1	318.0	2.5	
	45	285.7	261.2	3.8	273.4	274.6	3.5	260.6	288.8	3.2	247.2	303.6	2.9	233.4	319.2	2.6	
	46	291.9	262.2	3.9	279.2	275.6	3.5	266.2	289.8	3.2	252.9	304.8	2.9	238.9	320.4	2.6	
	48	304.2	264.4	4.0	291.4	277.8	3.7	278.1	292.0	3.3	264.2	307.2	3.0	250.1	322.8	2.7	
50	316.9	266.8	4.2	303.7	280.2	3.8	290.1	294.4	3.4	276.1	309.6	3.1	261.6	325.4	2.8		
SLCSC-420-2A	40	298.5	303.8	3.4	286.6	320.0	3.1	274.1	336.4	2.9	261.1	353.0	2.6	247.4	369.8	2.3	
	42	311.0	306.0	3.6	298.9	322.2	3.2	286.2	338.8	3.0	272.9	355.6	2.7	259.1	372.8	2.4	
	44	324.0	308.4	3.7	311.5	324.4	3.4	298.5	341.2	3.1	285.1	358.2	2.8	271.1	375.8	2.5	
	45	330.5	309.6	3.7	317.9	325.6	3.4	304.9	342.4	3.1	291.2	359.6	2.8	277.1	377.2	2.6	
	46	337.2	310.8	3.8	324.4	326.8	3.5	311.2	343.6	3.2	297.5	360.8	2.9	283.2	378.6	2.6	
	48	350.9	313.2	3.9	337.7	329.2	3.6	324.2	346.0	3.3	310.2	363.4	3.0	295.7	381.4	2.7	
50	364.9	315.8	4.0	351.4	331.6	3.7	337.5	348.4	3.4	323.2	366.0	3.1	308.4	384.2	2.8		
SLCSC-480-2A	40	346.4	343.4	3.5	333.9	362.4	3.2	320.5	382.2	2.9	306.5	402.0	2.7	291.7	424.0	2.4	
	42	360.5	345.2	3.7	347.5	364.4	3.3	334.2	384.4	3.0	319.9	406.0	2.8	304.9	426.0	2.5	
	44	374.9	347.2	3.8	361.7	366.4	3.5	348.0	386.6	3.2	333.5	408.0	2.9	318.4	430.0	2.6	
	45	382.2	348.0	3.8	369.0	367.4	3.5	355.0	387.6	3.2	340.5	408.0	2.9	325.2	430.0	2.6	
	46	389.7	349.0	3.9	376.2	368.4	3.6	362.2	388.8	3.3	347.5	410.0	3.0	332.0	432.0	2.7	
	48	405.0	351.0	4.0	391.2	370.4	3.7	376.7	390.8	3.4	361.7	412.0	3.1	346.0	434.0	2.8	
50	420.5	353.2	4.2	406.3	372.4	3.8	391.7	393.0	3.5	376.3	414.0	3.2	360.4	438.0	2.9		
SLCSC-560-2A	40	386.0	389.4	3.5	372.2	410.0	3.2	357.7	432.0	2.9	342.0	452.0	2.6	325.2	472.0	2.4	
	42	402.0	391.4	3.6	388.0	412.0	3.3	373.2	434.0	3.0	357.5	456.0	2.7	340.7	478.0	2.5	
	44	418.3	393.0	3.7	404.2	414.0	3.4	389.2	436.0	3.1	373.4	458.0	2.9	356.4	482.0	2.6	
	45	426.7	394.0	3.8	412.3	416.0	3.5	397.3	438.0	3.2	381.3	460.0	2.9	364.4	482.0	2.6	
	46	435.2	394.8	3.9	420.7	416.0	3.5	405.5	438.0	3.2	389.5	462.0	3.0	372.4	484.0	2.7	
	48	452.3	396.4	4.0	437.7	418.0	3.7	422.3	442.0	3.3	406.0	464.0	3.1	388.7	488.0	2.8	
50	470.1	398.0	4.1	455.2	420.0	3.8	439.5	444.0	3.5	423.0	466.0	3.2	405.5	492.0	2.9		
SLCSC-600-2A	40	436.5	438.0	3.5	422.2	462.0	3.2	407.2	488.0	2.9	391.2	514.0	2.7	---	---	---	
	42	454.0	440.0	3.6	439.5	464.0	3.3	424.2	490.0	3.0	408.0	516.0	2.8	---	---	---	
	44	472.1	442.0	3.7	457.3	466.0	3.4	441.7	492.0	3.1	425.3	520.0	2.9	---	---	---	
	45	481.3	442.0	3.8	466.3	468.0	3.5	450.7	494.0	3.2	434.2	520.0	2.9	---	---	---	
	46	490.6	444.0	3.9	475.5	468.0	3.6	459.6	494.0	3.3	443.0	522.0	3.0	---	---	---	
	48	509.6	444.0	4.0	494.1	470.0	3.7	478.0	496.0	3.4	461.1	524.0	3.1	---	---	---	
50	529.1	446.0	4.2	513.3	472.0	3.8	496.8	498.0	3.5	479.6	528.0	3.2	---	---	---		
SLCSC-200-4A	40	124.6	138.4	3.2	119.6	145.6	2.9	114.3	153.2	2.6	109.0	160.8	2.4	103.0	168.8	2.1	
	42	129.9	139.6	3.3	124.6	146.8	3.0	119.3	154.4	2.7	113.6	162.0	2.5	108.0	170.0	2.2	
	44	135.3	140.4	3.4	129.9	148.0	3.1	124.6	155.6	2.8	119.0	163.2	2.6	113.0	171.2	2.3	
	45	138.3	141.2	3.4	132.6	148.4	3.1	127.3	156.0	2.9	121.6	164.0	2.6	115.3	172.0	2.3	
	46	140.9	141.6	3.5	135.6	148.8	3.2	129.9	156.4	2.9	124.0	164.4	2.6	118.0	172.8	2.4	
	48	146.6	142.8	3.6	140.9	150.0	3.3	135.3	157.6	3.0	129.3	165.6	2.7	123.3	174.0	2.5	
50	152.6	144.0	3.7	146.9	151.2	3.4	140.9	158.8	3.1	134.9	166.8	2.8	128.6	175.2	2.6		
SLCSC-240-4A	40	157.9	170.4	3.2	151.9	180.0	3.0	145.9	190.0	2.7	139.6	200.0	2.4	132.6	210.4	2.2	
	42	164.3	171.6	3.4	158.3	181.2	3.1	152.3	190.8	2.8	145.6	201.2	2.5	138.6	212.0	2.3	
	44	170.9	172.4	3.5	164.9	182.0	3.2	158.6	192.0	2.9	151.9	202.4	2.6	144.6	213.2	2.4	
	45	174.3	172.8	3.5	167.9	182.4	3.2	161.6	192.4	2.9	154.9	203.2	2.7	147.9	214.0	2.4	
	46	177.6	173.2	3.6	171.3	182.8	3.3	164.9	193.2	3.0	158.3	203.6	2.7	150.9	214.8	2.5	
	48	184.6	174.4	3.7	178.3	184.0	3.4	171.6	194.0	3.1	164.6	204.8	2.8	157.3	216.0	2.5	
50	191.6	175.2	3.8	185.3	184.8	3.5	178.3	195.2	3.2	171.3	206.0	2.9	163.9	217.2	2.6		



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-280-4A	40	181.6	192.8	3.3	173.3	202.8	3.0	164.6	213.6	2.7	155.6	224.4	2.4	146.3	236.0	2.2
	42	189.6	194.4	3.4	180.9	204.4	3.1	172.3	215.2	2.8	162.9	226.4	2.5	153.6	237.6	2.3
	44	197.9	196.0	3.5	189.3	206.0	3.2	179.9	216.8	2.9	170.6	228.0	2.6	160.9	239.6	2.4
	45	201.9	196.8	3.6	193.3	206.8	3.3	184.3	217.6	3.0	174.6	228.8	2.7	164.9	240.4	2.4
	46	206.3	197.6	3.7	197.3	207.6	3.3	188.3	218.4	3.0	178.6	229.6	2.7	168.6	241.6	2.4
	48	214.9	199.2	3.8	205.9	209.2	3.4	196.6	220.0	3.1	186.6	231.2	2.8	176.6	243.2	2.5
50	223.9	200.8	3.9	214.6	210.8	3.6	204.9	221.6	3.2	194.9	233.2	2.9	184.6	245.2	2.6	
SLCSC-320-4A	40	211.6	229.2	3.2	202.9	241.6	2.9	194.3	254.0	2.7	184.9	266.8	2.4	174.9	279.2	2.2
	42	220.6	231.2	3.3	211.9	243.2	3.0	202.6	255.6	2.8	193.3	268.8	2.5	183.3	281.6	2.3
	44	229.6	232.8	3.5	220.6	244.8	3.2	211.6	257.6	2.9	201.9	270.4	2.6	191.9	284.0	2.4
	45	234.2	233.6	3.5	225.2	246.0	3.2	215.9	258.4	2.9	206.3	271.6	2.7	196.3	284.8	2.4
	46	239.2	234.4	3.6	229.9	246.8	3.3	220.6	259.2	3.0	210.6	272.4	2.7	200.6	286.0	2.5
	48	248.9	236.4	3.7	239.2	248.4	3.4	229.6	261.2	3.1	219.6	274.4	2.8	209.2	288.0	2.5
50	258.6	238.4	3.8	248.9	250.4	3.5	239.2	263.2	3.2	228.9	276.4	2.9	218.6	290.0	2.6	
SLCSC-360-4A	40	245.2	258.8	3.3	236.2	273.2	3.0	226.9	288.0	2.8	216.9	303.6	2.5	206.3	319.2	2.3
	42	258.6	260.0	3.5	245.9	274.8	3.1	236.6	290.0	2.9	226.2	305.6	2.6	215.6	321.6	2.3
	44	265.2	261.6	3.5	255.9	276.0	3.2	246.2	291.6	3.0	235.9	307.2	2.7	225.2	323.6	2.4
	45	270.6	262.4	3.6	261.2	276.8	3.3	251.2	292.4	3.0	240.9	308.0	2.7	229.9	324.8	2.5
	46	275.9	263.2	3.7	266.2	277.6	3.4	256.2	293.2	3.1	245.9	309.2	2.8	234.9	325.6	2.5
	48	286.6	264.8	3.8	276.9	279.2	3.5	266.6	294.8	3.2	255.9	310.8	2.9	244.9	327.6	2.6
50	297.5	266.0	3.9	287.6	280.8	3.6	277.2	296.0	3.3	266.2	312.4	3.0	254.9	329.6	2.7	
SLCSC-440-4A	40	298.9	304.0	3.4	285.2	319.6	3.1	270.9	336.4	2.8	256.2	353.6	2.5	240.9	371.6	2.3
	42	312.2	306.0	3.6	298.2	322.0	3.2	283.6	338.8	2.9	268.6	356.4	2.6	252.9	374.4	2.4
	44	325.9	308.4	3.7	311.5	324.4	3.4	296.5	341.2	3.0	281.2	358.8	2.7	265.2	378.4	2.5
	45	332.9	309.6	3.8	318.2	325.6	3.4	303.2	342.4	3.1	287.6	360.4	2.8	271.6	378.8	2.5
	46	339.9	310.8	3.8	325.2	326.8	3.5	309.9	344.0	3.2	294.2	361.6	2.8	277.9	380.4	2.6
	48	354.2	313.6	4.0	339.2	329.6	3.6	323.5	346.4	3.3	307.5	364.4	3.0	290.9	383.2	2.7
50	368.9	316.4	4.1	353.5	332.4	3.7	337.5	349.2	3.4	321.2	367.2	3.1	304.2	386.0	2.8	
SLCSC-500-4A	40	344.5	357.2	3.4	330.5	376.4	3.1	316.2	395.6	2.8	301.2	415.6	2.5	285.2	435.2	2.3
	42	359.2	360.0	3.5	344.9	378.8	3.2	330.2	398.4	2.9	314.9	418.4	2.6	298.9	438.8	2.4
	44	374.2	362.8	3.6	359.5	381.6	3.3	344.5	401.2	3.0	328.9	421.6	2.7	312.5	442.4	2.5
	45	381.5	364.0	3.7	366.9	382.8	3.4	351.9	402.8	3.1	336.2	423.2	2.8	319.5	444.0	2.5
	46	389.5	365.6	3.7	374.5	384.4	3.4	359.2	404.0	3.1	343.2	424.4	2.8	326.5	445.6	2.6
	48	405.2	368.4	3.8	389.8	387.2	3.5	374.2	406.8	3.2	357.9	427.6	2.9	341.2	448.8	2.7
50	421.2	371.6	4.0	405.5	390.0	3.6	389.5	410.0	3.3	372.9	430.4	3.0	355.9	452.0	2.8	
SLCSC-560-4A	40	401.2	405.2	3.5	386.5	427.6	3.2	371.2	451.2	2.9	355.2	475.2	2.6	337.9	499.6	2.4
	42	417.5	407.2	3.6	402.5	430.0	3.3	386.8	453.6	3.0	370.5	478.0	2.7	352.9	503.2	2.5
	44	434.5	409.6	3.7	419.2	432.4	3.4	403.2	456.4	3.1	386.2	481.2	2.8	368.5	506.8	2.5
	45	442.8	410.8	3.8	427.5	433.6	3.5	411.2	457.6	3.1	394.2	482.4	2.9	376.5	508.4	2.6
	46	451.5	412.0	3.8	435.8	434.8	3.5	419.5	458.8	3.2	402.5	484.0	2.9	384.5	510.0	2.6
	48	469.1	414.0	4.0	453.2	437.2	3.6	436.5	461.2	3.3	418.8	486.4	3.0	400.5	513.2	2.7
50	487.1	416.8	4.1	470.8	439.6	3.7	453.8	463.6	3.4	435.8	489.2	3.1	417.2	516.0	2.8	
SLCSC-720-4A	40	513.5	512.4	3.5	490.1	539.2	3.2	465.8	567.2	2.9	440.5	596.0	2.6	414.2	626.0	2.3
	42	536.1	516.0	3.6	512.1	542.8	3.3	487.5	571.2	3.0	461.5	600.4	2.7	434.8	630.8	2.4
	44	559.4	520.0	3.8	535.1	546.8	3.4	509.8	575.2	3.1	483.5	605.2	2.8	456.2	636.0	2.5
	45	571.4	522.4	3.8	546.8	549.2	3.5	521.1	577.6	3.2	494.5	607.2	2.9	466.8	638.4	2.6
	46	583.8	524.4	3.9	558.4	551.2	3.5	532.5	579.6	3.2	505.8	609.6	2.9	477.8	640.8	2.6
	48	608.4	528.8	4.0	582.8	555.6	3.7	556.1	584.0	3.3	528.5	614.4	3.0	500.1	645.6	2.7
50	633.7	533.6	4.2	607.4	560.4	3.8	580.1	588.8	3.4	552.1	619.2	3.1	523.1	650.8	2.8	



	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
Rating For R-22	SLCSC-840-4A	40	597.1	607.6	3.4	573.1	640.0	3.1	548.1	672.8	2.9	522.1	706.0	2.6	494.8	739.6	2.3
		42	622.1	612.0	3.6	597.8	644.4	3.2	572.4	677.6	3.0	545.8	711.2	2.7	518.1	745.6	2.4
		44	648.1	616.8	3.7	623.1	648.8	3.4	597.1	682.4	3.1	570.1	716.4	2.8	542.1	751.6	2.5
		45	661.1	619.2	3.7	635.7	651.2	3.4	609.8	684.8	3.1	582.4	719.2	2.8	554.1	754.4	2.6
		46	674.4	621.6	3.8	648.7	653.6	3.5	622.4	687.2	3.2	595.1	721.6	2.9	566.4	757.2	2.6
	48	701.7	626.4	3.9	675.4	658.4	3.6	648.4	692.0	3.3	620.4	726.8	3.0	591.4	762.8	2.7	
	50	729.7	631.6	4.0	702.7	663.2	3.7	675.1	696.8	3.4	646.4	732.0	3.1	616.8	768.4	2.8	
	40	692.7	686.8	3.5	667.7	724.8	3.2	641.1	764.4	2.9	613.1	804.0	2.7	583.4	848.0	2.4	
	42	721.0	690.4	3.7	695.1	728.8	3.3	668.4	768.8	3.0	639.7	812.0	2.8	609.8	852.0	2.5	
	44	749.7	694.4	3.8	723.4	732.8	3.5	696.1	773.2	3.2	667.1	816.0	2.9	636.7	860.0	2.6	
	45	764.4	696.0	3.8	738.0	734.8	3.5	710.0	775.2	3.2	681.1	816.0	2.9	650.4	860.0	2.6	
	46	779.4	698.0	3.9	752.4	736.8	3.6	724.4	777.6	3.3	695.1	820.0	3.0	664.1	864.0	2.7	
	48	810.0	702.0	4.0	782.4	740.8	3.7	753.4	781.6	3.4	723.4	824.0	3.1	692.1	868.0	2.8	
	50	841.0	706.4	4.2	812.7	744.8	3.8	783.4	786.0	3.5	752.7	828.0	3.2	720.7	876.0	2.9	
	40	772.0	778.8	3.5	744.4	820.0	3.2	715.4	864.0	2.9	684.1	904.0	2.6	650.4	944.0	2.4	
42	804.0	782.8	3.6	776.0	824.0	3.3	746.4	868.0	3.0	715.0	912.0	2.7	681.4	956.0	2.5		
44	836.7	786.0	3.7	808.3	828.0	3.4	778.4	872.0	3.1	746.7	916.0	2.9	712.7	964.0	2.6		
45	853.3	788.0	3.8	824.7	832.0	3.5	794.7	876.0	3.2	762.7	920.0	2.9	728.7	964.0	2.6		
46	870.3	789.6	3.9	841.3	832.0	3.5	811.0	876.0	3.2	779.0	924.0	3.0	744.7	968.0	2.7		
48	904.6	792.8	4.0	875.3	836.0	3.7	844.7	884.0	3.3	812.0	928.0	3.1	777.4	976.0	2.8		
50	940.3	796.0	4.1	910.3	840.0	3.8	879.0	888.0	3.5	846.0	932.0	3.2	811.0	984.0	2.9		
40	873.0	876.0	3.5	844.3	924.0	3.2	814.3	976.0	2.9	782.4	1028.0	2.7	---	---	---		
42	908.0	880.0	3.6	879.0	928.0	3.3	848.3	980.0	3.0	816.0	1032.0	2.8	---	---	---		
44	944.3	884.0	3.7	914.6	932.0	3.4	883.3	984.0	3.1	850.7	1040.0	2.9	---	---	---		
45	962.6	884.0	3.8	932.6	936.0	3.5	901.3	988.0	3.2	868.3	1040.0	2.9	---	---	---		
46	981.3	888.0	3.9	951.0	936.0	3.6	919.3	988.0	3.3	886.0	1044.0	3.0	---	---	---		
48	1019.3	888.0	4.0	988.3	940.0	3.7	956.0	992.0	3.4	922.3	1048.0	3.1	---	---	---		
50	1058.2	892.0	4.2	1026.6	944.0	3.8	993.6	996.0	3.5	959.3	1056.0	3.2	---	---	---		
Rating For R-134A	SLCSC-50-1A	40	29.7	32.3	3.2	28.3	33.8	2.9	26.8	35.4	2.7	25.3	37.2	2.4	23.7	39.2	2.1
		42	31.2	32.6	3.4	29.7	34.1	3.1	28.2	35.7	2.8	26.7	37.5	2.5	25.1	39.5	2.2
		44	32.8	32.9	3.5	31.2	34.4	3.2	29.7	36.0	2.9	28.1	37.8	2.6	26.4	39.8	2.3
		45	33.6	33.0	3.6	32.0	34.5	3.2	30.4	36.1	2.9	28.7	37.9	2.7	27.1	39.9	2.4
		46	34.4	33.2	3.6	32.8	34.7	3.3	31.2	36.3	3.0	29.5	38.1	2.7	27.7	40.0	2.4
	48	36.1	33.5	3.8	34.4	35.0	3.4	32.7	36.6	3.1	31.0	38.4	2.8	29.2	40.3	2.5	
	50	37.7	33.7	3.9	36.1	35.3	3.6	34.3	36.9	3.3	32.5	38.7	2.9	30.7	40.7	2.6	
	40	35.6	36.1	3.4	34.0	38.1	3.1	32.4	40.2	2.8	30.7	42.5	2.5	29.0	44.9	2.3	
	42	37.2	36.4	3.6	35.7	38.4	3.2	34.0	40.5	2.9	32.3	42.7	2.6	30.5	45.2	2.4	
	44	39.0	36.6	3.7	37.4	38.6	3.4	35.7	40.7	3.1	33.9	43.0	2.8	32.1	45.5	2.5	
	45	39.9	36.8	3.8	38.2	38.7	3.5	36.5	40.9	3.1	34.7	43.1	2.8	32.9	45.6	2.5	
	46	40.8	36.9	3.9	39.2	38.9	3.5	37.4	41.0	3.2	35.6	43.3	2.9	33.7	45.7	2.6	
	48	42.7	37.2	4.0	41.0	39.1	3.7	39.2	41.3	3.3	37.3	43.5	3.0	35.4	46.0	2.7	
	50	44.6	37.4	4.2	42.9	39.4	3.8	41.0	41.5	3.5	39.1	43.8	3.1	37.2	46.3	2.8	
	40	39.7	40.8	3.4	38.2	43.0	3.1	36.5	45.4	2.8	34.8	48.1	2.5	33.1	51.1	2.3	
	42	41.7	41.2	3.5	40.0	43.4	3.2	38.2	45.8	2.9	36.5	48.5	2.6	34.7	51.5	2.4	
	44	43.6	41.6	3.7	41.8	43.8	3.3	40.1	46.2	3.0	38.3	48.9	2.7	36.5	51.8	2.5	
	45	44.6	41.8	3.7	42.8	44.0	3.4	41.0	46.4	3.1	39.2	49.1	2.8	37.3	52.0	2.5	
	46	45.6	42.0	3.8	43.8	44.2	3.5	42.0	46.6	3.2	40.2	49.3	2.9	38.2	52.2	2.6	
	48	47.6	42.4	3.9	45.8	44.6	3.6	43.9	47.0	3.3	42.0	49.7	3.0	40.1	52.6	2.7	
	50	49.8	42.8	4.1	47.9	45.0	3.7	46.0	47.4	3.4	44.0	50.1	3.1	42.0	53.0	2.8	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-80-1A	40	49.9	49.0	3.6	47.9	51.8	3.2	45.9	54.8	2.9	43.8	58.2	2.6	41.7	61.9	2.4
	42	52.3	49.3	3.7	50.2	52.1	3.4	48.1	55.1	3.1	46.0	58.4	2.8	43.9	62.1	2.5
	44	54.8	49.6	3.9	52.6	52.4	3.5	50.5	55.4	3.2	48.3	58.7	2.9	46.1	62.3	2.6
	45	56.1	49.8	3.9	53.9	52.5	3.6	51.7	55.5	3.3	49.5	58.8	2.9	47.2	62.4	2.6
	46	57.4	49.9	4.0	55.1	52.7	3.7	52.9	55.7	3.3	50.6	58.9	3.0	48.4	62.6	2.7
	48	60.1	50.3	4.2	57.7	53.0	3.8	55.5	56.0	3.5	53.1	59.2	3.1	50.7	62.8	2.8
SLCSC-90-1A	40	56.9	56.3	3.5	54.6	59.3	3.2	52.1	62.5	2.9	49.6	65.9	2.6	47.1	69.6	2.4
	42	59.6	56.7	3.7	57.2	59.7	3.4	54.7	62.9	3.0	52.1	66.3	2.8	49.6	70.0	2.5
	44	62.5	57.1	3.8	60.0	60.1	3.5	57.4	63.3	3.2	54.7	66.7	2.9	52.1	70.4	2.6
	45	63.9	57.3	3.9	61.4	60.3	3.6	58.7	63.5	3.2	56.1	66.9	2.9	53.3	70.6	2.6
	46	65.4	57.5	4.0	62.8	60.5	3.6	60.1	63.7	3.3	57.4	67.1	3.0	54.6	70.8	2.7
	48	68.4	57.9	4.1	65.7	60.9	3.8	63.0	64.1	3.4	60.2	67.5	3.1	57.3	71.2	2.8
SLCSC-110-1A	40	66.6	65.9	3.5	64.1	69.9	3.2	61.6	74.1	2.9	59.0	78.5	2.6	56.4	83.1	2.4
	42	69.7	66.1	3.7	67.1	70.1	3.4	64.6	74.3	3.0	61.9	78.7	2.8	59.1	83.4	2.5
	44	73.0	66.4	3.8	70.3	70.3	3.5	67.6	74.5	3.2	64.8	79.0	2.9	62.0	83.6	2.6
	45	74.6	66.5	3.9	71.9	70.5	3.6	69.1	74.7	3.2	66.3	79.1	2.9	63.5	83.8	2.7
	46	76.2	66.6	4.0	73.5	70.6	3.6	70.7	74.8	3.3	67.8	79.2	3.0	65.0	83.9	2.7
	48	79.6	66.8	4.2	76.8	70.8	3.8	74.0	75.0	3.5	71.0	79.5	3.1	68.0	84.2	2.8
SLCSC-125-1A	40	83.1	67.1	4.3	80.3	71.1	4.0	77.3	75.3	3.6	74.2	79.8	3.3	71.1	84.5	2.9
	42	74.8	72.9	3.6	71.8	76.7	3.3	68.7	80.8	3.0	65.6	85.2	2.7	62.3	89.8	2.4
	44	78.4	73.5	3.7	75.3	77.3	3.4	72.1	81.5	3.1	68.9	85.9	2.8	65.6	90.5	2.5
	45	82.1	74.2	3.9	79.0	78.0	3.5	75.6	82.1	3.2	72.3	86.5	2.9	68.9	91.2	2.6
	46	84.0	74.5	3.9	80.8	78.3	3.6	77.5	82.5	3.3	74.1	86.9	3.0	70.6	91.5	2.7
	48	89.9	75.6	4.2	86.5	79.4	3.8	83.1	83.5	3.5	79.6	87.9	3.2	76.0	92.6	2.9
SLCSC-140-1A	40	94.0	76.3	4.3	90.5	80.1	4.0	87.0	84.1	3.6	83.4	88.5	3.3	79.7	93.2	3.0
	42	86.0	80.8	3.7	82.7	85.4	3.4	79.4	90.5	3.1	76.0	95.9	2.8	72.6	101.8	2.5
	44	90.0	81.3	3.9	86.6	86.0	3.5	83.1	91.0	3.2	79.6	96.5	2.9	76.1	102.3	2.6
	45	94.2	81.9	4.0	90.6	86.5	3.7	87.0	91.5	3.3	83.5	97.0	3.0	79.7	102.9	2.7
	46	96.3	82.1	4.1	92.7	86.7	3.7	89.0	91.8	3.4	85.4	97.3	3.1	81.6	103.2	2.8
	48	98.5	82.4	4.2	94.8	87.0	3.8	91.1	92.1	3.5	87.4	97.5	3.1	83.5	103.5	2.8
SLCSC-180-1A	40	103.0	82.9	4.3	99.2	87.5	4.0	95.3	92.6	3.6	91.5	98.1	3.3	87.5	104.0	2.9
	42	107.5	83.4	4.5	103.6	88.0	4.1	99.7	93.1	3.7	95.6	98.6	3.4	91.5	104.6	3.1
	44	115.0	111.8	3.6	110.7	118.5	3.3	106.3	125.5	3.0	101.9	133.0	2.7	97.3	140.7	2.4
	45	120.4	112.1	3.8	115.9	118.9	3.4	111.4	126.0	3.1	106.8	133.4	2.8	102.0	141.2	2.5
	46	125.9	112.5	3.9	121.3	119.2	3.6	116.6	126.4	3.2	111.8	133.9	2.9	107.0	141.7	2.6
	48	128.6	112.7	4.0	124.0	119.4	3.6	119.3	126.6	3.3	114.5	134.1	3.0	109.5	142.0	2.7
SLCSC-210-1A	40	131.5	112.9	4.1	126.8	119.6	3.7	122.0	126.8	3.4	117.0	134.3	3.1	112.1	142.2	2.8
	42	137.4	113.3	4.2	132.5	120.1	3.9	127.5	127.2	3.5	122.5	134.8	3.2	117.4	143.2	2.9
	44	143.4	113.8	4.4	138.4	120.5	4.0	133.4	127.6	3.7	128.1	135.2	3.3	122.8	143.2	3.0
	45	148.2	124.8	3.6	123.0	131.4	3.3	117.7	138.4	3.0	112.3	145.9	2.7	106.7	153.8	2.4
	46	134.3	125.9	3.7	129.0	132.5	3.4	123.5	139.6	3.1	118.0	147.1	2.8	112.3	155.0	2.5
	48	140.7	127.0	3.9	135.2	133.6	3.5	129.6	140.7	3.2	123.9	148.2	2.9	118.0	156.2	2.6
SLCSC-210-1A	45	143.9	127.6	3.9	138.4	134.2	3.6	132.7	141.2	3.3	126.9	148.8	3.0	121.0	156.8	2.7
	46	147.2	128.2	4.0	141.6	134.8	3.7	135.9	141.8	3.4	129.9	149.4	3.0	124.0	157.4	2.8
	48	154.0	129.5	4.2	148.3	135.9	3.8	142.4	143.0	3.5	136.3	150.5	3.2	130.1	158.5	2.9
	50	161.0	130.8	4.3	155.1	137.2	4.0	149.1	144.1	3.6	142.9	151.6	3.3	136.4	159.6	3.0



Rating For R-134A	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-240-1A	40	146.3	137.5	3.7	140.7	145.3	3.4	135.0	153.9	3.1	129.2	163.1	2.8	123.4	173.1	2.5	
	42	153.1	138.4	3.9	147.4	146.2	3.5	141.4	154.8	3.2	135.4	164.1	2.9	129.4	174.1	2.6	
	44	160.2	139.2	4.0	154.2	147.1	3.7	148.1	155.7	3.3	141.9	165.0	3.0	135.7	175.0	2.7	
	45	163.9	139.7	4.1	157.7	147.5	3.7	151.5	156.1	3.4	145.2	165.5	3.1	138.9	175.5	2.8	
	46	167.5	140.1	4.2	161.3	148.0	3.8	155.0	156.6	3.5	148.6	165.9	3.1	142.1	176.0	2.8	
	48	175.1	141.0	4.3	168.7	148.8	4.0	162.1	157.4	3.6	155.5	166.8	3.3	148.8	176.9	2.9	
	50	182.9	141.8	4.5	176.3	149.7	4.1	169.5	158.3	3.7	162.7	167.7	3.4	155.8	177.9	3.1	
SLCSC-100-2A	40	59.5	64.6	3.2	56.6	67.6	2.9	53.6	70.8	2.7	50.6	74.4	2.4	47.5	78.4	2.1	
	42	62.5	65.2	3.4	59.5	68.2	3.1	56.5	71.4	2.8	53.3	75.0	2.5	50.1	79.0	2.2	
	44	65.6	65.8	3.5	62.5	68.8	3.2	59.3	72.0	2.9	56.1	75.6	2.6	52.8	79.6	2.3	
	45	67.1	66.0	3.6	64.0	69.0	3.2	60.8	72.2	2.9	57.5	75.8	2.7	54.1	79.8	2.4	
	46	68.8	66.4	3.6	65.6	69.4	3.3	62.3	72.6	3.0	59.0	76.2	2.7	55.5	80.0	2.4	
	48	72.1	67.0	3.8	68.8	70.0	3.4	65.5	73.2	3.1	62.0	76.8	2.8	58.3	80.6	2.5	
	50	75.5	67.4	3.9	72.1	70.6	3.6	68.6	73.8	3.3	65.0	77.4	2.9	61.3	81.4	2.6	
SLCSC-120-2A	40	71.1	72.2	3.4	68.0	76.2	3.1	64.8	80.4	2.8	61.5	85.0	2.5	58.0	89.8	2.3	
	42	74.5	72.8	3.6	71.3	76.8	3.2	68.0	81.0	2.9	64.6	85.4	2.6	61.0	90.4	2.4	
	44	78.0	73.2	3.7	74.8	77.2	3.4	71.3	81.4	3.1	67.8	86.0	2.8	64.1	91.0	2.5	
	45	79.8	73.6	3.8	76.5	77.4	3.5	73.0	81.8	3.1	69.5	86.2	2.8	65.8	91.2	2.5	
	46	81.6	73.8	3.9	78.3	77.8	3.5	74.8	82.0	3.2	71.1	86.6	2.9	67.5	91.4	2.6	
	48	85.5	74.4	4.0	82.0	78.2	3.7	78.3	82.6	3.3	74.6	87.0	3.0	70.8	92.0	2.7	
	50	89.3	74.8	4.2	85.8	78.8	3.8	82.0	83.0	3.5	78.1	87.6	3.1	74.3	92.6	2.8	
SLCSC-140-2A	40	79.5	81.6	3.4	76.3	86.0	3.1	73.0	90.8	2.8	69.6	96.2	2.5	66.1	102.2	2.3	
	42	83.3	82.4	3.5	80.0	86.8	3.2	76.5	91.6	2.9	73.0	97.0	2.6	69.5	103.0	2.4	
	44	87.1	83.2	3.7	83.6	87.6	3.3	80.1	92.4	3.0	76.6	97.8	2.7	73.0	103.6	2.5	
	45	89.1	83.6	3.7	85.6	88.0	3.4	82.0	92.8	3.1	78.3	98.2	2.8	74.6	104.0	2.5	
	46	91.1	84.0	3.8	87.6	88.4	3.5	84.0	93.2	3.2	80.3	98.6	2.9	76.5	104.4	2.6	
	48	95.3	84.8	3.9	91.6	89.2	3.6	87.8	94.0	3.3	84.0	99.4	3.0	80.1	105.2	2.7	
	50	99.6	85.6	4.1	95.8	90.0	3.7	92.0	94.8	3.4	88.0	100.2	3.1	84.0	106.0	2.8	
SLCSC-160-2A	40	99.8	98.0	3.6	95.8	103.6	3.2	91.8	109.6	2.9	87.6	116.4	2.6	83.5	123.8	2.4	
	42	104.6	98.6	3.7	100.5	104.2	3.4	96.3	110.2	3.1	92.0	116.8	2.8	87.8	124.2	2.5	
	44	109.6	99.2	3.9	105.3	104.8	3.5	101.0	110.8	3.2	96.6	117.4	2.9	92.1	124.6	2.6	
	45	112.1	99.6	3.9	107.8	105.0	3.6	103.5	111.0	3.3	99.0	117.6	2.9	94.5	124.8	2.6	
	46	114.8	99.8	4.0	110.3	105.4	3.7	105.8	111.4	3.3	101.3	117.8	3.0	96.8	125.2	2.7	
	48	120.1	100.6	4.2	115.5	106.0	3.8	111.0	112.0	3.5	106.3	118.4	3.1	101.5	125.6	2.8	
	50	125.6	101.2	4.3	120.8	106.6	4.0	116.1	112.6	3.6	111.3	119.0	3.3	106.5	126.2	3.0	
SLCSC-180-2A	40	113.8	112.6	3.5	109.1	118.6	3.2	104.3	125.0	2.9	99.3	131.8	2.6	94.3	139.2	2.4	
	42	119.3	113.4	3.7	114.5	119.4	3.4	109.5	125.8	3.0	104.3	132.6	2.8	99.1	140.0	2.5	
	44	125.0	114.2	3.8	120.0	120.2	3.5	114.8	126.6	3.2	109.5	133.4	2.9	104.1	140.8	2.6	
	45	127.8	114.6	3.9	122.8	120.6	3.6	117.5	127.0	3.2	112.1	133.8	2.9	106.6	141.2	2.6	
	46	130.8	115.0	4.0	125.6	121.0	3.6	120.3	127.4	3.3	114.8	134.2	3.0	109.3	141.6	2.7	
	48	136.8	115.8	4.1	131.4	121.8	3.8	125.9	128.2	3.4	120.5	135.0	3.1	114.6	142.4	2.8	
	50	142.9	116.6	4.3	137.6	122.6	3.9	131.9	129.0	3.6	126.1	135.8	3.3	120.3	143.2	2.9	
SLCSC-220-2A	40	133.3	131.8	3.5	128.3	139.8	3.2	123.3	148.2	2.9	118.0	157.0	2.6	112.8	166.2	2.4	
	42	139.4	132.2	3.7	134.3	140.2	3.4	129.1	148.6	3.0	123.8	157.4	2.8	118.3	166.8	2.5	
	44	145.9	132.8	3.8	140.6	140.6	3.5	135.1	149.0	3.2	129.6	158.0	2.9	124.0	167.2	2.6	
	45	149.1	133.0	3.9	143.8	141.0	3.6	138.3	149.4	3.2	132.6	158.2	2.9	126.9	167.6	2.7	
	46	152.4	133.2	4.0	146.9	141.2	3.6	141.4	149.6	3.3	135.6	158.4	3.0	129.9	167.8	2.7	
	48	159.3	133.6	4.2	153.6	141.6	3.8	147.9	150.0	3.5	141.9	159.0	3.1	135.9	168.4	2.8	
	50	166.3	134.2	4.3	160.6	142.2	4.0	154.6	150.6	3.6	148.4	159.6	3.3	142.3	169.0	2.9	



Rating For R-134A	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-250-2A	40	149.6	145.8	3.6	143.6	153.4	3.3	137.4	161.6	3.0	131.1	170.4	2.7	124.6	179.6	2.4	
	42	156.8	147.0	3.7	150.6	154.6	3.4	144.3	163.0	3.1	137.8	171.8	2.8	131.1	181.0	2.5	
	44	164.3	148.4	3.9	157.9	156.0	3.5	151.3	164.2	3.2	144.6	173.0	2.9	137.8	182.4	2.6	
	45	168.1	149.0	3.9	161.6	156.6	3.6	154.9	165.0	3.3	148.1	173.8	3.0	141.3	183.0	2.7	
	46	171.9	149.8	4.0	165.4	157.4	3.7	158.6	165.6	3.4	151.8	174.4	3.0	144.8	183.8	2.8	
	48	179.8	151.2	4.2	173.1	158.8	3.8	166.3	167.0	3.5	159.1	175.8	3.2	151.9	185.2	2.9	
	50	188.1	152.6	4.3	181.1	160.2	4.0	174.1	168.2	3.6	166.8	177.0	3.3	159.4	186.4	3.0	
SLCSC-280-2A	40	171.9	161.6	3.7	165.4	170.8	3.4	158.8	181.0	3.1	151.9	191.8	2.8	145.1	203.6	2.5	
	42	180.1	162.6	3.9	173.3	172.0	3.5	166.3	182.0	3.2	159.3	193.0	2.9	152.1	204.6	2.6	
	44	188.4	163.8	4.0	181.3	173.0	3.7	174.1	183.0	3.3	166.9	194.0	3.0	159.4	205.8	2.7	
	45	192.6	164.2	4.1	185.4	173.4	3.7	178.1	183.6	3.4	170.8	194.6	3.1	163.3	206.4	2.8	
	46	196.9	164.8	4.2	189.6	174.0	3.8	182.3	184.2	3.5	174.8	195.0	3.1	167.1	207.0	2.8	
	48	205.9	165.8	4.3	198.4	175.0	4.0	190.6	185.2	3.6	182.9	196.2	3.3	174.9	208.0	2.9	
	50	215.1	166.8	4.5	207.3	176.0	4.1	199.4	186.2	3.7	191.3	197.2	3.4	183.1	209.2	3.1	
SLCSC-360-2A	40	230.1	223.6	3.6	221.4	237.0	3.3	212.6	251.0	3.0	203.8	266.0	2.7	194.6	281.4	2.4	
	42	240.7	224.2	3.8	231.7	237.8	3.4	222.7	252.0	3.1	213.6	266.8	2.8	204.1	282.4	2.5	
	44	251.7	225.0	3.9	242.6	238.4	3.6	233.2	252.8	3.2	223.6	267.8	2.9	214.1	283.4	2.6	
	45	257.2	225.4	4.0	248.1	238.8	3.6	238.6	253.2	3.3	228.9	268.2	3.0	219.1	284.0	2.7	
	46	263.1	225.8	4.1	253.6	239.2	3.7	243.9	253.6	3.4	234.1	268.6	3.1	224.2	284.4	2.8	
	48	274.7	226.6	4.2	265.1	240.2	3.9	255.1	254.4	3.5	245.1	269.6	3.2	234.7	286.4	2.9	
	50	286.9	227.6	4.4	276.9	241.0	4.0	266.7	255.2	3.7	256.2	270.4	3.3	245.6	286.4	3.0	
SLCSC-420-2A	40	256.4	249.6	3.6	246.1	262.8	3.3	235.4	276.8	3.0	224.6	291.8	2.7	213.4	307.6	2.4	
	42	268.6	251.8	3.7	258.1	265.0	3.4	247.1	279.2	3.1	235.9	294.2	2.8	224.6	310.0	2.5	
	44	281.4	254.0	3.9	270.4	267.2	3.5	259.2	281.4	3.2	247.7	296.4	2.9	236.1	312.4	2.6	
	45	287.9	255.2	3.9	276.7	268.4	3.6	265.4	282.4	3.3	253.7	297.6	3.0	241.9	313.6	2.7	
	46	294.4	256.4	4.0	283.2	269.6	3.7	271.7	283.6	3.4	259.9	298.8	3.0	247.9	314.8	2.8	
	48	308.0	259.0	4.2	296.5	271.8	3.8	284.7	286.0	3.5	272.6	301.0	3.2	260.2	317.0	2.9	
	50	322.0	261.6	4.3	310.2	274.4	4.0	298.2	288.2	3.6	285.7	303.2	3.3	272.9	319.2	3.0	
SLCSC-480-2A	40	292.5	275.0	3.7	281.4	290.6	3.4	270.1	307.8	3.1	258.4	326.2	2.8	246.7	346.2	2.5	
	42	306.2	276.8	3.9	294.7	292.4	3.5	282.9	309.6	3.2	270.9	328.2	2.9	258.9	348.2	2.6	
	44	320.4	278.4	4.0	308.4	294.2	3.7	296.2	311.4	3.3	283.9	330.0	3.0	271.4	350.0	2.7	
	45	327.7	279.4	4.1	315.4	295.0	3.7	303.0	312.2	3.4	290.4	331.0	3.1	277.7	351.0	2.8	
	46	335.0	280.2	4.2	322.5	296.0	3.8	310.0	313.2	3.5	297.2	331.8	3.1	284.2	352.0	2.8	
	48	350.2	282.0	4.3	337.4	297.6	4.0	324.2	314.8	3.6	311.0	333.6	3.3	297.5	353.8	2.9	
	50	365.9	283.6	4.5	352.7	299.4	4.1	339.0	316.6	3.7	325.4	335.4	3.4	311.5	355.8	3.1	
SLCSC-200-4A	40	119.0	129.2	3.2	113.3	135.2	2.9	107.3	141.6	2.7	101.3	148.8	2.4	95.0	156.8	2.1	
	42	125.0	130.4	3.4	119.0	136.4	3.1	113.0	142.8	2.8	106.6	150.0	2.5	100.3	158.0	2.2	
	44	131.3	131.6	3.5	125.0	137.6	3.2	118.6	144.0	2.9	112.3	151.2	2.6	105.6	159.2	2.3	
	45	134.3	132.0	3.6	127.9	138.0	3.2	121.6	144.4	2.9	115.0	151.6	2.7	108.3	159.6	2.4	
	46	137.6	132.8	3.6	131.3	138.8	3.3	124.6	145.2	3.0	118.0	152.4	2.7	111.0	160.0	2.4	
	48	144.3	134.0	3.8	137.6	140.0	3.4	130.9	146.4	3.1	124.0	153.6	2.8	116.6	161.2	2.5	
	50	150.9	134.8	3.9	144.3	141.2	3.6	137.3	147.6	3.3	129.9	154.8	2.9	122.6	162.8	2.6	
SLCSC-240-4A	40	142.3	144.4	3.4	135.9	152.4	3.1	129.6	160.8	2.8	123.0	170.0	2.5	116.0	179.6	2.3	
	42	148.9	145.6	3.6	142.6	153.6	3.2	135.9	162.0	2.9	129.3	170.8	2.6	122.0	180.8	2.4	
	44	155.9	146.4	3.7	149.6	154.4	3.4	142.6	162.8	3.1	135.6	172.0	2.8	128.3	182.0	2.5	
	45	159.6	147.2	3.8	152.9	154.8	3.5	145.9	163.6	3.1	138.9	172.4	2.8	131.6	182.4	2.5	
	46	163.3	147.6	3.9	156.6	155.6	3.5	149.6	164.0	3.2	142.3	173.2	2.9	134.9	182.8	2.6	
	48	170.9	148.8	4.0	163.9	156.4	3.7	156.6	165.2	3.3	149.3	174.0	3.0	141.6	184.0	2.7	
	50	178.6	149.6	4.2	171.6	157.6	3.8	163.9	166.0	3.5	156.3	175.2	3.1	148.6	185.2	2.8	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-280-4A	40	158.9	163.2	3.4	152.6	172.0	3.1	145.9	181.6	2.8	139.3	192.4	2.5	132.3	204.4	2.3
	42	166.6	164.8	3.5	159.9	173.6	3.2	152.9	183.2	2.9	145.9	194.0	2.6	138.9	206.0	2.4
	44	174.3	166.4	3.7	167.3	175.2	3.3	160.3	184.8	3.0	153.3	195.6	2.7	145.9	207.2	2.5
	45	178.3	167.2	3.7	171.3	176.0	3.4	163.9	185.6	3.1	156.6	196.4	2.8	149.3	208.0	2.5
	46	182.3	168.0	3.8	175.3	176.8	3.5	167.9	186.4	3.2	160.6	197.2	2.9	152.9	208.8	2.6
	48	190.6	169.6	3.9	183.3	178.4	3.6	175.6	188.0	3.3	167.9	198.8	3.0	160.3	210.4	2.7
	50	199.3	171.2	4.1	191.6	180.0	3.7	183.9	189.6	3.4	175.9	200.4	3.1	167.9	212.0	2.8
SLCSC-320-4A	40	199.6	196.0	3.6	191.6	207.2	3.2	183.6	219.2	2.9	175.3	232.8	2.6	166.9	247.6	2.4
	42	209.2	197.2	3.7	200.9	208.4	3.4	192.6	220.4	3.1	183.9	233.6	2.8	175.6	248.4	2.5
	44	219.2	198.4	3.9	210.6	209.6	3.5	201.9	221.6	3.2	193.3	234.8	2.9	184.3	249.2	2.6
	45	224.2	199.2	3.9	215.6	210.0	3.6	206.9	222.0	3.3	197.9	235.2	2.9	188.9	249.6	2.6
	46	229.6	199.6	4.0	220.6	210.8	3.7	211.6	222.8	3.3	202.6	235.6	3.0	193.6	250.4	2.7
	48	240.2	201.2	4.2	230.9	212.0	3.8	221.9	224.0	3.5	212.6	236.8	3.1	202.9	251.2	2.8
	50	251.2	202.4	4.3	241.6	213.2	4.0	232.2	225.2	3.6	222.6	238.0	3.3	212.9	252.4	3.0
SLCSC-360-4A	40	227.6	225.2	3.5	218.2	237.2	3.2	208.6	250.0	2.9	198.6	263.6	2.6	188.6	278.4	2.4
	42	238.6	226.8	3.7	228.9	238.8	3.4	218.9	251.6	3.0	208.6	265.2	2.8	198.3	280.0	2.5
	44	249.9	228.4	3.8	239.9	240.4	3.5	229.6	253.2	3.2	218.9	266.8	2.9	208.3	281.6	2.6
	45	255.6	229.2	3.9	245.6	241.2	3.6	234.9	254.0	3.2	224.2	267.6	2.9	213.2	282.4	2.6
	46	261.6	230.0	4.0	251.2	242.0	3.6	240.6	254.8	3.3	229.6	268.4	3.0	218.6	283.2	2.7
	48	273.6	231.6	4.1	262.9	243.6	3.8	251.9	256.4	3.4	240.9	270.0	3.1	229.2	284.8	2.8
	50	285.9	233.2	4.3	275.2	245.2	3.9	263.9	258.0	3.6	252.2	271.6	3.3	240.6	286.4	2.9
SLCSC-440-4A	40	266.6	263.6	3.5	256.6	279.6	3.2	246.6	296.4	2.9	235.9	314.0	2.6	225.6	332.4	2.4
	42	278.9	264.4	3.7	268.6	280.4	3.4	258.2	297.2	3.0	247.6	314.8	2.8	236.6	333.6	2.5
	44	291.9	265.6	3.8	281.2	281.2	3.5	270.2	298.0	3.2	259.2	316.0	2.9	247.9	334.4	2.6
	45	298.2	266.0	3.9	287.6	282.0	3.6	276.6	298.8	3.2	265.2	316.4	2.9	253.9	335.2	2.7
	46	304.9	266.4	4.0	293.9	282.4	3.6	282.9	299.2	3.3	271.2	316.8	3.0	259.9	335.6	2.7
	48	318.5	267.2	4.2	307.2	283.2	3.8	295.9	300.0	3.5	283.9	318.0	3.1	271.9	336.8	2.8
	50	332.5	268.4	4.3	321.2	284.4	4.0	309.2	301.2	3.6	296.9	319.2	3.3	284.6	338.0	2.9
SLCSC-500-4A	40	299.2	291.6	3.6	287.2	306.8	3.3	274.9	323.2	3.0	262.2	340.8	2.7	249.2	359.2	2.4
	42	313.5	294.0	3.7	301.2	309.2	3.4	288.6	326.0	3.1	275.6	343.6	2.8	262.2	362.0	2.5
	44	328.5	296.8	3.9	315.9	312.0	3.5	302.5	328.4	3.2	289.2	346.0	2.9	275.6	364.8	2.6
	45	336.2	298.0	3.9	323.2	313.2	3.6	309.9	330.0	3.3	296.2	347.6	3.0	282.6	366.0	2.7
	46	343.9	299.6	4.0	330.9	314.8	3.7	317.2	331.2	3.4	303.5	348.8	3.0	289.6	367.6	2.8
	48	359.5	302.4	4.2	346.2	317.6	3.8	332.5	334.0	3.5	318.2	351.6	3.2	303.9	370.4	2.9
	50	376.2	305.2	4.3	362.2	320.4	4.0	348.2	336.4	3.6	333.5	354.0	3.3	318.9	372.8	3.0
SLCSC-560-4A	40	343.9	323.2	3.7	330.9	341.6	3.4	317.5	362.0	3.1	303.9	383.6	2.8	290.2	407.2	2.5
	42	360.2	325.2	3.9	346.5	344.0	3.5	332.5	364.0	3.2	318.5	386.0	2.9	304.2	409.2	2.6
	44	376.8	327.6	4.0	362.5	346.0	3.7	348.2	366.0	3.3	333.9	388.0	3.0	318.9	411.6	2.7
	45	385.2	328.4	4.1	370.9	346.8	3.7	356.2	367.2	3.4	341.5	389.2	3.1	326.5	412.8	2.8
	46	393.8	329.6	4.2	379.2	348.0	3.8	364.5	368.4	3.5	349.5	390.0	3.1	334.2	414.0	2.8
	48	411.8	331.6	4.3	396.8	350.0	4.0	381.2	370.4	3.6	365.9	392.4	3.3	349.9	416.0	2.9
	50	430.2	333.6	4.5	414.5	352.0	4.1	398.8	372.4	3.7	382.5	394.4	3.4	366.2	418.4	3.1
SLCSC-720-4A	40	460.1	447.2	3.6	442.8	474.0	3.3	425.2	502.0	3.0	407.5	532.0	2.7	389.2	562.8	2.4
	42	481.5	448.4	3.8	463.5	475.6	3.4	445.5	504.0	3.1	427.2	533.6	2.8	408.2	564.8	2.5
	44	503.5	450.0	3.9	485.1	476.8	3.6	466.5	505.6	3.2	447.2	535.6	2.9	428.2	566.8	2.6
	45	514.5	450.8	4.0	496.1	477.6	3.6	477.1	506.4	3.3	457.8	536.4	3.0	438.2	568.0	2.7
	46	526.1	451.6	4.1	507.1	478.4	3.7	487.8	507.2	3.4	468.1	537.2	3.1	448.5	568.8	2.8
	48	549.4	453.2	4.2	530.1	480.4	3.9	510.1	508.8	3.5	490.1	539.2	3.2	469.5	572.8	2.9
	50	573.8	455.2	4.4	553.8	482.0	4.0	533.5	510.4	3.7	512.5	540.8	3.3	491.1	572.8	3.0

Rating For R-134A



	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
Rating For R-134A	SLCSC-840-4A	40	512.8	499.2	3.6	492.1	525.6	3.3	470.8	553.6	3.0	449.2	583.6	2.7	426.8	615.2	2.4
		42	537.1	503.6	3.7	516.1	530.0	3.4	494.1	558.4	3.1	471.8	588.4	2.8	449.2	620.0	2.5
		44	562.8	508.0	3.9	540.8	534.4	3.5	518.5	562.8	3.2	495.5	592.8	2.9	472.1	624.8	2.6
		45	575.8	510.4	3.9	553.4	536.8	3.6	530.8	564.8	3.3	507.5	595.2	3.0	483.8	627.2	2.7
		46	588.8	512.8	4.0	566.4	539.2	3.7	543.4	567.2	3.4	519.8	597.6	3.0	495.8	629.6	2.8
		48	616.1	518.0	4.2	593.1	543.6	3.8	569.4	572.0	3.5	545.1	602.0	3.2	520.5	634.0	2.9
		50	644.1	523.2	4.3	620.4	548.8	4.0	596.4	576.4	3.6	571.4	606.4	3.3	545.8	638.4	3.0
	SLCSC-960-4A	40	585.1	550.0	3.7	562.8	581.2	3.4	540.1	615.6	3.1	516.8	652.4	2.8	493.5	692.4	2.5
		42	612.4	553.6	3.9	589.4	584.8	3.5	565.8	619.2	3.2	541.8	656.4	2.9	517.8	696.4	2.6
		44	640.7	556.8	4.0	616.8	588.4	3.7	592.4	622.8	3.3	567.8	660.0	3.0	542.8	700.0	2.7
		45	655.4	558.8	4.1	630.7	590.0	3.7	606.1	624.4	3.4	580.8	662.0	3.1	555.4	702.0	2.8
		46	670.1	560.4	4.2	645.1	592.0	3.8	620.1	626.4	3.5	594.4	663.6	3.1	568.4	704.0	2.8
		48	700.4	564.0	4.3	674.7	595.2	4.0	648.4	629.6	3.6	622.1	667.2	3.3	595.1	707.6	2.9
		50	731.7	567.2	4.5	705.4	598.8	4.1	678.1	633.2	3.7	650.7	670.8	3.4	623.1	711.6	3.1
	Rating For R-407C	SLCSC-50-1A	40	31.2	35.5	3.1	29.6	37.4	2.8	28.0	39.5	2.5	26.3	41.6	2.2	24.6	43.8
42			32.6	35.8	3.2	31.0	37.7	2.9	29.3	39.8	2.6	27.6	41.9	2.3	25.8	44.2	2.0
44			34.0	36.0	3.3	32.4	38.0	3.0	30.7	40.1	2.7	28.9	42.2	2.4	27.1	44.5	2.1
45			34.7	36.2	3.4	33.1	38.1	3.0	31.4	40.2	2.7	29.6	42.4	2.4	27.7	44.7	2.2
46			35.6	36.3	3.4	33.8	38.3	3.1	32.1	40.3	2.8	30.3	42.5	2.5	28.4	44.9	2.2
48			37.1	36.6	3.5	35.3	38.6	3.2	33.6	40.6	2.9	31.7	42.8	2.6	29.8	45.2	2.3
SLCSC-60-1A		40	38.7	37.0	3.7	36.9	38.8	3.3	35.1	40.9	3.0	33.2	43.1	2.7	31.2	45.5	2.4
		42	38.8	43.6	3.1	37.0	46.2	2.8	35.2	49.0	2.5	33.3	52.1	2.2	31.3	55.5	2.0
		44	40.5	44.0	3.2	38.7	46.5	2.9	36.7	49.3	2.6	34.8	52.4	2.3	32.8	55.8	2.1
		45	42.2	44.3	3.3	40.3	46.9	3.0	38.4	49.6	2.7	36.4	52.7	2.4	34.4	56.1	2.1
		46	43.1	44.5	3.4	41.2	47.0	3.1	39.2	49.8	2.8	37.2	52.9	2.5	35.2	56.2	2.2
		48	44.1	44.7	3.5	42.1	47.2	3.1	40.1	49.9	2.8	38.1	53.0	2.5	36.0	56.4	2.2
SLCSC-70-1A		40	46.0	45.1	3.6	43.9	47.5	3.2	41.8	50.3	2.9	39.7	53.3	2.6	37.6	56.6	2.3
		42	47.9	45.5	3.7	45.7	47.9	3.3	43.6	50.6	3.0	41.4	53.5	2.7	39.2	56.9	2.4
		44	44.8	51.1	3.1	42.6	54.2	2.7	40.3	57.6	2.4	37.9	61.2	2.2	35.3	65.1	1.9
		45	46.9	51.3	3.2	44.6	54.4	2.9	42.2	57.8	2.6	39.8	61.5	2.3	37.2	65.4	2.0
		46	49.0	51.6	3.3	46.6	54.7	3.0	44.2	58.1	2.7	41.7	61.8	2.4	39.2	65.8	2.1
		48	50.1	51.7	3.4	47.7	54.8	3.0	45.3	58.2	2.7	42.7	61.9	2.4	40.2	65.9	2.1
SLCSC-80-1A		40	51.2	51.8	3.5	48.8	54.9	3.1	46.3	58.3	2.8	43.8	62.0	2.5	41.1	66.0	2.2
		42	53.5	52.1	3.6	51.0	55.2	3.2	48.5	58.5	2.9	45.9	62.2	2.6	43.1	66.3	2.3
		44	55.8	52.4	3.7	53.2	55.4	3.4	50.6	58.7	3.0	48.0	62.4	2.7	45.2	66.4	2.4
		40	52.8	58.8	3.1	50.2	62.0	2.8	47.5	65.4	2.5	44.6	69.0	2.3	41.7	72.6	2.0
		42	55.2	59.2	3.3	52.6	62.5	2.9	49.7	65.9	2.6	46.9	69.5	2.4	43.9	73.2	2.1
		44	57.7	59.7	3.4	54.9	63.0	3.0	52.1	66.4	2.7	49.1	70.0	2.5	46.1	73.8	2.2
SLCSC-90-1A		45	59.0	60.0	3.4	56.1	63.2	3.1	53.2	66.6	2.8	50.2	70.3	2.5	47.1	74.1	2.2
		46	60.2	60.2	3.5	57.4	63.4	3.2	54.5	66.9	2.9	51.4	70.5	2.6	48.3	74.3	2.3
		48	62.9	60.7	3.6	60.0	63.9	3.3	56.9	67.3	3.0	53.8	71.0	2.7	50.6	74.9	2.4
		40	65.6	61.2	3.8	62.6	64.4	3.4	59.5	67.7	3.1	56.3	71.4	2.8	53.0	75.3	2.5
		42	60.2	66.2	3.2	57.5	70.1	2.9	54.6	74.4	2.6	51.8	79.1	2.3	48.8	84.2	2.0
		44	62.9	66.7	3.3	60.1	70.6	3.0	57.1	74.9	2.7	54.1	79.6	2.4	51.1	84.7	2.1
SLCSC-90-1A	44	65.6	67.2	3.4	62.7	71.1	3.1	59.7	75.3	2.8	56.6	80.0	2.5	53.5	85.1	2.2	
	45	67.1	67.5	3.5	64.1	71.4	3.1	61.0	75.6	2.8	57.9	80.2	2.5	54.7	85.3	2.2	
	46	68.5	67.8	3.5	65.4	71.6	3.2	62.3	75.8	2.9	59.1	80.4	2.6	56.0	85.5	2.3	
	48	71.4	68.4	3.7	68.2	72.1	3.3	65.0	76.3	3.0	61.7	80.8	2.7	58.5	85.9	2.4	
	40	74.4	69.0	3.8	71.1	72.7	3.4	67.8	76.7	3.1	64.5	81.3	2.8	61.1	86.3	2.5	



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-110-1A	40	75.5	80.4	3.3	71.9	85.3	2.9	68.1	90.6	2.6	64.0	96.3	2.3	59.7	102.4	2.0
	42	79.0	80.8	3.4	75.2	85.7	3.1	71.3	91.0	2.7	67.2	96.8	2.4	62.9	103.0	2.1
	44	82.5	81.2	3.6	78.7	86.1	3.2	74.7	91.4	2.9	70.6	97.2	2.5	66.1	103.5	2.2
	45	84.3	81.4	3.6	80.5	86.3	3.3	76.5	91.6	2.9	72.3	97.4	2.6	67.8	103.7	2.3
	46	86.1	81.6	3.7	82.3	86.5	3.3	78.2	91.8	3.0	74.0	97.6	2.7	69.6	103.9	2.3
	48	90.0	82.0	3.8	86.0	86.8	3.5	81.9	92.1	3.1	77.6	97.9	2.8	73.0	104.3	2.4
	50	93.9	82.4	4.0	89.8	87.2	3.6	85.5	92.4	3.2	81.1	98.2	2.9	76.6	104.6	2.6
SLCSC-125-1A	40	86.0	91.7	3.3	81.8	96.7	3.0	77.4	102.0	2.7	72.8	107.5	2.4	68.0	113.2	2.1
	42	90.0	92.4	3.4	85.5	97.5	3.1	81.1	102.8	2.8	76.3	108.4	2.5	71.5	114.1	2.2
	44	94.0	93.1	3.5	89.5	98.2	3.2	84.8	103.5	2.9	80.0	109.1	2.6	75.1	115.0	2.3
	45	96.0	93.5	3.6	91.5	98.5	3.2	86.7	103.9	2.9	81.9	109.5	2.6	76.9	115.5	2.3
	46	98.1	93.9	3.7	93.5	98.9	3.3	88.7	104.2	3.0	83.8	109.9	2.7	78.7	115.9	2.4
	48	102.5	94.7	3.8	97.6	99.6	3.4	92.7	104.9	3.1	87.6	110.6	2.8	82.5	116.7	2.5
	50	106.9	95.4	3.9	101.9	100.3	3.6	96.9	105.6	3.2	91.6	111.2	2.9	86.3	117.4	2.6
SLCSC-140-1A	40	98.6	103.6	3.3	94.1	109.8	3.0	89.5	116.5	2.7	84.8	123.8	2.4	79.9	131.8	2.1
	42	103.0	104.4	3.5	98.3	110.5	3.1	93.5	117.2	2.8	88.7	124.5	2.5	83.7	132.5	2.2
	44	107.5	105.3	3.6	102.6	111.3	3.2	97.7	117.9	2.9	92.7	125.2	2.6	87.5	133.2	2.3
	45	109.7	105.7	3.6	104.9	111.7	3.3	99.9	118.3	3.0	94.8	125.6	2.6	89.5	133.5	2.3
	46	112.0	106.1	3.7	107.1	112.1	3.3	102.0	118.7	3.0	96.9	125.9	2.7	91.5	133.9	2.4
	48	116.9	107.0	3.8	111.7	112.9	3.5	106.5	119.4	3.1	101.1	126.6	2.8	95.7	134.5	2.5
	50	121.7	108.0	3.9	116.4	113.7	3.6	111.0	120.1	3.2	105.5	127.2	2.9	100.0	135.1	2.6
SLCSC-180-1A	40	129.6	135.5	3.3	123.4	143.7	3.0	116.8	152.6	2.7	109.9	162.1	2.4	102.5	172.2	2.1
	42	135.5	136.2	3.5	129.2	144.4	3.1	122.5	153.3	2.8	115.5	162.9	2.5	108.0	173.2	2.2
	44	141.6	136.9	3.6	135.1	145.1	3.3	128.3	154.0	2.9	121.1	163.7	2.6	113.5	174.1	2.3
	45	144.8	137.3	3.7	138.2	145.4	3.3	131.3	154.3	3.0	124.0	164.0	2.6	116.5	174.5	2.3
	46	147.9	137.6	3.8	141.3	145.8	3.4	134.4	154.6	3.0	127.0	164.3	2.7	119.4	174.9	2.4
	48	154.4	138.3	3.9	147.6	146.4	3.5	140.5	155.2	3.2	133.1	164.9	2.8	125.3	175.5	2.5
	50	161.2	139.0	4.1	154.2	147.0	3.7	146.9	155.8	3.3	139.3	165.4	2.9	131.4	176.1	2.6
SLCSC-210-1A	40	149.1	155.9	3.3	141.7	164.5	3.0	134.0	173.4	2.7	126.2	182.7	2.4	118.0	192.3	2.1
	42	155.9	157.1	3.5	148.3	165.7	3.1	140.4	174.7	2.8	132.4	184.2	2.5	124.0	193.9	2.2
	44	162.9	158.4	3.6	155.0	167.0	3.2	146.9	176.0	2.9	138.7	185.5	2.6	130.1	195.5	2.3
	45	166.4	159.0	3.7	158.4	167.6	3.3	150.3	176.6	3.0	141.9	186.2	2.7	133.3	196.2	2.4
	46	170.0	159.7	3.7	161.9	168.2	3.4	153.7	177.2	3.0	145.2	186.8	2.7	136.4	196.9	2.4
	48	177.4	161.0	3.9	169.2	169.4	3.5	160.7	178.4	3.2	151.9	188.0	2.8	142.9	198.3	2.5
	50	185.1	162.3	4.0	176.5	170.6	3.6	167.8	179.5	3.3	158.9	189.1	2.9	149.6	199.5	2.6
SLCSC-240-1A	40	170.3	175.7	3.4	162.5	186.1	3.1	154.6	197.4	2.7	146.4	210.0	2.4	138.0	223.0	2.2
	42	177.8	177.0	3.5	169.8	187.4	3.2	161.5	198.6	2.8	153.2	211.0	2.5	144.6	224.0	2.3
	44	185.5	178.4	3.6	177.2	188.7	3.3	168.8	199.9	3.0	160.1	212.0	2.6	151.4	226.0	2.3
	45	189.4	179.2	3.7	181.0	189.3	3.3	172.4	200.0	3.0	163.7	213.0	2.7	154.8	226.0	2.4
	46	193.5	179.9	3.8	184.9	190.0	3.4	176.2	201.0	3.1	167.3	213.0	2.7	158.3	227.0	2.4
	48	201.7	181.5	3.9	192.8	191.4	3.5	183.8	202.0	3.2	174.7	214.0	2.9	165.4	228.0	2.5
	50	210.2	183.1	4.0	201.0	192.8	3.6	191.7	204.0	3.3	182.3	216.0	3.0	172.6	229.0	2.6
SLCSC-280-1A	40	193.8	198.7	3.4	185.0	210.0	3.1	175.9	221.0	2.8	166.4	234.0	2.5	156.6	247.0	2.2
	42	202.6	200.0	3.5	193.5	211.0	3.2	184.3	223.0	2.9	174.6	236.0	2.6	164.5	249.0	2.3
	44	211.6	202.0	3.7	202.3	213.0	3.3	192.8	225.0	3.0	182.9	237.0	2.7	172.7	251.0	2.4
	45	216.2	202.0	3.7	206.8	214.0	3.4	197.2	226.0	3.1	187.2	238.0	2.8	176.8	252.0	2.5
	46	220.8	203.0	3.8	211.3	214.0	3.5	201.6	226.0	3.1	191.5	239.0	2.8	181.0	253.0	2.5
	48	230.4	205.0	3.9	220.7	216.0	3.6	210.7	228.0	3.2	200.3	241.0	2.9	189.6	254.0	2.6
	50	240.3	206.0	4.1	230.2	217.0	3.7	220.0	229.0	3.4	209.4	242.0	3.0	198.5	256.0	2.7

Rating For R-407C



Rating For R-407C	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-300-1A	40	219.8	224.0	3.4	210.7	237.0	3.1	201.4	252.0	2.8	191.8	268.0	2.5	---	---	---	
	42	229.5	226.0	3.6	220.1	239.0	3.2	210.4	253.0	2.9	200.6	269.0	2.6	---	---	---	
	44	239.4	227.0	3.7	229.7	240.0	3.3	219.8	255.0	3.0	209.7	271.0	2.7	---	---	---	
	45	244.5	228.0	3.8	234.6	241.0	3.4	224.6	256.0	3.1	214.3	272.0	2.8	---	---	---	
	46	249.7	229.0	3.8	239.6	242.0	3.5	229.4	256.0	3.1	219.0	272.0	2.8	---	---	---	
	48	260.1	230.0	4.0	249.8	243.0	3.6	239.3	258.0	3.2	228.7	274.0	2.9	---	---	---	
50	271.1	232.0	4.1	260.4	245.0	3.7	249.6	259.0	3.4	238.6	275.0	3.0	---	---	---		
SLCSC-100-2A	40	62.3	71.0	3.1	59.1	74.8	2.8	56.0	79.0	2.5	52.6	83.2	2.2	49.1	87.6	2.0	
	42	65.1	71.6	3.2	62.0	75.4	2.9	58.6	79.6	2.6	55.1	83.8	2.3	51.6	88.4	2.0	
	44	68.0	72.0	3.3	64.8	76.0	3.0	61.3	80.2	2.7	57.8	84.4	2.4	54.1	89.0	2.1	
	45	69.5	72.4	3.4	66.1	76.2	3.0	62.8	80.4	2.7	59.1	84.8	2.4	55.5	89.4	2.2	
	46	71.1	72.6	3.4	67.6	76.6	3.1	64.1	80.6	2.8	60.6	85.0	2.5	56.8	89.8	2.2	
	48	74.1	73.2	3.5	70.6	77.2	3.2	67.1	81.2	2.9	63.3	85.6	2.6	59.6	90.4	2.3	
50	77.3	74.0	3.7	73.8	77.6	3.3	70.1	81.8	3.0	66.3	86.2	2.7	62.3	91.0	2.4		
SLCSC-120-2A	40	77.6	87.2	3.1	74.0	92.4	2.8	70.3	98.0	2.5	66.6	104.2	2.2	62.6	111.0	2.0	
	42	81.0	88.0	3.2	77.3	93.0	2.9	73.5	98.6	2.6	69.6	104.8	2.3	65.6	111.6	2.1	
	44	84.5	88.6	3.3	80.6	93.8	3.0	76.8	99.2	2.7	72.8	105.4	2.4	68.8	112.2	2.1	
	45	86.3	89.0	3.4	82.5	94.0	3.1	78.5	99.6	2.8	74.5	105.8	2.5	70.3	112.4	2.2	
	46	88.1	89.4	3.5	84.1	94.4	3.1	80.1	99.8	2.8	76.1	106.0	2.5	72.0	112.8	2.2	
	48	92.0	90.2	3.6	87.8	95.0	3.2	83.6	100.6	2.9	79.5	106.6	2.6	75.1	113.2	2.3	
50	95.8	91.0	3.7	91.5	95.8	3.3	87.3	101.2	3.0	82.8	107.0	2.7	78.5	113.8	2.4		
SLCSC-140-2A	40	89.6	102.2	3.1	85.1	108.4	2.7	80.6	115.2	2.4	75.8	122.4	2.2	70.6	130.2	1.9	
	42	93.8	102.6	3.2	89.3	108.8	2.9	84.5	115.6	2.6	79.6	123.0	2.3	74.5	130.8	2.0	
	44	98.0	103.2	3.3	93.3	109.4	3.0	88.5	116.2	2.7	83.5	123.6	2.4	78.3	131.6	2.1	
	45	100.1	103.4	3.4	95.5	109.6	3.0	90.6	116.4	2.7	85.5	123.8	2.4	80.3	131.8	2.1	
	46	102.5	103.6	3.5	97.6	109.8	3.1	92.6	116.6	2.8	87.6	124.0	2.5	82.1	132.0	2.2	
	48	107.0	104.2	3.6	102.0	110.4	3.2	97.0	117.0	2.9	91.8	124.4	2.6	86.3	132.6	2.3	
50	111.6	104.8	3.7	106.5	110.8	3.4	101.3	117.4	3.0	96.0	124.8	2.7	90.5	132.8	2.4		
SLCSC-160-2A	40	105.6	117.6	3.1	100.5	124.0	2.8	95.0	130.8	2.5	89.3	138.0	2.3	83.5	145.2	2.0	
	42	110.5	118.4	3.3	105.1	125.0	2.9	99.5	131.8	2.6	93.8	139.0	2.4	87.8	146.4	2.1	
	44	115.5	119.4	3.4	109.8	126.0	3.0	104.1	132.8	2.7	98.3	140.0	2.5	92.1	147.6	2.2	
	45	118.0	120.0	3.4	112.3	126.4	3.1	106.5	133.2	2.8	100.5	140.6	2.5	94.3	148.2	2.2	
	46	120.5	120.4	3.5	114.8	126.8	3.2	109.0	133.8	2.9	102.8	141.0	2.6	96.6	148.6	2.3	
	48	125.8	121.4	3.6	120.0	127.8	3.3	113.8	134.6	3.0	107.6	142.0	2.7	101.3	149.8	2.4	
50	131.3	122.4	3.8	125.1	128.8	3.4	119.0	135.4	3.1	112.6	142.8	2.8	106.0	150.6	2.5		
SLCSC-180-2A	40	120.5	132.4	3.2	115.0	140.2	2.9	109.3	148.8	2.6	103.6	158.2	2.3	97.6	168.4	2.0	
	42	125.8	133.4	3.3	120.1	141.2	3.0	114.3	149.8	2.7	108.3	159.2	2.4	102.3	169.4	2.1	
	44	131.3	134.4	3.4	125.4	142.2	3.1	119.5	150.6	2.8	113.3	160.0	2.5	107.0	170.2	2.2	
	45	134.1	135.0	3.5	128.1	142.8	3.1	122.0	151.2	2.8	115.8	160.4	2.5	109.5	170.6	2.2	
	46	136.9	135.6	3.5	130.8	143.2	3.2	124.6	151.6	2.9	118.3	160.8	2.6	112.0	171.0	2.3	
	48	142.8	136.8	3.7	136.4	144.2	3.3	129.9	152.6	3.0	123.5	161.6	2.7	117.0	171.8	2.4	
50	148.8	138.0	3.8	142.3	145.4	3.4	135.6	153.4	3.1	128.9	162.6	2.8	122.1	172.6	2.5		
SLCSC-220-2A	40	150.9	160.8	3.3	143.8	170.6	2.9	136.1	181.2	2.6	127.9	192.6	2.3	119.5	204.8	2.0	
	42	157.9	161.6	3.4	150.4	171.4	3.1	142.6	182.0	2.7	134.4	193.6	2.4	125.8	206.0	2.1	
	44	164.9	162.4	3.6	157.4	172.2	3.2	149.4	182.8	2.9	141.1	194.4	2.5	132.3	207.0	2.2	
	45	168.6	162.8	3.6	160.9	172.6	3.3	152.9	183.2	2.9	144.6	194.8	2.6	135.6	207.4	2.3	
	46	172.3	163.2	3.7	164.6	173.0	3.3	156.4	183.6	3.0	147.9	195.2	2.7	139.1	207.8	2.3	
	48	179.9	164.0	3.8	171.9	173.6	3.5	163.8	184.2	3.1	155.1	195.8	2.8	145.9	208.6	2.4	
50	187.8	164.8	4.0	179.6	174.4	3.6	171.1	184.8	3.2	162.3	196.4	2.9	153.1	209.2	2.6		



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-250-2A	40	172.1	183.4	3.3	163.6	193.4	3.0	154.8	204.0	2.7	145.6	215.0	2.4	135.9	226.4	2.1
	42	179.9	184.8	3.4	171.1	195.0	3.1	162.1	205.6	2.8	152.6	216.8	2.5	142.9	228.2	2.2
	44	188.1	186.2	3.5	178.9	196.4	3.2	169.6	207.0	2.9	159.9	218.2	2.6	150.1	230.0	2.3
	45	192.1	187.0	3.6	182.9	197.0	3.2	173.4	207.8	2.9	163.8	219.0	2.6	153.8	231.0	2.3
	46	196.3	187.8	3.7	186.9	197.8	3.3	177.4	208.4	3.0	167.6	219.8	2.7	157.4	231.8	2.4
	48	204.9	189.4	3.8	195.3	199.2	3.4	185.4	209.8	3.1	175.3	221.2	2.8	164.9	233.4	2.5
50	213.7	190.8	3.9	203.8	200.6	3.6	193.8	211.2	3.2	183.3	222.4	2.9	172.6	234.8	2.6	
SLCSC-280-2A	40	197.3	207.2	3.3	188.3	219.6	3.0	178.9	233.0	2.7	169.6	247.6	2.4	159.8	263.6	2.1
	42	205.9	208.8	3.5	196.6	221.0	3.1	187.1	234.4	2.8	177.4	249.0	2.5	167.4	265.0	2.2
	44	214.9	210.6	3.6	205.3	222.6	3.2	195.4	235.8	2.9	185.4	250.4	2.6	175.1	266.4	2.3
	45	219.4	211.4	3.6	209.7	223.4	3.3	199.8	236.6	3.0	189.6	251.2	2.6	179.1	267.0	2.3
	46	224.1	212.2	3.7	214.2	224.2	3.3	204.1	237.4	3.0	193.8	251.8	2.7	181.4	267.8	2.4
	48	233.7	214.0	3.8	223.4	225.8	3.5	212.9	238.8	3.1	202.3	253.2	2.8	191.4	269.0	2.5
50	243.4	216.0	3.9	232.7	227.4	3.6	222.1	240.2	3.2	211.1	254.4	2.9	199.9	270.2	2.6	
SLCSC-360-2A	40	259.2	271.0	3.3	246.7	287.4	3.0	233.6	305.2	2.7	219.7	324.2	2.4	205.1	344.4	2.1
	42	271.1	272.4	3.5	258.4	288.8	3.1	244.9	306.6	2.8	230.9	325.8	2.5	215.9	346.4	2.2
	44	283.2	273.8	3.6	270.2	290.2	3.3	256.6	308.0	2.9	242.2	327.4	2.6	227.1	348.2	2.3
	45	289.6	274.6	3.7	276.4	290.8	3.3	262.6	308.6	3.0	248.1	328.0	2.6	232.9	349.0	2.3
	46	295.9	275.2	3.8	282.6	291.6	3.4	268.7	309.2	3.0	254.1	328.6	2.7	238.7	349.8	2.4
	48	308.9	276.6	3.9	295.2	292.8	3.5	281.1	310.4	3.2	266.2	329.8	2.8	250.6	351.0	2.5
50	322.4	278.0	4.1	308.4	294.0	3.7	293.9	311.6	3.3	278.6	330.8	2.9	262.7	352.2	2.6	
SLCSC-420-2A	40	298.2	311.8	3.3	283.4	329.0	3.0	268.1	346.8	2.7	252.4	365.4	2.4	235.9	384.6	2.1
	42	311.7	314.2	3.5	296.5	331.4	3.1	280.9	349.4	2.8	264.7	368.4	2.5	247.9	387.8	2.2
	44	325.7	316.8	3.6	310.0	334.0	3.2	293.9	352.0	2.9	277.4	371.0	2.6	260.2	391.0	2.3
	45	332.9	318.0	3.7	316.9	335.2	3.3	300.5	353.2	3.0	283.9	372.4	2.7	266.6	392.4	2.4
	46	340.0	319.4	3.7	323.9	336.4	3.4	307.4	354.4	3.0	290.4	373.6	2.7	272.9	393.8	2.4
	48	354.9	322.0	3.9	338.4	338.8	3.5	321.4	356.8	3.2	303.9	376.0	2.8	285.9	396.6	2.5
50	370.2	324.6	4.0	353.0	341.2	3.6	335.5	359.0	3.3	317.7	378.2	2.9	299.2	399.0	2.6	
SLCSC-480-2A	40	340.5	351.4	3.4	325.0	372.2	3.1	309.2	394.8	2.7	292.9	420.0	2.4	276.1	446.0	2.2
	42	355.5	354.0	3.5	339.5	374.8	3.2	323.0	397.2	2.8	306.4	422.0	2.5	289.2	448.0	2.3
	44	371.0	356.8	3.6	354.4	377.4	3.3	337.5	399.8	3.0	320.2	424.0	2.6	302.7	452.0	2.3
	45	378.8	358.4	3.7	362.0	378.6	3.3	344.9	400.0	3.0	327.4	426.0	2.7	309.5	452.0	2.4
	46	387.0	359.8	3.8	369.9	380.0	3.4	352.4	402.0	3.1	334.5	426.0	2.7	316.5	454.0	2.4
	48	403.3	363.0	3.9	385.7	382.8	3.5	367.7	404.0	3.2	349.4	428.0	2.9	330.7	456.0	2.5
50	420.3	366.2	4.0	402.0	385.6	3.6	383.3	408.0	3.3	364.5	432.0	3.0	345.2	458.0	2.6	
SLCSC-560-2A	40	387.7	397.4	3.4	370.0	420.0	3.1	351.9	442.0	2.8	332.9	468.0	2.5	313.2	494.0	2.2
	42	405.2	400.0	3.5	387.0	422.0	3.2	368.5	446.0	2.9	349.2	472.0	2.6	329.0	498.0	2.3
	44	423.2	404.0	3.7	404.7	426.0	3.3	385.5	450.0	3.0	365.9	474.0	2.7	345.4	502.0	2.4
	45	432.3	404.0	3.7	413.7	428.0	3.4	394.3	452.0	3.1	374.4	476.0	2.8	353.5	504.0	2.5
	46	441.7	406.0	3.8	422.7	428.0	3.5	403.2	452.0	3.1	383.0	478.0	2.8	362.0	506.0	2.5
	48	460.8	410.0	3.9	441.3	432.0	3.6	421.3	456.0	3.2	400.7	482.0	2.9	379.2	508.0	2.6
50	480.6	412.0	4.1	460.5	434.0	3.7	440.0	458.0	3.4	418.8	484.0	3.0	397.0	512.0	2.7	
SLCSC-600-2A	40	439.7	448.0	3.4	421.5	474.0	3.1	402.8	504.0	2.8	383.5	536.0	2.5	---	---	---
	42	459.0	452.0	3.6	440.2	478.0	3.2	420.8	506.0	2.9	401.2	538.0	2.6	---	---	---
	44	478.8	454.0	3.7	459.3	480.0	3.3	439.7	510.0	3.0	419.3	542.0	2.7	---	---	---
	45	489.0	456.0	3.8	469.1	482.0	3.4	449.2	512.0	3.1	428.7	544.0	2.8	---	---	---
	46	499.3	458.0	3.8	479.1	484.0	3.5	458.8	512.0	3.1	438.0	544.0	2.8	---	---	---
	48	520.3	460.0	4.0	499.6	486.0	3.6	478.6	516.0	3.2	457.3	548.0	2.9	---	---	---
50	542.1	464.0	4.1	520.8	490.0	3.7	499.1	518.0	3.4	477.1	550.0	3.0	---	---	---	

Rating For R-407C



MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
		115			120			125			130			135		
		Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-200-4A	40	124.6	142.0	3.1	118.3	149.6	2.8	112.0	158.0	2.5	105.3	166.4	2.2	98.3	175.2	2.0
	42	130.3	143.2	3.2	124.0	150.8	2.9	117.3	159.2	2.6	110.3	167.6	2.3	103.3	176.8	2.0
	44	135.9	144.0	3.3	129.6	152.0	3.0	122.6	160.4	2.7	115.6	168.8	2.4	108.3	178.0	2.1
	45	138.9	144.8	3.4	132.3	152.4	3.0	125.6	160.8	2.7	118.3	169.6	2.4	111.0	178.8	2.2
	46	142.3	145.2	3.4	135.3	153.2	3.1	128.3	161.2	2.8	121.3	170.0	2.5	113.6	179.6	2.2
	48	148.3	146.4	3.5	141.3	154.4	3.2	134.3	162.4	2.9	126.6	171.2	2.6	119.3	180.8	2.3
50	154.6	148.0	3.7	147.6	155.2	3.3	140.3	163.6	3.0	132.6	172.4	2.7	124.6	182.0	2.4	
SLCSC-240-4A	40	155.3	174.4	3.1	147.9	184.8	2.8	140.6	196.0	2.5	133.3	208.4	2.2	125.3	222.0	2.0
	42	161.9	176.0	3.2	154.6	186.0	2.9	146.9	197.2	2.6	139.3	209.6	2.3	131.3	223.2	2.1
	44	168.9	177.2	3.3	161.3	187.6	3.0	153.6	198.4	2.7	145.6	210.8	2.4	137.6	224.4	2.1
	45	172.6	178.0	3.4	164.9	188.0	3.1	156.9	199.2	2.8	148.9	211.6	2.5	140.6	224.8	2.2
	46	176.3	178.8	3.5	168.3	188.8	3.1	160.3	199.6	2.8	152.3	212.0	2.5	143.9	225.6	2.2
	48	183.9	180.4	3.6	175.6	190.0	3.2	167.3	201.2	2.9	158.9	213.2	2.6	150.3	226.4	2.3
50	191.6	182.0	3.7	182.9	191.6	3.3	174.6	202.4	3.0	165.6	214.0	2.7	156.9	227.6	2.4	
SLCSC-280-4A	40	179.3	204.4	3.1	170.3	216.8	2.7	161.3	230.4	2.4	151.6	244.8	2.2	141.3	260.4	1.9
	42	187.6	205.2	3.2	178.6	217.6	2.9	168.9	231.2	2.6	159.3	246.0	2.3	148.9	261.6	2.0
	44	195.9	206.4	3.3	186.6	218.8	3.0	176.9	232.4	2.7	166.9	247.2	2.4	156.6	263.2	2.1
	45	200.3	206.8	3.4	190.9	219.2	3.0	181.3	232.8	2.7	170.9	247.6	2.4	160.6	263.6	2.1
	46	204.9	207.2	3.5	195.3	219.6	3.1	185.3	233.2	2.8	175.3	248.0	2.5	164.3	264.0	2.2
	48	213.9	208.4	3.6	203.9	220.8	3.2	193.9	234.0	2.9	183.6	248.8	2.6	172.6	265.2	2.3
50	223.2	209.6	3.7	212.9	221.6	3.4	202.6	234.8	3.0	191.9	249.6	2.7	180.9	265.6	2.4	
SLCSC-320-4A	40	211.2	235.2	3.1	200.9	248.0	2.8	189.9	261.6	2.5	178.6	276.0	2.3	166.9	290.4	2.0
	42	220.9	236.8	3.3	210.2	250.0	2.9	198.9	263.6	2.6	187.6	278.0	2.4	175.6	292.8	2.1
	44	230.9	238.8	3.4	219.6	252.0	3.0	208.3	265.6	2.7	196.6	280.0	2.5	184.3	295.2	2.2
	45	235.9	240.0	3.4	224.6	252.8	3.1	212.9	266.4	2.8	200.9	281.2	2.5	188.6	296.4	2.2
	46	240.9	240.8	3.5	229.6	253.6	3.2	217.9	267.6	2.9	205.6	282.0	2.6	193.3	297.2	2.3
	48	251.6	242.8	3.6	239.9	255.6	3.3	227.6	269.2	3.0	215.2	284.0	2.7	202.6	299.6	2.4
50	262.6	244.8	3.8	250.2	257.6	3.4	237.9	270.8	3.1	225.2	285.6	2.8	211.9	301.2	2.5	
SLCSC-360-4A	40	240.9	264.8	3.2	229.9	280.4	2.9	218.6	297.6	2.6	207.3	316.4	2.3	195.3	336.8	2.0
	42	251.6	266.8	3.3	240.2	282.4	3.0	228.6	299.6	2.7	216.6	318.4	2.4	204.6	338.8	2.1
	44	262.6	268.8	3.4	250.9	284.4	3.1	238.9	301.2	2.8	226.6	320.0	2.5	213.9	340.4	2.2
	45	268.2	270.0	3.5	256.2	285.6	3.1	243.9	302.4	2.8	231.6	320.8	2.5	218.9	341.2	2.2
	46	273.9	271.2	3.5	261.6	286.4	3.2	249.2	303.2	2.9	236.6	321.6	2.6	223.9	342.0	2.3
	48	285.6	273.6	3.7	272.9	288.4	3.3	259.9	305.2	3.0	246.9	323.2	2.7	233.9	343.6	2.4
50	297.5	276.0	3.8	284.6	290.8	3.4	271.2	306.8	3.1	257.9	325.2	2.8	244.2	345.2	2.5	
SLCSC-440-4A	40	301.9	321.6	3.3	287.6	341.2	2.9	272.2	362.4	2.6	255.9	385.2	2.3	238.9	409.6	2.0
	42	315.9	323.2	3.4	300.9	342.8	3.1	285.2	364.0	2.7	268.9	387.2	2.4	251.6	412.0	2.1
	44	329.9	324.8	3.6	314.9	344.4	3.2	298.9	365.6	2.9	282.2	388.8	2.5	264.6	414.0	2.2
	45	337.2	325.6	3.6	321.9	345.2	3.3	305.9	366.4	2.9	289.2	389.6	2.6	271.2	414.8	2.3
	46	344.5	326.4	3.7	329.2	346.0	3.3	312.9	367.2	3.0	295.9	390.4	2.7	278.2	415.6	2.3
	48	359.9	328.0	3.8	343.9	347.2	3.5	327.5	368.4	3.1	310.2	391.6	2.8	291.9	417.2	2.4
50	375.5	329.6	4.0	359.2	348.8	3.6	342.2	369.6	3.2	324.5	392.8	2.9	306.2	418.4	2.6	
SLCSC-500-4A	40	344.2	366.8	3.3	327.2	386.8	3.0	309.5	408.0	2.7	291.2	430.0	2.4	271.9	452.8	2.1
	42	359.9	369.6	3.4	342.2	390.0	3.1	324.2	411.2	2.8	305.2	433.6	2.5	285.9	456.4	2.2
	44	376.2	372.4	3.5	357.9	392.8	3.2	339.2	414.0	2.9	319.9	436.4	2.6	300.2	460.0	2.3
	45	384.2	374.0	3.6	365.9	394.0	3.2	346.9	415.6	2.9	327.5	438.0	2.6	307.5	462.0	2.3
	46	392.5	375.6	3.7	373.9	395.6	3.3	354.9	416.8	3.0	335.2	439.6	2.7	314.9	463.6	2.4
	48	409.8	378.8	3.8	390.5	398.4	3.4	370.9	419.6	3.1	350.5	442.4	2.8	329.9	466.8	2.5
50	427.5	381.6	3.9	407.5	401.2	3.6	387.5	422.4	3.2	366.5	444.8	2.9	345.2	469.6	2.6	

Rating For R-407C



Rating For R-407C	MODEL	Cooler leaving water temp. °F	Condenser leaving water temp. °F														
			115			120			125			130			135		
			Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP	Cap. TONS	Input KW	COP
SLCSC-560-4A	40	394.5	414.4	3.3	376.5	439.2	3.0	357.9	466.0	2.7	339.2	495.2	2.4	319.5	527.2	2.1	
	42	411.8	417.6	3.5	393.2	442.0	3.1	374.2	468.8	2.8	354.9	498.0	2.5	334.9	530.0	2.2	
	44	429.8	421.2	3.6	410.5	445.2	3.2	390.8	471.6	2.9	370.9	500.8	2.6	350.2	532.8	2.3	
	45	438.8	422.8	3.6	419.5	446.8	3.3	399.5	473.2	3.0	379.2	502.4	2.6	358.2	534.0	2.3	
	46	448.2	424.4	3.7	428.5	448.4	3.3	408.2	474.8	3.0	387.5	503.6	2.7	366.2	535.6	2.4	
	48	467.5	428.0	3.8	446.8	451.6	3.5	425.8	477.6	3.1	404.5	506.4	2.8	382.8	538.0	2.5	
	50	486.8	432.0	3.9	465.5	454.8	3.6	444.2	480.4	3.2	422.2	508.8	2.9	399.8	540.4	2.6	
SLCSC-720-4A	40	518.5	542.0	3.3	493.5	574.8	3.0	467.1	610.4	2.7	439.5	648.4	2.4	410.2	688.8	2.1	
	42	542.1	544.8	3.5	516.8	577.6	3.1	489.8	613.2	2.8	461.8	651.6	2.5	431.8	692.8	2.2	
	44	566.4	547.6	3.6	540.5	580.4	3.3	513.1	616.0	2.9	484.5	654.8	2.6	454.2	696.4	2.3	
	45	579.1	549.2	3.7	552.8	581.6	3.3	525.1	617.2	3.0	496.1	656.0	2.6	465.8	698.0	2.3	
	46	591.8	550.4	3.8	565.1	583.2	3.4	537.5	618.4	3.0	508.1	657.2	2.7	477.5	699.6	2.4	
	48	617.8	553.2	3.9	590.4	585.6	3.5	562.1	620.8	3.2	532.5	659.6	2.8	501.1	702.0	2.5	
	50	644.7	556.0	4.1	616.8	588.0	3.7	587.8	623.2	3.3	557.1	661.6	2.9	525.5	704.4	2.6	
SLCSC-840-4A	40	596.4	623.6	3.3	566.8	658.0	3.0	536.1	693.6	2.7	504.8	730.8	2.4	471.8	769.2	2.1	
	42	623.4	628.4	3.5	593.1	662.8	3.1	561.8	698.8	2.8	529.5	736.8	2.5	495.8	775.6	2.2	
	44	651.4	633.6	3.6	620.1	668.0	3.2	587.8	704.0	2.9	554.8	742.0	2.6	520.5	782.0	2.3	
	45	665.7	636.0	3.7	633.7	670.4	3.3	601.1	706.4	3.0	567.8	744.8	2.7	533.1	784.8	2.4	
	46	680.1	638.8	3.7	647.7	672.8	3.4	614.8	708.8	3.0	580.8	747.2	2.7	545.8	787.6	2.4	
	48	709.7	644.0	3.9	676.7	677.6	3.5	642.7	713.6	3.2	607.8	752.0	2.8	571.8	793.2	2.5	
	50	740.4	649.2	4.0	706.1	682.4	3.6	671.1	718.0	3.3	635.4	756.4	2.9	598.4	798.0	2.6	
SLCSC-960-4A	40	681.1	702.8	3.4	650.1	744.4	3.1	618.4	789.6	2.7	585.8	840.0	2.4	552.1	892.0	2.2	
	42	711.0	708.0	3.5	679.1	749.6	3.2	646.1	794.4	2.8	612.8	844.0	2.5	578.4	896.0	2.3	
	44	742.0	713.6	3.6	708.7	754.8	3.3	675.1	799.6	3.0	640.4	848.0	2.6	605.4	904.0	2.3	
	45	757.7	716.8	3.7	724.0	757.2	3.3	689.7	800.0	3.0	654.7	852.0	2.7	619.1	904.0	2.4	
	46	774.0	719.6	3.8	739.7	760.0	3.4	704.7	804.0	3.1	669.1	852.0	2.7	633.1	908.0	2.4	
	48	806.7	726.0	3.9	771.4	765.6	3.5	735.4	808.0	3.2	698.7	856.0	2.9	661.4	912.0	2.5	
	50	840.7	732.4	4.0	804.0	771.2	3.6	766.7	816.0	3.3	729.0	864.0	3.0	690.4	916.0	2.6	
SLCSC-1120-4A	40	775.4	794.8	3.4	740.0	840.0	3.1	703.7	884.0	2.8	665.7	936.0	2.5	626.4	988.0	2.2	
	42	810.3	800.0	3.5	774.0	844.0	3.2	737.0	892.0	2.9	698.4	944.0	2.6	658.1	996.0	2.3	
	44	846.3	808.0	3.7	809.3	852.0	3.3	771.0	900.0	3.0	731.7	948.0	2.7	690.7	1004.0	2.4	
	45	864.7	808.0	3.7	827.3	856.0	3.4	788.7	904.0	3.1	748.7	952.0	2.8	707.1	1008.0	2.5	
	46	883.3	812.0	3.8	845.3	856.0	3.5	806.3	904.0	3.1	766.0	956.0	2.8	724.0	1012.0	2.5	
	48	921.6	820.0	3.9	882.6	864.0	3.6	842.7	912.0	3.2	801.3	964.0	2.9	758.4	1016.0	2.6	
	50	961.3	824.0	4.1	921.0	868.0	3.7	880.0	916.0	3.4	837.7	968.0	3.0	794.0	1024.0	2.7	
SLCSC-1200-4A	40	879.3	896.0	3.4	843.0	948.0	3.1	805.7	1008.0	2.8	767.0	1072.0	2.5	---	---	---	
	42	918.0	904.0	3.6	880.3	956.0	3.2	841.7	1012.0	2.9	802.3	1076.0	2.6	---	---	---	
	44	957.6	908.0	3.7	918.6	960.0	3.3	879.3	1020.0	3.0	838.7	1084.0	2.7	---	---	---	
	45	977.9	912.0	3.8	938.3	964.0	3.4	898.3	1024.0	3.1	857.3	1088.0	2.8	---	---	---	
	46	998.6	916.0	3.8	958.3	968.0	3.5	917.6	1024.0	3.1	876.0	1088.0	2.8	---	---	---	
	48	1040.6	920.0	4.0	999.3	972.0	3.6	957.3	1032.0	3.2	914.6	1096.0	2.9	---	---	---	
	50	1084.2	928.0	4.1	1041.6	980.0	3.7	998.3	1036.0	3.4	954.3	1100.0	3.0	---	---	---	



WATER PRESSURE DROP

MODEL		R22															
		50-1W				60-1W				70-1W				80-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)		
85	40	89	8.1	111	10.7	110	10.0	137	13.2	131	12.0	163	15.8	150	13.8	188	18.1
	42	92	8.4	115	11.1	114	10.5	143	13.8	136	12.4	170	16.4	156	14.3	195	18.8
	44	96	8.8	119	11.6	118	10.8	148	14.3	141	12.9	176	17.1	162	14.9	203	19.6
	45	97	8.9	122	11.8	120	11.0	150	14.5	144	13.2	180	17.4	165	15.1	206	19.9
	46	99	9.1	124	12.0	123	11.3	153	14.8	147	13.5	183	17.7	168	15.4	210	20.3
	48	103	9.4	129	12.4	127	11.7	159	15.4	153	14.0	191	18.4	175	16.0	218	21.1
	50	107	9.8	134	12.9	132	12.1	165	16.0	158	14.5	198	19.1	181	16.6	227	21.9
90	40	86	7.9	107	10.4	107	9.8	134	12.9	127	11.6	158	15.3	146	13.4	182	17.6
	42	89	8.2	112	10.8	111	10.2	139	13.4	132	12.1	165	16.0	152	13.9	189	18.3
	44	93	8.5	116	11.2	116	10.6	144	14.0	137	12.6	172	16.6	158	14.4	197	19.0
	45	95	8.7	119	11.5	118	10.8	147	14.2	140	12.9	175	16.9	161	14.7	201	19.4
	46	97	8.9	121	11.7	120	11.0	150	14.5	143	13.1	179	17.3	164	15.0	205	19.8
	48	100	9.2	125	12.1	124	11.4	155	15.0	149	13.6	186	18.0	170	15.6	212	20.5
	50	104	9.6	130	12.6	129	11.8	161	15.6	154	14.2	193	18.7	177	16.2	221	21.3
95	40	83	7.6	104	10.1	104	9.6	130	12.6	123	11.3	153	14.8	141	13.0	177	17.1
	42	87	8.0	108	10.5	108	9.9	135	13.1	128	11.7	160	15.4	147	13.5	184	17.8
	44	90	8.3	113	10.9	113	10.3	141	13.6	133	12.2	167	16.1	153	14.0	191	18.5
	45	92	8.4	115	11.1	115	10.5	143	13.8	136	12.4	170	16.4	156	14.3	195	18.9
	46	94	8.6	117	11.3	117	10.7	146	14.1	139	12.7	173	16.7	159	14.6	199	19.2
	48	98	8.9	122	11.8	121	11.1	152	14.7	144	13.2	180	17.4	165	15.1	206	20.0
	50	101	9.3	126	12.2	126	11.5	157	15.2	150	13.7	187	18.1	172	15.7	215	20.7
100	40	81	7.4	101	9.7	101	9.3	126	12.2	118	10.9	148	14.3	137	12.5	171	16.5
	42	84	7.7	105	10.2	105	9.6	131	12.7	123	11.3	154	14.9	142	13.1	178	17.2
	44	87	8.0	109	10.6	109	10.0	137	13.2	129	11.8	161	15.5	148	13.6	185	17.9
	45	89	8.2	111	10.8	111	10.2	139	13.5	131	12.0	164	15.9	151	13.8	189	18.2
	46	91	8.3	113	11.0	114	10.4	142	13.7	134	12.3	167	16.2	154	14.1	192	18.6
	48	94	8.7	118	11.4	118	10.8	147	14.3	139	12.8	174	16.8	160	14.7	200	19.4
	50	98	9.0	123	11.9	122	11.2	153	14.8	145	13.3	181	17.5	166	15.3	208	20.1
105	40	78	7.1	97.2	9.4	98	9.0	122	11.8	114	10.4	142	13.7	132	12.1	165	16.0
	42	81	7.4	101	9.8	102	9.4	128	12.3	119	10.9	149	14.4	137	12.6	172	16.6
	44	84	7.7	105	10.2	106	9.7	132	12.8	124	11.3	155	15.0	143	13.1	179	17.3
	45	86	7.9	107	10.4	108	9.9	135	13.1	126	11.6	158	15.3	146	13.4	182	17.6
	46	88	8.0	110	10.6	110	10.1	138	13.3	129	11.8	161	15.6	149	13.6	186	18.0
	48	91	8.4	114	11.0	114	10.5	143	13.8	134	12.3	168	16.2	155	14.2	194	18.7
	50	95	8.7	119	11.5	119	10.9	149	14.4	140	12.8	175	16.9	161	14.8	201	19.5



WATER PRESSURE DROP

MODEL		R22															
		90-1W				110-1W				125-1W				140-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	170	15.6	213	20.6	215	19.7	269	26.0	244	22.4	305	29.5	279	25.5	348	33.7
	42	177	16.2	221	21.4	224	20.5	280	27.0	254	23.3	317	30.7	289	26.5	362	35.0
	44	184	16.8	230	22.2	233	21.3	291	28.1	264	24.2	330	31.9	300	27.5	375	36.3
	45	187	17.1	234	22.6	237	21.7	296	28.7	269	24.6	336	32.5	306	28.1	383	37.0
	46	190	17.5	238	23.0	242	22.2	302	29.2	274	25.1	342	33.1	312	28.6	389	37.7
	48	198	18.1	247	23.9	251	23.0	314	30.4	284	26.1	356	34.4	323	29.6	404	39.1
	50	205	18.8	256	24.7	261	23.9	326	31.5	295	27.1	369	35.7	335	30.7	419	40.5
90	40	166	15.2	208	20.1	209	19.1	261	25.2	237	21.8	297	28.7	272	24.9	340	32.9
	42	173	15.8	216	20.9	217	19.9	272	26.3	247	22.6	309	29.8	282	25.9	353	34.1
	44	179	16.4	224	21.7	226	20.7	283	27.3	257	23.5	321	31.0	293	26.9	367	35.5
	45	183	16.7	228	22.1	231	21.1	288	27.9	262	24.0	327	31.6	299	27.4	374	36.1
	46	186	17.1	233	22.5	235	21.6	294	28.4	267	24.4	333	32.2	305	27.9	381	36.8
	48	193	17.7	241	23.3	245	22.4	306	29.6	277	25.4	346	33.5	316	29.0	395	38.2
	50	200	18.4	250	24.2	254	23.3	318	30.7	288	26.4	359	34.8	328	30.0	410	39.6
95	40	162	14.8	202	19.5	202	18.5	252	24.4	230	21.1	288	27.8	265	24.3	331	32.0
	42	168	15.4	210	20.3	211	19.3	263	25.4	240	22.0	299	29.0	275	25.2	344	33.3
	44	175	16.0	218	21.1	219	20.1	274	26.5	249	22.8	311	30.1	286	26.2	357	34.5
	45	178	16.3	222	21.5	224	20.5	279	27.0	254	23.3	317	30.7	291	26.7	364	35.2
	46	181	16.6	227	21.9	228	20.9	285	27.6	259	23.7	324	31.3	297	27.2	371	35.9
	48	188	17.3	235	22.7	237	21.8	297	28.7	269	24.7	336	32.5	308	28.3	385	37.2
	50	195	17.9	244	23.6	247	22.6	308	29.8	279	25.6	349	33.8	320	29.3	399	38.6
100	40	157	14.4	197	19.0	195	17.9	243	23.5	223	20.4	278	26.9	257	23.6	321	31.1
	42	163	15.0	204	19.7	203	18.6	254	24.6	232	21.2	290	28.0	267	24.5	334	32.3
	44	170	15.6	212	20.5	212	19.4	265	25.6	241	22.1	302	29.1	278	25.5	347	33.6
	45	173	15.9	216	20.9	216	19.8	270	26.1	246	22.6	308	29.7	283	26.0	354	34.2
	46	176	16.2	221	21.3	221	20.2	276	26.7	251	23.0	314	30.3	289	26.5	361	34.9
	48	183	16.8	229	22.1	230	21.0	287	27.7	261	23.9	326	31.5	300	27.5	375	36.2
	50	190	17.4	237	23.0	239	21.9	299	28.9	271	24.8	339	32.7	311	28.5	389	37.6
105	40	152	14.0	190	18.4	187	17.2	234	22.6	215	19.7	269	26.0	249	22.8	311	30.1
	42	158	14.5	198	19.1	195	17.9	244	23.6	224	20.5	280	27.0	259	23.8	324	31.3
	44	165	15.1	206	19.9	204	18.7	255	24.6	233	21.4	291	28.2	270	24.7	337	32.6
	45	168	15.4	210	20.3	208	19.1	260	25.2	238	21.8	297	28.7	275	25.2	344	33.2
	46	172	15.7	215	20.8	212	19.5	266	25.7	242	22.2	303	29.3	280	25.7	350	33.8
	48	178	16.3	222	21.5	221	20.3	277	26.8	252	23.1	315	30.5	291	26.7	364	35.2
	50	185	16.9	231	22.3	230	21.1	288	27.8	262	24.0	327	31.7	302	27.7	377	36.5



WATER PRESSURE DROP

MODEL		R22															
		180-1W				210-1W				240-1W				280-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	369	33.8	461	44.6	423	38.8	528	51.1	481	44.1	601	58.1	533	48.9	667	64.5
	42	384	35.2	480	46.4	440	40.3	549	53.1	499	45.8	624	60.3	554	50.8	692	66.9
	44	399	36.6	499	48.2	457	41.9	571	55.2	518	47.5	648	62.6	575	52.7	719	69.5
	45	407	37.3	509	49.2	465	42.7	582	56.2	528	48.4	660	63.8	585	53.7	732	70.7
	46	415	38.0	519	50.1	474	43.5	593	57.3	538	49.3	672	65.0	596	54.7	745	72.0
	48	431	39.5	539	52.1	492	45.1	615	59.5	558	51.1	697	67.4	618	56.7	773	74.7
	50	448	41.0	560	54.1	511	46.8	639	61.7	578	53.0	723	69.9	641	58.8	801	77.5
90	40	358	32.9	448	43.3	411	37.7	514	49.7	469	43.0	587	56.7	521	47.8	651	63.0
	42	373	34.2	467	45.1	428	39.2	534	51.7	487	44.7	609	58.9	541	49.6	677	65.4
	44	388	35.6	485	46.9	444	40.7	555	53.7	506	46.4	633	61.2	562	51.5	702	67.9
	45	396	36.3	495	47.9	453	41.5	566	54.7	516	47.3	645	62.3	572	52.5	716	69.2
	46	404	37.0	505	48.8	462	42.3	577	55.8	525	48.2	657	63.5	583	53.5	729	70.5
	48	420	38.5	525	50.7	479	43.9	599	57.9	545	50.0	681	65.9	605	55.5	756	73.1
	50	436	40.0	545	52.7	498	45.6	622	60.1	566	51.8	707	68.3	628	57.5	785	75.8
95	40	347	31.8	434	41.9	399	36.6	498	48.2	457	41.9	571	55.2	479	43.9	599	57.9
	42	361	33.1	452	43.7	415	38.0	518	50.1	475	43.5	593	57.4	528	48.4	660	63.8
	44	376	34.5	470	45.5	431	39.5	539	52.1	493	45.2	617	59.6	548	50.3	685	66.2
	45	384	35.2	480	46.4	440	40.3	550	53.1	503	46.1	629	60.8	559	51.2	698	67.5
	46	392	35.9	489	47.3	448	41.1	560	54.2	512	47.0	640	61.9	569	52.2	711	68.8
	48	407	37.3	509	49.2	466	42.7	582	56.3	532	48.7	665	64.2	591	54.2	738	71.4
	50	424	38.8	530	51.2	484	44.3	605	58.5	552	50.6	689	66.7	613	56.2	766	74.1
100	40	335	30.7	418	40.4	386	35.4	482	46.6	444	40.7	555	53.7	494	45.3	617	59.7
	42	349	32.0	436	42.2	402	36.8	502	48.5	462	42.3	577	55.8	514	47.1	642	62.1
	44	364	33.3	455	43.9	418	38.3	522	50.5	480	44.0	599	58.0	534	48.9	667	64.5
	45	371	34.0	464	44.8	426	39.1	533	51.5	489	44.8	611	59.1	544	49.9	680	65.7
	46	379	34.7	473	45.7	434	39.8	543	52.5	498	45.7	623	60.2	555	50.8	693	67.0
	48	394	36.1	492	47.6	452	41.4	564	54.6	517	47.4	647	62.5	576	52.8	720	69.6
	50	410	37.6	512	49.5	469	43.0	587	56.7	537	49.2	671	64.9	598	54.8	747	72.2
105	40	322	29.5	402	38.9	372	34.1	465	45.0	430	39.4	538	52.0	479	43.9	599	57.9
	42	336	30.8	420	40.6	388	35.5	485	46.9	448	41.0	560	54.1	498	45.7	623	60.2
	44	350	32.1	437	42.3	404	37.0	504	48.8	465	42.6	581	56.2	518	47.5	648	62.6
	45	357	32.8	447	43.2	412	37.7	515	49.8	474	43.5	593	57.3	529	48.5	661	63.9
	46	365	33.4	456	44.1	420	38.5	525	50.8	483	44.3	604	58.4	539	49.4	674	65.1
	48	380	34.8	475	45.9	437	40.0	546	52.8	502	46.0	628	60.7	560	51.3	700	67.7
	50	396	36.3	494	47.8	454	41.6	567	54.8	521	47.8	651	63.0	582	53.3	727	70.3



WATER PRESSURE DROP

MODEL		R22															
		300-1W				100-2W				120-2W				140-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	600	55.0	750	72.5	177	11.1	221	8.9	219	13.7	274	11.0	261	16.3	326	13.1
	42	623	57.1	778	75.2	184	11.5	230	9.2	228	14.3	285	11.4	272	17.0	339	13.6
	44	646	59.2	808	78.1	191	11.9	239	9.6	236	14.8	296	11.8	282	17.6	353	14.1
	45	658	60.3	823	79.5	195	12.2	243	9.7	241	15.0	301	12.0	288	18.0	360	14.4
	46	670	61.4	838	81.0	198	12.4	248	9.9	246	15.3	307	12.3	294	18.3	367	14.7
	48	695	63.7	869	84.0	206	12.9	257	10.3	255	15.9	318	12.7	305	19.1	381	15.3
	50	721	66.1	901	87.1	214	13.4	267	10.7	264	16.5	330	13.2	317	19.8	396	15.8
90	40	586	53.7	732	70.8	172	10.7	215	8.6	214	13.4	267	10.7	254	15.8	317	12.7
	42	608	55.8	761	73.5	179	11.2	224	8.9	222	13.9	278	11.1	264	16.5	330	13.2
	44	632	57.9	790	76.3	186	11.6	233	9.3	231	14.4	289	11.6	275	17.2	344	13.7
	45	643	59.0	804	77.7	190	11.9	237	9.5	235	14.7	294	11.8	280	17.5	350	14.0
	46	655	60.1	819	79.2	193	12.1	242	9.7	240	15.0	299	12.0	286	17.9	357	14.3
	48	680	62.3	850	82.2	201	12.5	251	10.0	249	15.5	311	12.4	297	18.6	371	14.9
	50	705	64.6	881	85.2	208	13.0	260	10.4	258	16.1	323	12.9	309	19.3	386	15.4
95	40	571	52.4	714	69.0	167	10.4	209	8.3	208	13.0	260	10.4	246	15.3	307	12.3
	42	594	54.4	742	71.7	174	10.8	217	8.7	217	13.5	271	10.8	256	16.0	320	12.8
	44	616	56.5	770	74.5	180	11.3	225	9.0	225	14.1	281	11.3	266	16.7	333	13.3
	45	628	57.6	785	75.9	184	11.5	230	9.2	229	14.3	287	11.5	272	17.0	339	13.6
	46	640	58.7	800	77.3	188	11.7	234	9.4	234	14.6	292	11.7	277	17.3	347	13.9
	48	664	60.9	830	80.2	195	12.2	244	9.8	243	15.2	303	12.1	288	18.0	360	14.4
	50	689	63.1	861	83.2	202	12.6	253	10.1	252	15.7	314	12.6	300	18.7	374	15.0
100	40	556	51.0	695	67.2	161	10.1	201	8.1	202	12.6	253	10.1	237	14.8	296	11.8
	42	578	53.0	722	69.8	168	10.5	210	8.4	210	13.1	263	10.5	247	15.4	308	12.3
	44	601	55.1	751	72.6	175	10.9	218	8.7	219	13.7	273	10.9	257	16.1	321	12.9
	45	612	56.1	765	74.0	178	11.1	223	8.9	223	13.9	278	11.1	262	16.4	328	13.1
	46	624	57.2	779	75.3	182	11.3	227	9.1	227	14.2	284	11.4	268	16.7	335	13.4
	48	647	59.3	809	78.2	189	11.8	236	9.4	236	14.7	295	11.8	279	17.4	348	13.9
	50	672	61.6	839	81.1	196	12.3	245	9.8	245	15.3	306	12.2	290	18.1	362	14.5
105	40	540	49.5	676	65.3	156	9.7	194	7.8	196	12.2	245	9.8	228	14.2	284	11.4
	42	562	51.5	703	67.9	162	10.1	203	8.1	204	12.8	255	10.2	238	14.9	297	11.9
	44	584	53.5	730	70.6	169	10.5	211	8.4	212	13.2	265	10.6	248	15.5	309	12.4
	45	595	54.6	744	71.9	172	10.7	215	8.6	216	13.5	270	10.8	253	15.8	316	12.6
	46	607	55.6	758	73.3	176	11.0	219	8.8	220	13.8	275	11.0	258	16.1	323	12.9
	48	630	57.8	788	76.1	183	11.4	228	9.1	229	14.3	286	11.4	269	16.8	336	13.4
	50	654	59.9	817	79.0	190	11.9	237	9.5	238	14.9	297	11.9	280	17.5	350	14.0



WATER PRESSURE DROP

MODEL		R22															
		160-2W				180-2W				220-2W				250-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	300	18.8	375	15.0	340	21.3	425	17.0	430	26.9	537	21.5	488	30.5	611	24.4
	42	312	19.5	389	15.6	354	22.1	442	17.7	448	28.0	560	22.4	508	31.7	635	25.4
	44	324	20.3	405	16.2	367	23.0	459	18.4	465	29.1	581	23.3	528	33.0	659	26.4
	45	330	20.6	413	16.5	374	23.4	467	18.7	474	29.6	593	23.7	538	33.6	672	26.9
	46	336	21.0	420	16.8	381	23.8	476	19.0	484	30.2	605	24.2	548	34.2	685	27.4
	48	349	21.8	437	17.5	395	24.7	494	19.8	502	31.4	628	25.1	569	35.6	711	28.4
	50	362	22.7	453	18.1	410	25.6	512	20.5	522	32.6	653	26.1	590	36.9	738	29.5
90	40	292	18.2	365	14.6	332	20.8	416	16.6	418	26.1	522	20.9	475	29.7	593	23.7
	42	303	18.9	379	15.2	345	21.6	431	17.3	435	27.2	543	21.7	494	30.9	617	24.7
	44	315	19.7	394	15.8	358	22.4	448	17.9	452	28.3	566	22.6	513	32.1	641	25.7
	45	321	20.1	401	16.1	365	22.8	456	18.3	461	28.8	576	23.1	523	32.7	654	26.2
	46	328	20.5	410	16.4	372	23.3	465	18.6	470	29.4	588	23.5	533	33.3	666	26.7
	48	340	21.2	425	17.0	386	24.1	482	19.3	489	30.6	611	24.5	554	34.6	692	27.7
	50	353	22.1	441	17.7	400	25.0	500	20.0	508	31.8	635	25.4	575	35.9	719	28.8
95	40	283	17.7	353	14.1	324	20.2	404	16.2	404	25.2	505	20.2	460	28.8	575	23.0
	42	294	18.4	368	14.7	336	21.0	420	16.8	421	26.3	527	21.1	479	29.9	599	24.0
	44	306	19.1	383	15.3	349	21.8	437	17.5	438	27.4	548	21.9	498	31.1	623	24.9
	45	312	19.5	390	15.6	356	22.2	445	17.8	447	27.9	559	22.4	508	31.7	635	25.4
	46	318	19.9	398	15.9	363	22.7	453	18.1	456	28.5	570	22.8	518	32.4	647	25.9
	48	330	20.6	413	16.5	376	23.5	470	18.8	475	29.7	593	23.7	538	33.6	672	26.9
	50	343	21.5	429	17.2	391	24.4	488	19.5	494	30.8	617	24.7	559	34.9	698	27.9
100	40	274	17.1	342	13.7	314	19.7	393	15.7	390	24.3	487	19.5	446	27.8	557	22.3
	42	285	17.8	356	14.2	327	20.4	408	16.3	406	25.4	508	20.3	464	29.0	579	23.2
	44	296	18.5	371	14.8	340	21.2	425	17.0	424	26.5	530	21.2	482	30.2	603	24.1
	45	302	18.9	377	15.1	346	21.6	432	17.3	432	27.0	540	21.6	492	30.8	615	24.6
	46	308	19.2	385	15.4	353	22.1	441	17.6	441	27.6	551	22.1	502	31.4	627	25.1
	48	320	20.0	401	16.0	366	22.9	458	18.3	459	28.7	574	23.0	522	32.6	652	26.1
	50	333	20.8	416	16.6	380	23.7	475	19.0	478	29.9	597	23.9	542	33.9	677	27.1
105	40	264	16.5	330	13.2	304	19.0	380	15.2	375	23.4	468	18.7	430	26.9	537	21.5
	42	275	17.2	344	13.7	317	19.8	396	15.8	391	24.4	488	19.5	448	28.0	560	22.4
	44	286	17.9	357	14.3	329	20.6	411	16.5	408	25.5	509	20.4	466	29.1	582	23.3
	45	292	18.2	365	14.6	336	21.0	419	16.8	416	26.0	521	20.8	476	29.7	594	23.8
	46	298	18.6	372	14.9	344	21.5	429	17.2	425	26.6	531	21.2	485	30.3	606	24.2
	48	310	19.4	387	15.5	356	22.2	444	17.8	443	27.7	554	22.1	504	31.5	630	25.2
	50	322	20.1	402	16.1	369	23.1	461	18.5	461	28.8	576	23.0	524	32.7	655	26.2



WATER PRESSURE DROP

MODEL		R22															
		280-2W				360-2W				420-2W				480-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)		
85	40	557	34.8	696	27.9	738	46.1	923	36.9	846	52.8	1057	42.3	962	60.1	1202	48.1
	42	579	36.2	723	28.9	768	48.0	960	38.4	879	54.9	1099	44.0	998	62.4	1248	49.9
	44	601	37.5	751	30.0	798	49.9	998	39.9	913	57.1	1142	45.7	1036	64.8	1295	51.8
	45	612	38.3	765	30.6	814	50.9	1017	40.7	931	58.2	1163	46.5	1056	66.0	1320	52.8
	46	623	38.9	779	31.2	830	51.9	1037	41.5	948	59.3	1185	47.4	1076	67.2	1344	53.8
	48	647	40.4	809	32.3	862	53.9	1078	43.1	985	61.5	1231	49.2	1116	69.7	1394	55.8
	50	670	41.9	838	33.5	896	56.0	1119	44.8	1022	63.9	1277	51.1	1157	72.3	1446	57.8
90	40	544	34.0	680	27.2	717	44.8	896	35.8	822	51.4	1028	41.1	938	58.7	1173	46.9
	42	565	35.3	706	28.2	746	46.7	933	37.3	855	53.4	1069	42.8	975	60.9	1218	48.7
	44	587	36.7	734	29.3	776	48.5	971	38.8	889	55.5	1111	44.4	1012	63.3	1265	50.6
	45	598	37.4	747	29.9	792	49.5	990	39.6	906	56.6	1133	45.3	1032	64.5	1289	51.6
	46	609	38.1	761	30.5	808	50.5	1010	40.4	923	57.7	1154	46.2	1051	65.7	1313	52.5
	48	632	39.5	790	31.6	840	52.5	1049	42.0	959	59.9	1199	47.9	1090	68.1	1363	54.5
	50	656	41.0	819	32.8	872	54.5	1091	43.6	996	62.2	1244	49.8	1131	70.7	1414	56.6
95	40	530	33.1	662	26.5	694	43.4	867	34.7	798	49.8	997	39.9	914	57.1	1142	45.7
	42	550	34.4	688	27.5	723	45.2	903	36.1	830	51.8	1037	41.5	950	59.3	1187	47.5
	44	572	35.7	714	28.6	753	47.0	941	37.6	863	53.9	1079	43.1	987	61.7	1233	49.3
	45	583	36.4	728	29.1	768	48.0	960	38.4	880	55.0	1100	44.0	1006	62.9	1257	50.3
	46	594	37.1	742	29.7	783	48.9	979	39.2	897	56.0	1121	44.8	1024	64.0	1280	51.2
	48	616	38.5	770	30.8	815	50.9	1019	40.7	932	58.2	1164	46.6	1063	66.5	1329	53.2
	50	639	39.9	799	32.0	847	53.0	1059	42.4	968	60.5	1209	48.4	1103	68.9	1379	55.2
100	40	514	32.1	643	25.7	669	41.8	836	33.5	772	48.2	965	38.6	888	55.5	1110	44.4
	42	535	33.4	668	26.7	698	43.6	872	34.9	803	50.2	1004	40.2	923	57.7	1154	46.2
	44	556	34.7	695	27.8	727	45.5	909	36.4	836	52.2	1044	41.8	959	59.9	1199	48.0
	45	566	35.4	708	28.3	742	46.4	927	37.1	852	53.3	1065	42.6	978	61.1	1222	48.9
	46	577	36.1	722	28.9	757	47.3	947	37.9	869	54.3	1086	43.4	996	62.3	1245	49.8
	48	600	37.5	749	30.0	788	49.2	985	39.4	903	56.4	1129	45.2	1034	64.7	1293	51.7
	50	622	38.9	777	31.1	820	51.2	1025	41.0	938	58.7	1173	46.9	1074	67.1	1342	53.7
105	40	498	31.1	623	24.9	644	40.2	804	32.2	745	46.5	931	37.2	860	53.8	1076	43.0
	42	518	32.4	648	25.9	672	42.0	839	33.6	776	48.5	969	38.8	895	56.0	1119	44.8
	44	539	33.7	674	27.0	700	43.7	875	35.0	807	50.4	1009	40.4	930	58.1	1163	46.5
	45	550	34.4	687	27.5	715	44.7	893	35.7	824	51.5	1029	41.2	948	59.3	1185	47.4
	46	560	35.0	700	28.0	730	45.6	912	36.5	840	52.5	1050	42.0	967	60.4	1208	48.3
	48	582	36.4	728	29.1	760	47.5	950	38.0	873	54.6	1091	43.7	1004	62.8	1256	50.2
	50	604	37.7	755	30.2	791	49.4	989	39.6	908	56.7	1134	45.4	1042	65.1	1303	52.1



WATER PRESSURE DROP

MODEL		R22															
		560-2W				600-2W				200-4W				240-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	1067	66.7	1334	53.3	1200	75.0	1499	60.0	354	14.8	443	11.8	438	18.3	548	14.6
	42	1108	69.2	1385	55.4	1245	77.8	1556	62.3	368	15.3	460	12.3	456	19.0	570	15.2
	44	1150	71.9	1437	57.5	1293	80.8	1616	64.6	382	15.9	478	12.7	473	19.7	591	15.8
	45	1171	73.2	1463	58.5	1317	82.3	1646	65.8	390	16.2	487	13.0	482	20.1	602	16.1
	46	1192	74.5	1490	59.6	1341	83.8	1676	67.0	397	16.5	496	13.2	491	20.5	614	16.4
	48	1237	77.3	1546	61.8	1391	86.9	1738	69.5	412	17.2	515	13.7	510	21.2	637	17.0
	50	1282	80.1	1602	64.1	1441	90.1	1802	72.1	428	17.8	535	14.3	528	22.0	660	17.6
	90	40	1042	65.1	1302	52.1	1172	73.2	1465	58.6	344	14.3	430	11.5	428	17.8	535
42		1082	67.7	1353	54.1	1217	76.1	1521	60.8	358	14.9	447	11.9	445	18.5	556	14.8
44		1124	70.2	1404	56.2	1263	79.0	1579	63.2	372	15.5	465	12.4	462	19.3	578	15.4
45		1145	71.6	1431	57.2	1287	80.4	1609	64.3	379	15.8	474	12.6	470	19.6	588	15.7
46		1166	72.9	1458	58.3	1311	81.9	1639	65.5	386	16.1	483	12.9	479	20.0	599	16.0
48		1210	75.6	1512	60.5	1360	85.0	1700	68.0	402	16.7	502	13.4	498	20.7	622	16.6
50		1255	78.5	1569	62.8	1410	88.1	1763	70.5	417	17.4	521	13.9	516	21.5	645	17.2
95		40	958	59.9	1197	47.9	1143	71.4	1429	57.1	334	13.9	417	11.1	417	17.4	521
	42	1056	66.0	1319	52.8	1187	74.2	1484	59.4	347	14.5	434	11.6	434	18.1	542	14.5
	44	1096	68.5	1370	54.8	1233	77.0	1541	61.6	361	15.0	451	12.0	450	18.8	563	15.0
	45	1117	69.8	1397	55.9	1256	78.5	1570	62.8	368	15.3	460	12.3	458	19.1	573	15.3
	46	1138	71.1	1423	56.9	1280	80.0	1600	64.0	375	15.6	469	12.5	467	19.5	584	15.6
	48	1182	73.8	1477	59.1	1328	83.0	1660	66.4	390	16.3	488	13.0	486	20.2	607	16.2
	50	1226	76.6	1532	61.3	1377	86.1	1721	68.9	405	16.9	506	13.5	503	21.0	629	16.8
	100	40	988	61.7	1235	49.4	1113	69.5	1391	55.6	322	13.4	403	10.7	405	16.9	506
42		1027	64.2	1284	51.4	1156	72.2	1445	57.8	336	14.0	420	11.2	421	17.5	526	14.0
44		1068	66.7	1334	53.4	1201	75.1	1502	60.1	350	14.6	437	11.7	438	18.2	547	14.6
45		1088	68.0	1360	54.4	1224	76.5	1530	61.2	357	14.9	446	11.9	446	18.6	557	14.9
46		1109	69.3	1386	55.5	1247	77.9	1559	62.4	363	15.1	454	12.1	454	18.9	568	15.1
48		1152	72.0	1439	57.6	1295	80.9	1618	64.7	378	15.7	472	12.6	472	19.7	590	15.7
50		1196	74.7	1494	59.8	1343	83.9	1679	67.2	393	16.4	491	13.1	490	20.4	612	16.3
105		40	958	59.9	1197	47.9	1081	67.6	1351	54.0	311	13.0	389	10.4	392	16.3	490
	42	997	62.3	1246	49.8	1124	70.3	1405	56.2	324	13.5	405	10.8	408	17.0	510	13.6
	44	1037	64.8	1296	51.8	1168	73.0	1460	58.4	338	14.1	422	11.3	424	17.7	530	14.1
	45	1057	66.1	1322	52.9	1191	74.4	1489	59.5	344	14.3	430	11.5	433	18.0	541	14.4
	46	1078	67.4	1347	53.9	1213	75.8	1517	60.7	351	14.6	439	11.7	441	18.4	551	14.7
	48	1120	70.0	1400	56.0	1260	78.8	1575	63.0	366	15.2	457	12.2	458	19.1	572	15.3
	50	1163	72.7	1454	58.2	1308	81.7	1634	65.4	380	15.8	475	12.7	475	19.8	594	15.8



WATER PRESSURE DROP

MODEL		R22															
		280-4W				320-4W				360-4W				440-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)		
85	40	522	21.8	653	17.4	600	25.0	750	20.0	681	28.4	851	22.7	860	35.8	1075	28.7
	42	543	22.6	679	18.1	623	26.0	779	20.8	707	29.5	884	23.6	895	37.3	1119	29.8
	44	565	23.5	706	18.8	648	27.0	810	21.6	734	30.6	918	24.5	930	38.8	1163	31.0
	45	576	24.0	720	19.2	660	27.5	825	22.0	748	31.2	935	24.9	949	39.5	1186	31.6
	46	587	24.5	734	19.6	673	28.0	841	22.4	762	31.7	952	25.4	967	40.3	1209	32.2
	48	610	25.4	763	20.3	698	29.1	873	23.3	790	32.9	988	26.3	1005	41.9	1256	33.5
	50	634	26.4	792	21.1	725	30.2	906	24.2	819	34.1	1024	27.3	1044	43.5	1305	34.8
90	40	507	21.1	634	16.9	583	24.3	729	19.4	665	27.7	831	22.2	835	34.8	1044	27.8
	42	528	22.0	660	17.6	606	25.3	758	20.2	690	28.8	863	23.0	870	36.2	1087	29.0
	44	550	22.9	687	18.3	630	26.3	788	21.0	717	29.9	896	23.9	905	37.7	1131	30.2
	45	561	23.4	701	18.7	642	26.8	803	21.4	730	30.4	913	24.3	922	38.4	1153	30.7
	46	571	23.8	714	19.0	655	27.3	819	21.8	744	31.0	930	24.8	941	39.2	1176	31.4
	48	594	24.8	743	19.8	680	28.3	850	22.7	772	32.2	965	25.7	978	40.8	1223	32.6
	50	618	25.7	772	20.6	706	29.4	883	23.5	801	33.4	1001	26.7	1017	42.4	1271	33.9
95	40	491	20.5	614	16.4	566	23.6	707	18.9	647	27.0	809	21.6	808	33.7	1010	26.9
	42	511	21.3	639	17.0	588	24.5	735	19.6	673	28.0	841	22.4	842	35.1	1053	28.1
	44	533	22.2	666	17.8	612	25.5	765	20.4	698	29.1	873	23.3	877	36.5	1096	29.2
	45	543	22.6	679	18.1	624	26.0	780	20.8	712	29.7	890	23.7	894	37.3	1118	29.8
	46	554	23.1	693	18.5	636	26.5	795	21.2	726	30.2	907	24.2	913	38.0	1141	30.4
	48	577	24.0	721	19.2	661	27.5	826	22.0	753	31.4	941	25.1	950	39.6	1187	31.7
	50	599	25.0	749	20.0	686	28.6	858	22.9	782	32.6	977	26.1	987	41.1	1234	32.9
100	40	474	19.7	592	15.8	547	22.8	684	18.2	629	26.2	786	21.0	779	32.5	974	26.0
	42	494	20.6	617	16.5	570	23.7	712	19.0	654	27.2	817	21.8	813	33.9	1016	27.1
	44	514	21.4	643	17.1	593	24.7	741	19.8	679	28.3	849	22.6	847	35.3	1059	28.2
	45	525	21.9	656	17.5	604	25.2	755	20.1	692	28.8	865	23.1	865	36.0	1081	28.8
	46	536	22.3	670	17.9	616	25.7	770	20.5	706	29.4	882	23.5	882	36.8	1103	29.4
	48	558	23.2	697	18.6	641	26.7	801	21.4	733	30.5	916	24.4	918	38.3	1148	30.6
	50	580	24.2	725	19.3	666	27.7	832	22.2	760	31.7	950	25.3	955	39.8	1194	31.8
105	40	455	19.0	569	15.2	528	22.0	660	17.6	609	25.4	761	20.3	750	31.2	937	25.0
	42	475	19.8	594	15.8	550	22.9	687	18.3	634	26.4	792	21.1	782	32.6	977	26.1
	44	495	20.6	619	16.5	572	23.8	715	19.1	658	27.4	823	21.9	815	34.0	1019	27.2
	45	506	21.1	632	16.9	584	24.3	730	19.5	671	28.0	839	22.4	833	34.7	1041	27.8
	46	516	21.5	645	17.2	595	24.8	744	19.8	687	28.6	859	22.9	850	35.4	1062	28.3
	48	538	22.4	672	17.9	619	25.8	774	20.6	711	29.6	889	23.7	886	36.9	1107	29.5
	50	560	23.3	700	18.7	644	26.8	805	21.5	738	30.8	923	24.6	922	38.4	1152	30.7



WATER PRESSURE DROP

MODEL		R22															
		500-4W				560-4W				720-4W				840-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	977	40.7	1221	32.6	1114	46.4	1393	37.1	1476	61.5	1845	49.2	1691	70.5	2114	56.4
	42	1015	42.3	1269	33.8	1158	48.2	1447	38.6	1536	64.0	1920	51.2	1758	73.3	2198	58.6
	44	1055	44.0	1319	35.2	1202	50.1	1502	40.1	1597	66.5	1996	53.2	1826	76.1	2283	60.9
	45	1075	44.8	1344	35.8	1224	51.0	1530	40.8	1628	67.8	2035	54.3	1862	77.6	2327	62.1
	46	1096	45.7	1370	36.5	1246	51.9	1558	41.5	1660	69.2	2075	55.3	1897	79.0	2371	63.2
	48	1138	47.4	1422	37.9	1294	53.9	1617	43.1	1725	71.9	2156	57.5	1970	82.1	2462	65.7
	50	1181	49.2	1476	39.4	1341	55.9	1676	44.7	1791	74.6	2239	59.7	2044	85.2	2555	68.1
90	40	950	39.6	1187	31.7	1088	45.3	1360	36.3	1434	59.7	1792	47.8	1645	68.5	2056	54.8
	42	988	41.2	1235	32.9	1130	47.1	1412	37.7	1493	62.2	1866	49.8	1710	71.3	2138	57.0
	44	1026	42.8	1283	34.2	1174	48.9	1467	39.1	1553	64.7	1941	51.8	1778	74.1	2222	59.3
	45	1046	43.6	1308	34.9	1195	49.8	1494	39.8	1584	66.0	1980	52.8	1812	75.5	2265	60.4
	46	1066	44.4	1333	35.5	1218	50.8	1523	40.6	1615	67.3	2019	53.8	1846	76.9	2308	61.5
	48	1108	46.2	1385	36.9	1264	52.7	1580	42.1	1679	70.0	2099	56.0	1918	79.9	2397	63.9
	50	1150	47.9	1438	38.3	1311	54.6	1639	43.7	1745	72.7	2181	58.2	1991	83.0	2489	66.4
95	40	921	38.4	1151	30.7	1059	44.1	1324	35.3	1388	57.8	1735	46.3	1595	66.5	1994	53.2
	42	958	39.9	1198	31.9	1101	45.9	1376	36.7	1446	60.2	1807	48.2	1659	69.1	2074	55.3
	44	997	41.5	1246	33.2	1143	47.6	1429	38.1	1506	62.7	1882	50.2	1726	71.9	2157	57.5
	45	1016	42.3	1270	33.9	1166	48.6	1457	38.9	1536	64.0	1920	51.2	1759	73.3	2199	58.6
	46	1036	43.2	1295	34.5	1187	49.5	1484	39.6	1566	65.3	1958	52.2	1794	74.7	2242	59.8
	48	1076	44.8	1345	35.9	1233	51.4	1541	41.1	1630	67.9	2037	54.3	1863	77.6	2329	62.1
	50	1118	46.6	1397	37.3	1278	53.3	1598	42.6	1694	70.6	2118	56.5	1935	80.6	2419	64.5
100	40	891	37.1	1114	29.7	1029	42.9	1286	34.3	1338	55.8	1673	44.6	1543	64.3	1929	51.4
	42	927	38.6	1159	30.9	1070	44.6	1337	35.7	1396	58.2	1745	46.5	1606	66.9	2008	53.5
	44	965	40.2	1206	32.2	1112	46.3	1390	37.1	1454	60.6	1818	48.5	1671	69.6	2089	55.7
	45	984	41.0	1230	32.8	1133	47.2	1416	37.8	1484	61.8	1855	49.5	1704	71.0	2130	56.8
	46	1003	41.8	1254	33.4	1154	48.1	1443	38.5	1514	63.1	1893	50.5	1738	72.4	2172	57.9
	48	1043	43.5	1304	34.8	1199	50.0	1499	40.0	1576	65.7	1970	52.5	1806	75.3	2258	60.2
	50	1084	45.2	1355	36.1	1244	51.8	1555	41.5	1640	68.3	2050	54.7	1877	78.2	2346	62.6
105	40	860	35.8	1075	28.7	997	41.5	1246	33.2	1287	53.6	1609	42.9	1490	62.1	1862	49.7
	42	895	37.3	1119	29.8	1037	43.2	1296	34.6	1343	56.0	1679	44.8	1551	64.6	1939	51.7
	44	932	38.8	1165	31.1	1078	44.9	1348	35.9	1400	58.3	1750	46.7	1614	67.3	2018	53.8
	45	951	39.6	1189	31.7	1099	45.8	1374	36.6	1430	59.6	1787	47.7	1647	68.6	2059	54.9
	46	970	40.4	1212	32.3	1120	46.7	1400	37.3	1459	60.8	1824	48.6	1680	70.0	2100	56.0
	48	1009	42.0	1261	33.6	1164	48.5	1455	38.8	1520	63.3	1900	50.7	1746	72.8	2183	58.2
	50	1048	43.7	1310	34.9	1208	50.3	1510	40.3	1582	65.9	1978	52.7	1815	75.6	2269	60.5



WATER PRESSURE DROP

MODEL		R22											
		960-4W				1120-4W				1200-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	1923	80.1	2404	64.1	2134	88.9	2667	71.1	2399	100.0	2999	80.0
	42	1997	83.2	2496	66.6	2215	92.3	2769	73.8	2490	103.8	3113	83.0
	44	2073	86.4	2591	69.1	2299	95.8	2874	76.6	2585	107.7	3232	86.2
	45	2112	88.0	2640	70.4	2342	97.6	2927	78.1	2633	109.7	3292	87.8
	46	2151	89.6	2689	71.7	2385	99.4	2981	79.5	2681	111.7	3352	89.4
	48	2231	93.0	2789	74.4	2474	103.1	3092	82.5	2781	115.9	3476	92.7
	50	2314	96.4	2892	77.1	2564	106.8	3205	85.5	2883	120.1	3604	96.1
90	40	1877	78.2	2346	62.6	2084	86.8	2605	69.5	2343	97.6	2929	78.1
	42	1950	81.2	2437	65.0	2165	90.2	2706	72.2	2434	101.4	3042	81.1
	44	2025	84.4	2531	67.5	2247	93.6	2809	74.9	2527	105.3	3158	84.2
	45	2063	86.0	2579	68.8	2290	95.4	2862	76.3	2574	107.2	3217	85.8
	46	2102	87.6	2627	70.1	2333	97.2	2916	77.8	2622	109.2	3277	87.4
	48	2181	90.9	2726	72.7	2420	100.8	3025	80.7	2720	113.3	3400	90.7
	50	2262	94.3	2828	75.4	2510	104.6	3138	83.7	2820	117.5	3526	94.0
95	40	1828	76.2	2285	60.9	1916	79.8	2395	63.9	2286	95.2	2857	76.2
	42	1899	79.1	2374	63.3	2111	88.0	2639	70.4	2374	98.9	2968	79.1
	44	1974	82.2	2467	65.8	2193	91.4	2741	73.1	2465	102.7	3082	82.2
	45	2011	83.8	2514	67.0	2234	93.1	2793	74.5	2512	104.7	3140	83.7
	46	2049	85.4	2561	68.3	2277	94.9	2846	75.9	2559	106.6	3199	85.3
	48	2126	88.6	2658	70.9	2363	98.5	2954	78.8	2656	110.7	3320	88.5
	50	2206	91.9	2758	73.5	2452	102.2	3065	81.7	2754	114.8	3443	91.8
100	40	1776	74.0	2220	59.2	1975	82.3	2469	65.8	2225	92.7	2782	74.2
	42	1846	76.9	2308	61.5	2054	85.6	2568	68.5	2312	96.3	2890	77.1
	44	1918	79.9	2398	63.9	2135	89.0	2669	71.2	2403	100.1	3004	80.1
	45	1955	81.5	2444	65.2	2176	90.7	2720	72.5	2448	102.0	3060	81.6
	46	1993	83.0	2491	66.4	2218	92.4	2773	73.9	2494	103.9	3118	83.1
	48	2069	86.2	2586	69.0	2303	96.0	2879	76.8	2589	107.9	3236	86.3
	50	2147	89.5	2684	71.6	2391	99.6	2989	79.7	2686	111.9	3358	89.5
105	40	1721	71.7	2151	57.4	1916	79.8	2395	63.9	2162	90.1	2702	72.1
	42	1790	74.6	2238	59.7	1994	83.1	2492	66.5	2248	93.7	2810	74.9
	44	1861	77.5	2326	62.0	2074	86.4	2592	69.1	2336	97.3	2920	77.9
	45	1897	79.0	2371	63.2	2114	88.1	2643	70.5	2382	99.2	2977	79.4
	46	1934	80.6	2417	64.5	2156	89.8	2695	71.9	2427	101.1	3034	80.9
	48	2009	83.7	2511	67.0	2240	93.3	2800	74.7	2520	105.0	3150	84.0
	50	2085	86.9	2606	69.5	2326	96.9	2908	77.5	2615	109.0	3269	87.2



WATER PRESSURE DROP

MODEL		R134a															
		50-1W				60-1W				70-1W				80-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	88	8.0	110	10.6	103	9.4	129	12.4	114	10.5	143	13.8	143	13.1	179	17.3
	42	96	8.8	120	11.6	107	9.8	134	13.0	119	10.9	149	14.4	150	13.7	187	18.1
	44	96	8.8	120	11.6	112	10.3	140	13.6	125	11.4	156	15.1	157	14.4	196	18.9
	45	98	9.0	123	11.8	115	10.5	143	13.9	128	11.7	159	15.4	160	14.6	199	19.3
	46	100	9.2	125	12.1	117	10.7	146	14.2	130	11.9	163	15.7	164	15.0	205	19.8
	48	105	9.6	131	12.7	122	11.2	153	14.8	136	12.5	170	16.4	171	15.7	214	20.6
	50	109	10.0	137	13.2	128	11.7	160	15.4	142	13.0	177	17.1	178	16.4	223	21.6
90	40	85	7.8	106	10.3	99.5	9.1	124	12.0	111	10.1	138	13.4	139	12.8	174	16.8
	42	89	8.2	111	10.7	104	9.5	130	12.6	116	10.6	145	14.0	146	13.4	182	17.6
	44	93	8.5	116	11.2	109	10.0	136	13.2	121	11.1	151	14.6	152	13.9	190	18.4
	45	95	8.7	119	11.5	111	10.2	139	13.5	124	11.3	155	15.0	155	14.3	194	18.8
	46	97	8.9	122	11.8	114	10.4	142	13.7	127	11.6	158	15.3	159	14.6	198	19.2
	48	102	9.3	127	12.3	119	10.9	148	14.3	132	12.1	165	15.9	166	15.2	207	20.0
	50	106	9.7	133	12.8	124	11.4	155	15.0	138	12.6	172	16.7	173	15.9	217	20.9
95	40	82	7.5	102	9.9	96.3	8.8	120	11.6	107	9.8	134	12.9	134	12.3	168	16.2
	42	85	7.8	107	10.3	101	9.2	126	12.1	112	10.3	140	13.5	141	12.9	176	17.0
	44	90	8.2	112	10.8	105	9.7	132	12.7	117	10.7	146	14.1	147	13.5	184	17.8
	45	91	8.4	114	11.1	108	9.9	135	13.0	120	11.0	150	14.5	150	13.8	188	18.2
	46	94	8.6	117	11.3	110	10.1	138	13.3	122	11.2	153	14.8	154	14.1	192	18.6
	48	98	9.0	123	11.8	115	10.5	144	13.9	128	11.7	160	15.4	161	14.7	201	19.4
	50	103	9.4	128	12.4	120	11.0	150	14.5	133	12.2	167	16.1	168	15.4	210	20.3
100	40	78	7.2	98	9.5	92.7	8.5	116	11.2	103	9.5	129	12.5	130	11.9	162	15.7
	42	82	7.5	103	9.9	97	8.9	121	11.7	108	9.9	135	13.1	136	12.5	170	16.4
	44	86	7.9	108	10.4	102	9.3	127	12.3	113	10.3	141	13.6	142	13.0	178	17.2
	45	88	8.1	110	10.7	104	9.5	130	12.5	115	10.6	144	13.9	145	13.3	182	17.6
	46	90	8.3	113	10.9	106	9.7	133	12.8	118	10.8	148	14.3	149	13.6	186	18.0
	48	94	8.6	118	11.4	111	10.2	139	13.4	123	11.3	154	14.9	155	14.3	194	18.8
	50	99	9.1	123	11.9	116	10.6	145	14.0	129	11.8	161	15.6	162	14.9	203	19.6
105	40	75	6.9	94	9.1	89	8.2	111	10.7	99.3	9.1	124	12.0	125	11.5	156	15.1
	42	79	7.2	99	9.5	93.2	8.5	117	11.3	104	9.5	130	12.6	131	12.0	163	15.8
	44	83	7.6	103	10.0	97.8	9.0	122	11.8	109	10.0	136	13.2	137	12.5	171	16.5
	45	84	7.7	106	10.2	100	9.2	125	12.1	111	10.2	139	13.5	140	12.8	175	16.9
	46	86	7.9	108	10.4	102	9.4	128	12.4	114	10.4	142	13.8	143	13.1	179	17.3
	48	90	8.3	113	10.9	107	9.8	134	12.9	119	10.9	149	14.4	150	13.7	187	18.1
	50	95	8.7	118	11.4	111	10.2	139	13.5	124	11.4	156	15.0	157	14.4	196	18.9



WATER PRESSURE DROP

		R134a															
MODEL		90-1W				110-1W				125-1W				140-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	163	14.9	203	19.7	188	17.3	236	22.8	214	19.6	267	25.9	245	22.5	306	29.6
	42	170	15.6	213	20.6	197	18.0	246	23.8	224	20.5	279	27.0	257	23.5	321	31.0
	44	178	16.3	222	21.5	205	18.8	257	24.8	233	21.4	292	28.2	268	24.6	335	32.4
	45	182	16.7	227	22.0	210	19.2	262	25.3	239	21.9	298	28.8	274	25.1	342	33.1
	46	186	17.0	232	22.4	214	19.6	267	25.9	244	22.3	305	29.4	280	25.6	350	33.8
	48	194	17.7	242	23.4	223	20.5	279	27.0	254	23.3	318	30.7	292	26.7	365	35.3
	50	202	18.5	253	24.4	233	21.3	291	28.1	265	24.3	331	32.0	305	27.9	381	36.8
90	40	158	14.5	198	19.1	183	16.8	229	22.2	207	19.0	259	25.1	238	21.8	297	28.7
	42	165	15.2	207	20.0	192	17.6	239	23.1	217	19.9	271	26.2	249	22.8	311	30.1
	44	173	15.8	216	20.9	200	18.3	250	24.1	227	20.8	283	27.4	260	23.8	325	31.4
	45	176	16.2	221	21.3	204	18.7	255	24.7	232	21.2	289	28.0	266	24.3	332	32.1
	46	180	16.5	226	21.8	209	19.1	261	25.2	237	21.7	296	28.6	272	24.9	340	32.8
	48	188	17.3	236	22.8	217	19.9	272	26.3	247	22.7	309	29.9	284	26.0	354	34.3
	50	197	18.0	246	23.8	227	20.8	283	27.4	258	23.6	322	31.2	296	27.1	370	35.7
95	40	153	14.0	192	18.5	178	16.3	222	21.5	201	18.4	251	24.3	230	21.1	288	27.8
	42	160	14.7	200	19.3	186	17.0	232	22.5	210	19.3	263	25.4	241	22.1	301	29.1
	44	167	15.3	209	20.2	194	17.8	243	23.4	220	20.1	275	26.6	252	23.1	315	30.4
	45	171	15.7	214	20.7	198	18.2	248	24.0	225	20.6	281	27.2	257	23.6	322	31.1
	46	175	16.0	219	21.1	203	18.6	253	24.5	230	21.1	287	27.8	263	24.1	329	31.8
	48	183	16.7	228	22.1	211	19.4	264	25.5	240	22.0	300	29.0	275	25.2	343	33.2
	50	191	17.5	238	23.1	220	20.2	275	26.6	250	22.9	313	30.2	280	25.7	351	33.9
100	40	148	13.6	185	17.9	172	15.8	215	20.8	194	17.8	243	23.4	223	20.4	278	26.9
	42	154	14.2	193	18.7	180	16.5	225	21.7	203	18.6	254	24.5	233	21.3	291	28.1
	44	162	14.8	202	19.5	188	17.2	235	22.7	212	19.5	266	25.7	243	22.3	304	29.4
	45	166	15.2	207	20.0	192	17.6	240	23.2	217	19.9	272	26.3	249	22.8	311	30.1
	46	169	15.5	212	20.5	196	18.0	245	23.7	222	20.4	278	26.9	255	23.3	318	30.8
	48	177	16.2	221	21.4	205	18.8	256	24.8	232	21.3	290	28.0	266	24.4	332	32.1
	50	185	16.9	231	22.3	214	19.6	267	25.8	243	22.2	303	29.3	278	25.5	347	33.6
105	40	142	13.1	178	17.2	166	15.2	208	20.1	187	17.2	234	22.6	215	19.7	268	25.9
	42	149	13.7	186	18.0	174	15.9	217	21.0	196	18.0	245	23.7	225	20.6	281	27.2
	44	156	14.3	195	18.8	182	16.7	227	22.0	205	18.8	256	24.8	235	21.6	294	28.4
	45	160	14.6	199	19.3	186	17.0	232	22.5	210	19.2	262	25.4	240	22.0	300	29.0
	46	163	15.0	204	19.7	190	17.4	237	22.9	214	19.7	268	25.9	246	22.5	307	29.7
	48	171	15.7	214	20.6	198	18.2	248	24.0	224	20.6	280	27.1	257	23.5	321	31.0
	50	178	16.4	223	21.6	207	19.0	259	25.0	234	21.5	293	28.3	268	24.6	335	32.4



WATER PRESSURE DROP

MODEL		R134a															
		180-1W				210-1W				240-1W				100-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	325	29.8	407	39.3	366	33.6	458	44.3	417	38.2	521	50.4	175	11.0	219	8.8
	42	340	31.1	425	41.0	383	35.1	478	46.3	436	40.0	545	52.7	193	12.0	241	9.6
	44	354	32.5	443	42.8	400	36.7	500	48.3	456	41.8	570	55.1	192	12.0	240	9.6
	45	362	33.1	452	43.7	408	37.4	511	49.4	465	42.7	582	56.2	196	12.3	245	9.8
	46	369	33.9	462	44.6	417	38.3	522	50.4	476	43.6	595	57.5	201	12.5	251	10.0
	48	385	35.3	481	46.5	435	39.9	544	52.6	497	45.5	621	60.0	210	13.1	262	10.5
	50	401	36.8	501	48.5	454	41.6	568	54.9	518	47.5	648	62.6	219	13.7	273	10.9
90	40	316	29.0	395	38.2	356	32.6	444	43.0	404	37.1	506	48.9	170	10.6	212	8.5
	42	330	30.3	413	39.9	372	34.1	465	44.9	423	38.8	529	51.1	178	11.1	222	8.9
	44	345	31.6	431	41.7	388	35.6	485	46.9	442	40.5	553	53.4	185	11.6	232	9.3
	45	352	32.3	440	42.5	397	36.4	496	48.0	452	41.4	564	54.6	190	11.9	238	9.5
	46	360	33.0	450	43.5	405	37.2	507	49.0	462	42.3	577	55.8	195	12.2	243	9.7
	48	375	34.4	469	45.3	423	38.8	529	51.1	482	44.2	603	58.3	203	12.7	254	10.2
	50	391	35.8	489	47.2	442	40.5	552	53.3	503	46.1	629	60.8	212	13.3	265	10.6
95	40	307	28.1	384	37.1	344	31.6	430	41.6	392	35.9	490	47.3	163	10.2	204	8.2
	42	321	29.4	401	38.8	360	33.0	450	43.5	410	37.6	512	49.5	171	10.7	214	8.5
	44	335	30.7	418	40.4	376	34.5	470	45.5	428	39.2	535	51.7	179	11.2	224	9.0
	45	342	31.3	427	41.3	385	35.3	481	46.5	438	40.1	547	52.9	183	11.4	229	9.1
	46	350	32.0	437	42.2	393	36.1	492	47.5	448	41.0	559	54.1	187	11.7	234	9.4
	48	365	33.4	456	44.1	411	37.7	513	49.6	467	42.8	584	56.5	196	12.3	245	9.8
	50	380	34.8	475	45.9	429	39.3	536	51.8	488	44.7	610	59.0	205	12.8	256	10.3
100	40	297	27.2	371	35.9	333	30.5	416	40.2	379	34.7	473	45.7	157	9.8	196	7.8
	42	310	28.5	388	37.5	348	31.9	435	42.1	396	36.3	495	47.9	164	10.3	205	8.2
	44	325	29.8	406	39.2	364	33.4	455	44.0	414	38.0	518	50.0	172	10.8	215	8.6
	45	331	30.4	414	40.0	372	34.1	465	45.0	423	38.8	529	51.2	176	11.0	221	8.8
	46	339	31.0	423	40.9	381	34.9	476	46.0	433	39.7	541	52.3	180	11.3	226	9.0
	48	354	32.4	442	42.7	398	36.5	497	48.1	452	41.4	565	54.6	188	11.8	236	9.4
	50	369	33.8	461	44.5	415	38.1	519	50.2	472	43.3	590	57.1	198	12.3	247	9.9
105	40	287	26.3	358	34.7	321	29.4	401	38.7	365	33.4	456	44.1	150	9.4	188	7.5
	42	300	27.5	375	36.2	336	30.8	420	40.6	382	35.0	478	46.2	158	9.9	197	7.9
	44	313	28.7	392	37.9	351	32.2	439	42.4	400	36.6	500	48.3	165	10.3	207	8.3
	45	321	29.4	401	38.7	359	32.9	449	43.4	409	37.5	511	49.4	169	10.6	211	8.4
	46	328	30.0	410	39.6	367	33.7	459	44.4	418	38.3	522	50.5	173	10.8	216	8.6
	48	342	31.4	428	41.4	384	35.2	480	46.4	437	40.0	546	52.8	181	11.3	226	9.0
	50	357	32.7	446	43.1	401	36.8	502	48.5	456	41.8	570	55.1	190	11.8	237	9.5



WATER PRESSURE DROP

		R134a															
MODEL		120-2W				140-2W				160-2W				180-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	206	12.9	257	10.3	228	14.3	285	11.4	287	17.9	358	14.3	326	20.3	407	16.3
	42	215	13.4	268	10.7	238	14.9	298	11.9	300	18.7	375	15.0	340	21.3	425	17.0
	44	224	14.0	280	11.2	249	15.6	312	12.5	313	19.6	392	15.7	355	22.2	444	17.8
	45	229	14.3	287	11.5	255	15.9	319	12.8	319	19.9	399	16.0	363	22.7	454	18.2
	46	234	14.6	293	11.7	261	16.3	326	13.0	328	20.5	410	16.4	371	23.2	464	18.6
	48	244	15.3	306	12.2	272	17.0	340	13.6	342	21.4	427	17.1	387	24.2	484	19.4
	50	256	16.0	319	12.8	284	17.7	355	14.2	357	22.3	446	17.8	404	25.3	505	20.2
90	40	199	12.4	249	10.0	221	13.8	277	11.1	278	17.4	348	13.9	316	19.8	395	15.8
	42	208	13.0	260	10.4	231	14.5	289	11.6	291	18.2	364	14.6	331	20.7	413	16.5
	44	218	13.6	272	10.9	242	15.1	302	12.1	304	19.0	380	15.2	345	21.6	432	17.3
	45	223	13.9	278	11.1	247	15.5	309	12.4	311	19.4	389	15.5	353	22.1	441	17.6
	46	227	14.2	284	11.4	253	15.8	316	12.7	318	19.8	397	15.9	361	22.6	451	18.0
	48	237	14.8	297	11.9	264	16.5	329	13.2	332	20.7	415	16.6	377	23.6	471	18.8
	50	248	15.5	310	12.4	276	17.2	345	13.8	347	21.7	433	17.3	393	24.6	491	19.7
95	40	193	12.0	241	9.6	214	13.4	267	10.7	269	16.8	336	13.4	306	19.2	383	15.3
	42	201	12.6	251	10.1	224	14.0	280	11.2	281	17.6	352	14.1	320	20.0	400	16.0
	44	211	13.2	263	10.5	234	14.6	292	11.7	294	18.4	368	14.7	335	20.9	418	16.7
	45	215	13.5	269	10.8	239	15.0	299	12.0	301	18.8	376	15.0	342	21.4	428	17.1
	46	220	13.8	275	11.0	244	15.3	306	12.2	307	19.2	384	15.4	350	21.9	437	17.5
	48	230	14.4	287	11.5	256	16.0	319	12.8	322	20.1	402	16.1	365	22.8	457	18.3
	50	240	15.0	300	12.0	267	16.7	333	13.3	336	21.0	420	16.8	382	23.8	477	19.1
100	40	185	11.6	232	9.3	207	12.9	258	10.3	260	16.2	324	13.0	296	18.5	370	14.8
	42	194	12.1	243	9.7	216	13.5	270	10.8	272	17.0	340	13.6	309	19.3	386	15.4
	44	203	12.7	254	10.2	226	14.1	282	11.3	284	17.8	355	14.2	324	20.2	404	16.2
	45	208	13.0	260	10.4	231	14.4	289	11.5	291	18.2	364	14.5	331	20.7	414	16.6
	46	213	13.3	266	10.6	236	14.8	295	11.8	297	18.6	372	14.9	339	21.2	423	16.9
	48	222	13.9	277	11.1	247	15.4	309	12.3	311	19.4	389	15.5	354	22.1	442	17.7
	50	232	14.5	290	11.6	258	16.1	323	12.9	325	20.3	406	16.2	369	23.1	462	18.5
105	40	178	11.1	222	8.9	199	12.4	248	9.9	250	15.6	312	12.5	285	17.8	356	14.2
	42	186	11.7	233	9.3	208	13.0	260	10.4	262	16.3	327	13.1	298	18.6	373	14.9
	44	196	12.2	244	9.8	218	13.6	273	10.9	274	17.1	342	13.7	312	19.5	390	15.6
	45	200	12.5	250	10.0	223	13.9	278	11.1	280	17.5	350	14.0	319	19.9	399	16.0
	46	205	12.8	256	10.2	228	14.2	285	11.4	287	17.9	358	14.3	327	20.4	408	16.3
	48	214	13.4	267	10.7	238	14.9	298	11.9	300	18.7	375	15.0	342	21.4	427	17.1
	50	223	13.9	278	11.1	249	15.6	311	12.4	313	19.6	392	15.7	357	22.3	446	17.8



WATER PRESSURE DROP

MODEL		R134a															
		220-2W				250-2W				280-2W				360-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	377	23.6	471	18.8	428	26.7	535	21.4	490	30.6	613	24.5	651	40.7	813	32.5
	42	394	24.6	492	19.7	447	27.9	559	22.4	513	32.1	641	25.7	679	42.5	849	34.0
	44	411	25.7	513	20.5	467	29.2	583	23.3	536	33.5	670	26.8	709	44.3	886	35.4
	45	419	26.2	524	21.0	477	29.8	597	23.9	547	34.2	684	27.4	723	45.2	904	36.2
	46	428	26.7	535	21.4	487	30.5	609	24.4	559	35.0	699	28.0	739	46.2	924	36.9
	48	447	27.9	558	22.3	508	31.8	635	25.4	584	36.5	730	29.2	770	48.1	963	38.5
	50	465	29.1	581	23.3	530	33.1	663	26.5	609	38.1	762	30.5	802	50.1	1003	40.1
90	40	367	22.9	459	18.3	415	25.9	518	20.7	476	29.7	595	23.8	633	39.5	791	31.6
	42	383	23.9	479	19.2	434	27.1	542	21.7	497	31.1	622	24.9	661	41.3	826	33.0
	44	400	25.0	500	20.0	453	28.3	566	22.7	520	32.5	650	26.0	689	43.1	862	34.5
	45	408	25.5	510	20.4	463	28.9	579	23.2	531	33.2	664	26.6	704	44.0	880	35.2
	46	417	26.1	522	20.9	473	29.6	592	23.7	543	34.0	679	27.2	720	45.0	900	36.0
	48	435	27.2	544	21.7	494	30.9	618	24.7	567	35.4	709	28.4	750	46.9	937	37.5
	50	453	28.3	566	22.7	516	32.2	644	25.8	592	37.0	740	29.6	782	48.9	977	39.1
95	40	356	22.2	445	17.8	402	25.1	503	20.1	460	28.8	575	23.0	614	38.4	767	30.7
	42	372	23.2	465	18.6	420	26.3	525	21.0	482	30.1	602	24.1	642	40.1	802	32.1
	44	388	24.3	485	19.4	439	27.5	549	22.0	503	31.5	629	25.2	669	41.8	837	33.5
	45	397	24.8	496	19.8	450	28.1	562	22.5	515	32.2	643	25.7	684	42.7	855	34.2
	46	405	25.3	507	20.3	460	28.7	575	23.0	526	32.9	658	26.3	699	43.7	874	35.0
	48	422	26.4	528	21.1	480	30.0	600	24.0	549	34.3	687	27.5	729	45.6	912	36.5
	50	440	27.5	551	22.0	500	31.3	626	25.0	561	35.1	701	28.0	760	47.5	950	38.0
100	40	344	21.5	430	17.2	388	24.3	485	19.4	445	27.8	556	22.3	594	37.1	742	29.7
	42	360	22.5	450	18.0	406	25.4	508	20.3	466	29.1	582	23.3	621	38.8	776	31.0
	44	376	23.5	470	18.8	425	26.6	531	21.2	487	30.4	609	24.3	649	40.6	811	32.5
	45	385	24.0	481	19.2	435	27.2	544	21.7	498	31.1	622	24.9	663	41.4	828	33.1
	46	393	24.5	491	19.6	445	27.8	556	22.2	509	31.8	636	25.5	677	42.3	847	33.9
	48	410	25.6	512	20.5	464	29.0	580	23.2	532	33.2	665	26.6	707	44.2	884	35.4
	50	427	26.7	534	21.4	485	30.3	607	24.3	555	34.7	694	27.8	737	46.1	922	36.9
105	40	333	20.8	416	16.6	374	23.4	468	18.7	429	26.8	537	21.5	574	35.8	717	28.7
	42	348	21.7	435	17.4	392	24.5	490	19.6	450	28.1	562	22.5	600	37.5	750	30.0
	44	364	22.7	455	18.2	410	25.6	512	20.5	470	29.4	588	23.5	627	39.2	784	31.3
	45	372	23.2	465	18.6	420	26.2	525	21.0	480	30.0	600	24.0	641	40.1	801	32.1
	46	380	23.7	474	19.0	429	26.8	536	21.4	491	30.7	614	24.6	655	41.0	819	32.8
	48	397	24.8	496	19.8	449	28.0	561	22.4	514	32.1	642	25.7	684	42.8	856	34.2
	50	414	25.9	518	20.7	469	29.3	586	23.4	536	33.5	670	26.8	714	44.6	893	35.7



WATER PRESSURE DROP

		R134a															
MODEL		420-2W				480-2W				200-4W				240-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	733	45.8	916	36.6	834	52.1	1043	41.7	351	14.6	438	11.7	411	17.1	514	13.7
	42	766	47.8	957	38.3	872	54.5	1090	43.6	385	16.1	482	12.8	429	17.9	537	14.3
	44	800	50.0	1000	40.0	911	57.0	1139	45.6	384	16.0	480	12.8	449	18.7	561	15.0
	45	817	51.1	1021	40.8	931	58.2	1164	46.5	392	16.3	490	13.1	459	19.1	573	15.3
	46	835	52.2	1043	41.7	952	59.5	1189	47.6	401	16.7	501	13.4	469	19.5	586	15.6
	48	871	54.4	1089	43.5	993	62.1	1242	49.7	419	17.5	524	14.0	489	20.4	611	16.3
	50	908	56.8	1135	45.4	1036	64.8	1295	51.8	437	18.2	547	14.6	511	21.3	639	17.0
90	40	711	44.4	889	35.6	809	50.6	1011	40.4	340	14.2	425	11.3	398	16.6	498	13.3
	42	743	46.5	929	37.2	846	52.9	1057	42.3	356	14.8	445	11.9	416	17.3	520	13.9
	44	777	48.5	971	38.8	884	55.3	1105	44.2	371	15.5	464	12.4	435	18.1	544	14.5
	45	794	49.6	992	39.7	903	56.4	1129	45.2	380	15.8	475	12.7	446	18.6	557	14.9
	46	811	50.7	1014	40.5	924	57.7	1155	46.2	389	16.2	486	13.0	455	18.9	568	15.2
	48	846	52.9	1058	42.3	964	60.3	1205	48.2	406	16.9	508	13.5	475	19.8	593	15.8
	50	883	55.2	1104	44.2	1006	62.9	1258	50.3	424	17.7	530	14.1	496	20.7	620	16.5
95	40	688	43.0	861	34.4	783	49.0	979	39.2	327	13.6	408	10.9	385	16.0	481	12.8
	42	720	45.0	900	36.0	820	51.2	1024	41.0	342	14.2	427	11.4	402	16.8	503	13.4
	44	752	47.0	941	37.6	856	53.5	1070	42.8	359	15.0	449	12.0	421	17.6	527	14.0
	45	770	48.1	962	38.5	875	54.7	1094	43.8	366	15.2	457	12.2	430	17.9	538	14.3
	46	787	49.2	983	39.3	895	55.9	1119	44.8	375	15.6	469	12.5	440	18.4	551	14.7
	48	822	51.3	1027	41.1	934	58.4	1168	46.7	392	16.3	490	13.1	460	19.2	575	15.3
	50	857	53.6	1072	42.9	976	61.0	1220	48.8	410	17.1	513	13.7	480	20.0	600	16.0
100	40	665	41.6	832	33.3	757	47.3	946	37.9	313	13.1	392	10.4	371	15.5	464	12.4
	42	696	43.5	870	34.8	792	49.5	990	39.6	329	13.7	411	11.0	388	16.2	485	12.9
	44	728	45.5	910	36.4	828	51.8	1035	41.4	345	14.4	431	11.5	406	16.9	508	13.5
	45	744	46.5	931	37.2	847	52.9	1058	42.3	353	14.7	441	11.8	415	17.3	519	13.8
	46	761	47.6	951	38.1	866	54.1	1082	43.3	361	15.0	451	12.0	425	17.7	532	14.2
	48	795	49.7	994	39.8	904	56.5	1130	45.2	377	15.7	471	12.6	444	18.5	554	14.8
	50	831	51.9	1038	41.5	944	59.0	1181	47.2	395	16.5	494	13.2	464	19.3	580	15.5
105	40	641	40.1	801	32.1	730	45.6	912	36.5	300	12.5	375	10.0	356	14.8	445	11.9
	42	671	42.0	839	33.6	764	47.8	955	38.2	316	13.1	394	10.5	373	15.5	466	12.4
	44	702	43.9	878	35.1	799	50.0	999	40.0	331	13.8	413	11.0	391	16.3	489	13.0
	45	719	44.9	898	35.9	817	51.1	1022	40.9	338	14.1	422	11.3	400	16.7	500	13.3
	46	735	45.9	919	36.7	836	52.2	1045	41.8	346	14.4	432	11.5	409	17.1	512	13.6
	48	768	48.0	960	38.4	873	54.6	1092	43.7	362	15.1	452	12.1	427	17.8	534	14.2
	50	803	50.2	1004	40.1	912	57.0	1140	45.6	379	15.8	474	12.6	446	18.6	557	14.9



WATER PRESSURE DROP

MODEL		R134a															
		280-4W				320-4W				360-4W				440-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)		
85	40	457	19.0	571	15.2	574	23.9	717	19.1	651	27.1	814	21.7	754	31.4	942	25.1
	42	477	19.9	596	15.9	600	25.0	750	20.0	680	28.4	851	22.7	787	32.8	984	26.2
	44	499	20.8	624	16.6	627	26.1	784	20.9	711	29.6	888	23.7	822	34.2	1027	27.4
	45	510	21.3	638	17.0	638	26.6	798	21.3	727	30.3	908	24.2	839	34.9	1048	28.0
	46	521	21.7	651	17.4	655	27.3	819	21.8	743	31.0	929	24.8	856	35.7	1070	28.5
	48	543	22.6	679	18.1	683	28.5	854	22.8	774	32.3	968	25.8	893	37.2	1116	29.8
	50	568	23.6	709	18.9	714	29.7	892	23.8	808	33.7	1011	26.9	930	38.8	1163	31.0
90	40	443	18.4	553	14.8	556	23.2	696	18.5	632	26.3	790	21.1	734	30.6	917	24.5
	42	463	19.3	578	15.4	583	24.3	728	19.4	661	27.6	827	22.0	766	31.9	958	25.5
	44	484	20.2	605	16.1	608	25.3	760	20.3	690	28.8	863	23.0	799	33.3	999	26.6
	45	495	20.6	619	16.5	622	25.9	777	20.7	706	29.4	882	23.5	816	34.0	1021	27.2
	46	506	21.1	633	16.9	635	26.5	794	21.2	722	30.1	902	24.1	835	34.8	1043	27.8
	48	527	22.0	659	17.6	663	27.6	829	22.1	754	31.4	942	25.1	870	36.2	1087	29.0
	50	551	23.0	689	18.4	694	28.9	867	23.1	786	32.8	983	26.2	906	37.8	1133	30.2
95	40	427	17.8	534	14.2	537	22.4	672	17.9	613	25.5	766	20.4	712	29.7	890	23.7
	42	448	18.6	559	14.9	562	23.4	703	18.7	640	26.7	800	21.3	744	31.0	930	24.8
	44	468	19.5	585	15.6	589	24.5	736	19.6	669	27.9	837	22.3	776	32.3	970	25.9
	45	479	20.0	599	16.0	602	25.1	752	20.1	684	28.5	856	22.8	793	33.1	992	26.4
	46	489	20.4	611	16.3	615	25.6	769	20.5	700	29.1	874	23.3	810	33.8	1013	27.0
	48	511	21.3	639	17.0	643	26.8	804	21.4	731	30.5	914	24.4	845	35.2	1056	28.2
	50	533	22.2	667	17.8	671	28.0	839	22.4	763	31.8	954	25.4	881	36.7	1101	29.4
100	40	413	17.2	517	13.8	519	21.6	649	17.3	592	24.7	740	19.7	688	28.7	861	22.9
	42	432	18.0	541	14.4	543	22.6	679	18.1	618	25.7	772	20.6	720	30.0	900	24.0
	44	452	18.8	564	15.1	569	23.7	711	19.0	647	27.0	809	21.6	752	31.3	940	25.1
	45	462	19.2	577	15.4	582	24.2	727	19.4	662	27.6	828	22.1	769	32.0	961	25.6
	46	473	19.7	591	15.8	595	24.8	743	19.8	677	28.2	847	22.6	785	32.7	982	26.2
	48	494	20.6	617	16.5	622	25.9	777	20.7	708	29.5	885	23.6	820	34.1	1024	27.3
	50	516	21.5	645	17.2	649	27.0	811	21.6	739	30.8	924	24.6	855	35.6	1068	28.5
105	40	397	16.5	496	13.2	500	20.8	625	16.7	570	23.7	712	19.0	665	27.7	832	22.2
	42	416	17.3	520	13.9	523	21.8	654	17.4	597	24.9	746	19.9	696	29.0	869	23.2
	44	436	18.2	546	14.5	547	22.8	684	18.2	624	26.0	780	20.8	728	30.3	910	24.3
	45	446	18.6	557	14.9	560	23.4	701	18.7	638	26.6	798	21.3	744	31.0	930	24.8
	46	456	19.0	570	15.2	574	23.9	717	19.1	653	27.2	816	21.8	759	31.6	949	25.3
	48	477	19.9	596	15.9	600	25.0	750	20.0	683	28.5	854	22.8	793	33.1	992	26.4
	50	498	20.7	622	16.6	627	26.1	784	20.9	714	29.7	892	23.8	829	34.5	1036	27.6



WATER PRESSURE DROP

R134a																	
MODEL	500-4W				560-4W				720-4W				840-4W				
	COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	856	35.7	1070	28.5	981	40.9	1226	32.7	1301	54.2	1627	43.4	1466	61.1	1832	48.9
	42	894	37.3	1118	29.8	1026	42.8	1283	34.2	1359	56.6	1698	45.3	1531	63.8	1914	51.0
	44	933	38.9	1167	31.1	1072	44.6	1339	35.7	1417	59.1	1772	47.2	1600	66.7	2000	53.3
	45	955	39.8	1193	31.8	1095	45.6	1368	36.5	1446	60.3	1808	48.2	1634	68.1	2042	54.5
	46	975	40.6	1218	32.5	1119	46.6	1399	37.3	1478	61.6	1847	49.3	1669	69.6	2087	55.6
	48	1016	42.3	1270	33.9	1167	48.6	1459	38.9	1540	64.2	1925	51.3	1742	72.6	2177	58.1
	50	1060	44.2	1326	35.3	1219	50.8	1523	40.6	1605	66.9	2006	53.5	1816	75.7	2271	60.5
90	40	830	34.6	1037	27.7	952	39.6	1189	31.7	1265	52.7	1581	42.2	1422	59.3	1778	47.4
	42	868	36.2	1085	28.9	995	41.5	1244	33.2	1321	55.1	1652	44.0	1487	62.0	1859	49.6
	44	906	37.8	1133	30.2	1039	43.3	1299	34.6	1379	57.5	1724	46.0	1553	64.7	1942	51.8
	45	926	38.6	1158	30.9	1062	44.3	1328	35.4	1408	58.7	1760	46.9	1588	66.2	1985	52.9
	46	947	39.4	1183	31.6	1087	45.3	1358	36.2	1439	60.0	1799	48.0	1622	67.6	2027	54.1
	48	989	41.2	1236	33.0	1134	47.3	1418	37.8	1500	62.5	1875	50.0	1692	70.5	2116	56.4
	50	1031	43.0	1289	34.4	1183	49.3	1479	39.4	1563	65.1	1954	52.1	1766	73.6	2208	58.9
95	40	804	33.5	1005	26.8	920	38.3	1150	30.7	1228	51.2	1535	40.9	1377	57.4	1721	45.9
	42	841	35.0	1051	28.0	964	40.2	1205	32.1	1283	53.5	1604	42.8	1439	60.0	1799	48.0
	44	879	36.6	1099	29.3	1007	42.0	1259	33.6	1339	55.8	1673	44.6	1505	62.7	1881	50.2
	45	899	37.5	1124	30.0	1029	42.9	1286	34.3	1368	57.0	1710	45.6	1539	64.1	1924	51.3
	46	919	38.3	1149	30.6	1052	43.8	1315	35.1	1398	58.3	1748	46.6	1573	65.6	1967	52.4
	48	960	40.0	1200	32.0	1099	45.8	1373	36.6	1459	60.8	1823	48.6	1643	68.5	2054	54.8
	50	1001	41.7	1251	33.4	1122	46.7	1402	37.4	1520	63.3	1900	50.7	1715	71.4	2143	57.2
100	40	776	32.3	970	25.9	890	37.1	1113	29.7	1187	49.5	1484	39.6	1331	55.4	1663	44.4
	42	812	33.9	1016	27.1	931	38.8	1164	31.0	1242	51.7	1552	41.4	1392	58.0	1740	46.4
	44	850	35.4	1062	28.3	974	40.6	1217	32.5	1298	54.1	1623	43.3	1456	60.6	1819	48.5
	45	870	36.2	1087	29.0	996	41.5	1245	33.2	1326	55.2	1657	44.2	1489	62.0	1861	49.6
	46	889	37.0	1111	29.6	1018	42.4	1273	33.9	1355	56.4	1693	45.2	1522	63.4	1903	50.7
	48	928	38.7	1160	30.9	1063	44.3	1329	35.4	1414	58.9	1768	47.1	1591	66.3	1988	53.0
	50	971	40.4	1213	32.4	1111	46.3	1389	37.0	1475	61.4	1843	49.2	1661	69.2	2076	55.4
105	40	749	31.2	936	25.0	859	35.8	1074	28.6	1147	47.8	1434	38.2	1282	53.4	1603	42.7
	42	784	32.7	980	26.1	899	37.5	1124	30.0	1200	50.0	1499	40.0	1343	55.9	1678	44.8
	44	820	34.1	1024	27.3	940	39.2	1176	31.3	1254	52.2	1567	41.8	1404	58.5	1755	46.8
	45	840	35.0	1050	28.0	961	40.0	1201	32.0	1282	53.4	1603	42.7	1437	59.9	1797	47.9
	46	858	35.7	1072	28.6	983	41.0	1229	32.8	1310	54.6	1638	43.7	1470	61.2	1837	49.0
	48	897	37.4	1121	29.9	1027	42.8	1284	34.2	1369	57.0	1711	45.6	1536	64.0	1920	51.2
	50	937	39.1	1172	31.2	1073	44.7	1341	35.8	1428	59.5	1785	47.6	1606	66.9	2007	53.5



WATER PRESSURE DROP

R134a					
MODEL		960-4W			
		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)
85	40	1668	69.5	2085	55.6
	42	1744	72.7	2180	58.1
	44	1822	75.9	2278	60.7
	45	1862	77.6	2327	62.1
	46	1903	79.3	2379	63.4
	48	1987	82.8	2483	66.2
	50	2072	86.4	2591	69.1
	90	40	1618	67.4	2022
42		1691	70.5	2114	56.4
44		1768	73.7	2210	58.9
45		1806	75.3	2258	60.2
46		1848	77.0	2310	61.6
48		1928	80.3	2410	64.3
50		2013	83.9	2516	67.1
95		40	1566	65.3	1958
	42	1639	68.3	2049	54.6
	44	1713	71.4	2141	57.1
	45	1751	73.0	2189	58.4
	46	1790	74.6	2238	59.7
	48	1869	77.9	2336	62.3
	50	1951	81.3	2439	65.0
	100	40	1514	63.1	1893
42		1585	66.0	1981	52.8
44		1656	69.0	2070	55.2
45		1693	70.6	2117	56.4
46		1732	72.2	2165	57.7
48		1808	75.3	2260	60.3
50		1889	78.7	2361	63.0
105		40	1460	60.8	1824
	42	1528	63.7	1910	50.9
	44	1599	66.6	1998	53.3
	45	1635	68.1	2044	54.5
	46	1671	69.6	2089	55.7
	48	1747	72.8	2184	58.2
	50	1824	76.0	2281	60.8



WATER PRESSURE DROP

R407C																	
MODEL	50-1W				60-1W				70-1W				80-1W				
	COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	92	8.4	115	11.1	113	10.4	142	13.7	132	12.1	165	16.0	155	14.3	194	18.8
	42	96	8.8	120	11.6	118	10.8	148	14.3	138	12.6	172	16.6	162	14.9	203	19.6
	44	100	9.1	125	12.1	123	11.3	154	14.9	143	13.1	179	17.3	169	15.5	211	20.4
	45	102	9.3	127	12.3	126	11.5	157	15.2	146	13.4	183	17.7	173	15.8	216	20.9
	46	104	9.5	130	12.6	128	11.8	160	15.5	149	13.7	187	18.1	176	16.1	220	21.3
	48	108	9.9	135	13.1	134	12.2	167	16.1	155	14.3	194	18.8	183	16.8	229	22.2
	50	113	10.3	141	13.6	139	12.8	174	16.8	162	14.8	202	19.5	191	17.5	238	23.1
90	40	89	8.1	111	10.7	109	10.0	137	13.2	127	11.7	159	15.4	150	13.8	188	18.1
	42	92	8.5	116	11.2	114	10.5	143	13.8	133	12.2	166	16.0	157	14.4	196	18.9
	44	97	8.8	121	11.7	119	10.9	149	14.4	138	12.7	173	16.7	163	15.0	204	19.7
	45	99	9.0	123	11.9	121	11.1	152	14.7	141	13.0	177	17.1	167	15.3	209	20.2
	46	100	9.2	125	12.1	124	11.4	155	15.0	144	13.2	180	17.4	170	15.6	213	20.6
	48	105	9.6	131	12.6	129	11.9	162	15.6	150	13.8	188	18.2	177	16.2	221	21.4
	50	109	10.0	136	13.2	134	12.3	168	16.2	157	14.4	196	18.9	184	16.9	231	22.3
95	40	85	7.8	106	10.3	105	9.7	132	12.7	122	11.2	153	14.8	144	13.2	180	17.4
	42	89	8.2	111	10.7	110	10.1	138	13.3	128	11.7	160	15.5	151	13.8	188	18.2
	44	93	8.5	116	11.2	115	10.5	143	13.9	133	12.2	167	16.1	157	14.4	197	19.0
	45	95	8.7	118	11.4	117	10.7	146	14.1	136	12.5	170	16.4	161	14.7	201	19.4
	46	97	8.9	121	11.7	119	10.9	149	14.4	139	12.8	174	16.8	164	15.0	205	19.8
	48	101	9.2	126	12.2	124	11.4	156	15.0	145	13.3	181	17.5	171	15.7	214	20.6
	50	105	9.6	131	12.7	130	11.9	162	15.7	151	13.8	189	18.2	178	16.3	223	21.5
100	40	82	7.5	102	9.9	101	9.3	127	12.2	117	10.8	147	14.2	139	12.7	173	16.7
	42	85	7.8	106	10.3	106	9.7	132	12.8	123	11.2	153	14.8	145	13.3	181	17.5
	44	89	8.2	111	10.7	110	10.1	138	13.3	131	12.0	163	15.8	151	13.8	189	18.2
	45	91	8.3	114	11.0	113	10.3	141	13.6	131	12.0	163	15.8	154	14.1	193	18.6
	46	93	8.5	116	11.2	115	10.5	144	13.9	134	12.2	167	16.1	158	14.4	197	19.0
	48	97	8.9	121	11.7	120	11.0	150	14.5	139	12.8	174	16.8	164	15.1	205	19.9
	50	101	9.3	126	12.2	125	11.4	156	15.1	145	13.3	181	17.5	171	15.7	214	20.7
105	40	78	7.2	97.7	9.4	97	8.9	121	11.7	112	10.3	140	13.6	133	12.2	166	16.0
	42	82	7.5	102	9.9	101	9.3	127	12.2	117	10.8	147	14.2	138	12.7	173	16.7
	44	85	7.8	106	10.3	106	9.7	132	12.8	123	11.2	153	14.8	144	13.2	180	17.4
	45	87	8.0	109	10.5	108	9.9	135	13.0	125	11.5	157	15.1	148	13.5	185	17.8
	46	89	8.2	111	10.7	110	10.1	138	13.3	128	11.7	160	15.5	151	13.8	188	18.2
	48	93	8.5	116	11.2	115	10.5	143	13.9	134	12.2	167	16.1	157	14.4	197	19.0
	50	97	8.9	121	11.7	119	10.9	149	14.4	139	12.8	174	16.8	164	15.0	205	19.8



WATER PRESSURE DROP

MODEL		R407C															
		90-1W				110-1W				125-1W				140-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
GPM PD(ft)		GPM PD(ft)		GPM PD(ft)		GPM PD(ft)		GPM PD(ft)		GPM PD(ft)		GPM PD(ft)		GPM PD(ft)			
85	40	176	16.1	220	21.3	220	20.1	275	26.6	254	23.2	317	30.6	288	26.4	360	34.8
	42	183	16.8	229	22.2	229	21.0	286	27.7	264	24.2	330	31.9	300	27.5	375	36.3
	44	191	17.5	239	23.1	239	21.9	298	28.8	275	25.2	344	33.3	313	28.7	391	37.8
	45	195	17.9	244	23.6	244	22.3	305	29.4	281	25.8	352	34.0	319	29.3	399	38.6
	46	199	18.2	249	24.1	249	22.8	311	30.1	287	26.3	359	34.7	326	29.9	407	39.4
	48	207	19.0	259	25.1	259	23.7	324	31.3	299	27.4	374	36.1	339	31.1	424	41.0
	50	216	19.8	270	26.1	269	24.7	337	32.6	311	28.5	389	37.6	353	32.4	441	42.7
90	40	170	15.6	212	20.5	212	19.5	266	25.7	245	22.4	306	29.6	278	25.5	348	33.6
	42	177	16.2	221	21.4	222	20.3	277	26.8	255	23.4	319	30.8	290	26.6	363	35.0
	44	185	16.9	231	22.3	231	21.2	289	27.9	266	24.4	333	32.2	302	27.7	378	36.5
	45	188	17.3	236	22.8	236	21.6	295	28.5	272	24.9	340	32.8	308	28.3	386	37.3
	46	192	17.6	240	23.2	241	22.1	301	29.1	277	25.4	347	33.5	315	28.9	393	38.0
	48	200	18.4	250	24.2	251	23.0	313	30.3	289	26.5	361	34.9	328	30.1	410	39.6
	50	208	19.1	261	25.2	261	23.9	326	31.5	301	27.6	376	36.4	341	31.3	427	41.3
95	40	164	15.0	204	19.8	205	18.8	256	24.8	235	21.6	294	28.4	268	24.6	335	32.4
	42	171	15.7	214	20.6	214	19.6	267	25.8	246	22.5	307	29.7	279	25.6	349	33.7
	44	178	16.3	222	21.5	223	20.4	279	26.9	256	23.5	320	31.0	291	26.7	364	35.2
	45	182	16.7	227	22.0	228	20.9	284	27.5	262	24.0	327	31.6	297	27.3	372	35.9
	46	185	17.0	232	22.4	233	21.3	291	28.1	267	24.5	334	32.3	303	27.8	379	36.7
	48	193	17.7	242	23.4	242	22.2	303	29.3	278	25.5	348	33.6	316	29.0	395	38.2
	50	201	18.4	251	24.3	253	23.1	316	30.5	290	26.6	363	35.0	329	30.2	412	39.8
100	40	157	14.4	197	19.0	197	18.1	246	23.8	226	20.7	282	27.3	257	23.6	322	31.1
	42	164	15.0	205	19.8	206	18.8	257	24.8	236	21.6	295	28.5	268	24.6	335	32.4
	44	171	15.7	214	20.7	215	19.7	268	25.9	246	22.5	307	29.7	280	25.7	350	33.8
	45	175	16.0	218	21.1	219	20.1	274	26.5	251	23.0	314	30.4	286	26.2	357	34.5
	46	178	16.4	223	21.6	224	20.5	280	27.0	257	23.5	321	31.0	292	26.7	365	35.3
	48	186	17.0	232	22.5	234	21.4	292	28.2	268	24.5	335	32.3	304	27.9	380	36.8
	50	194	17.7	242	23.4	243	22.3	304	29.4	279	25.6	349	33.7	317	29.0	396	38.3
105	40	151	13.8	188	18.2	189	17.3	236	22.8	216	19.8	270	26.1	246	22.6	308	29.8
	42	157	14.4	196	19.0	197	18.1	247	23.8	225	20.7	282	27.2	257	23.6	322	31.1
	44	164	15.0	205	19.8	206	18.9	258	24.8	235	21.6	294	28.4	268	24.6	335	32.4
	45	167	15.3	209	20.2	210	19.3	263	25.4	240	22.0	301	29.0	274	25.1	342	33.1
	46	171	15.7	214	20.6	215	19.7	269	26.0	246	22.5	307	29.7	280	25.7	350	33.8
	48	178	16.4	223	21.6	224	20.6	280	27.1	256	23.5	320	31.0	292	26.7	365	35.3
	50	186	17.0	232	22.4	234	21.4	292	28.3	267	24.5	334	32.3	304	27.9	380	36.7



WATER PRESSURE DROP

		R407C															
MODEL		180-1W				210-1W				240-1W				280-1W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	377	34.6	472	45.6	439	40.3	549	53.1	496	45.5	620	60.0	562	51.5	703	67.9
	42	393	36.1	492	47.5	458	41.9	572	55.3	517	47.4	647	62.5	586	53.7	732	70.8
	44	410	37.6	513	49.5	477	43.7	596	57.6	539	49.4	673	65.1	610	55.9	763	73.7
	45	418	38.3	523	50.5	487	44.6	609	58.8	550	50.4	687	66.4	623	57.1	778	75.2
	46	427	39.1	534	51.6	497	45.6	621	60.0	561	51.4	701	67.8	636	58.3	794	76.8
	48	445	40.7	556	53.7	517	47.4	647	62.5	584	53.5	730	70.6	661	60.6	827	79.9
	50	463	42.4	579	55.9	539	49.4	673	65.1	608	55.7	760	73.5	688	63.1	860	83.1
90	40	365	33.4	456	44.1	424	38.9	530	51.2	480	44.0	600	58.0	544	49.9	680	65.7
	42	381	34.9	476	46.0	442	40.5	552	53.4	500	45.8	625	60.4	567	52.0	709	68.5
	44	397	36.4	496	47.9	461	42.2	576	55.7	521	47.8	652	63.0	591	54.2	739	71.4
	45	405	37.1	506	48.9	470	43.1	588	56.9	532	48.8	665	64.3	603	55.3	754	72.9
	46	413	37.9	517	49.9	480	44.0	600	58.0	543	49.8	679	65.6	616	56.4	770	74.4
	48	430	39.5	538	52.0	500	45.9	625	60.4	565	51.8	707	68.3	641	58.8	801	77.5
	50	448	41.1	560	54.2	521	47.7	651	62.9	588	53.9	736	71.1	667	61.2	834	80.6
95	40	352	32.2	440	42.5	408	37.4	510	49.3	463	42.4	578	55.9	525	48.2	657	63.5
	42	367	33.7	459	44.4	426	39.0	532	51.4	482	44.2	603	58.3	548	50.2	685	66.2
	44	383	35.1	478	46.3	444	40.7	555	53.7	503	46.1	629	60.8	571	52.4	714	69.0
	45	391	35.9	489	47.3	453	41.6	567	54.8	513	47.1	642	62.0	583	53.5	729	70.5
	46	399	36.6	499	48.2	463	42.4	578	55.9	524	48.0	655	63.3	595	54.6	744	71.9
	48	416	38.1	520	50.3	482	44.2	603	58.3	546	50.0	682	65.9	620	56.8	775	74.9
	50	433	39.7	542	52.4	502	46.0	628	60.7	568	52.1	710	68.7	646	59.2	807	78.0
100	40	338	31.0	423	40.9	392	35.9	490	47.4	445	40.8	557	53.8	506	46.4	632	61.1
	42	353	32.4	442	42.7	409	37.5	512	49.4	464	42.6	581	56.1	528	48.4	660	63.8
	44	369	33.8	461	44.5	427	39.1	533	51.6	484	44.4	605	58.5	551	50.5	689	66.6
	45	376	34.5	471	45.5	436	40.0	545	52.7	494	45.3	618	59.7	562	51.5	703	67.9
	46	385	35.3	481	46.5	445	40.8	557	53.8	505	46.3	631	61.0	574	52.6	718	69.4
	48	401	36.8	501	48.4	464	42.5	580	56.1	526	48.2	657	63.5	598	54.8	748	72.3
	50	418	38.3	522	50.5	484	44.3	605	58.4	548	50.2	685	66.2	624	57.2	779	75.3
105	40	324	29.7	405	39.2	375	34.4	469	45.3	427	39.2	534	51.6	486	44.6	608	58.7
	42	339	31.0	423	40.9	392	35.9	490	47.4	446	40.9	557	53.9	507	46.5	634	61.3
	44	354	32.4	442	42.7	409	37.5	512	49.4	465	42.6	581	56.2	530	48.6	662	64.0
	45	361	33.1	452	43.7	418	38.3	523	50.5	475	43.5	593	57.4	541	49.6	676	65.4
	46	369	33.8	461	44.6	427	39.1	534	51.6	485	44.4	606	58.6	553	50.7	691	66.8
	48	385	35.3	481	46.5	445	40.8	557	53.8	505	46.3	632	61.0	576	52.8	720	69.6
	50	402	36.8	502	48.5	464	42.5	580	56.1	526	48.2	658	63.6	600	55.0	751	72.6



WATER PRESSURE DROP

MODEL		R407C															
		300-1W				100-2W				120-2W				140-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	632	57.9	790	76.4	183	11.5	229	9.2	227	14.2	284	11.3	264	16.5	330	13.2
	42	659	60.4	823	79.6	192	12.0	239	9.6	236	14.8	295	11.8	275	17.2	344	13.8
	44	686	62.9	857	82.9	200	12.5	249	10.0	246	15.4	308	12.3	287	17.9	358	14.3
	45	700	64.2	875	84.6	204	12.7	255	10.2	251	15.7	314	12.6	293	18.3	366	14.6
	46	714	65.5	893	86.3	208	13.0	260	10.4	257	16.0	321	12.8	299	18.7	374	14.9
	48	743	68.1	929	89.8	217	13.5	271	10.8	267	16.7	334	13.4	311	19.4	389	15.5
	50	773	70.9	966	93.4	225	14.1	282	11.3	278	17.4	348	13.9	324	20.2	404	16.2
90	40	612	56.1	765	74.0	177	11.1	222	8.9	219	13.7	273	10.9	255	15.9	318	12.7
	42	638	58.5	797	77.1	185	11.6	231	9.2	228	14.3	285	11.4	266	16.6	332	13.3
	44	665	60.9	831	80.3	193	12.1	241	9.7	238	14.9	298	11.9	277	17.3	346	13.8
	45	678	62.2	848	82.0	197	12.3	246	9.9	243	15.2	304	12.1	283	17.7	353	14.1
	46	692	63.4	865	83.6	201	12.5	251	10.0	248	15.5	310	12.4	289	18.0	361	14.4
	48	720	66.0	901	87.1	209	13.1	261	10.5	259	16.2	323	12.9	301	18.8	376	15.0
	50	750	68.7	937	90.6	218	13.6	272	10.9	269	16.8	336	13.4	313	19.6	392	15.7
95	40	592	54.2	740	71.5	170	10.6	213	8.5	211	13.2	263	10.5	245	15.3	306	12.2
	42	617	56.5	771	74.5	178	11.1	222	8.9	220	13.8	275	11.0	256	16.0	320	12.8
	44	643	58.9	803	77.7	185	11.6	232	9.3	229	14.3	287	11.5	267	16.7	333	13.3
	45	656	60.1	820	79.3	190	11.8	237	9.5	234	14.6	292	11.7	272	17.0	340	13.6
	46	669	61.4	837	80.9	194	12.1	242	9.7	239	14.9	299	11.9	278	17.4	348	13.9
	48	697	63.9	871	84.2	202	12.6	252	10.1	249	15.6	311	12.4	290	18.1	362	14.5
	50	726	66.5	907	87.7	210	13.1	263	10.5	259	16.2	324	13.0	302	18.9	377	15.1
100	40	571	52.3	713	69.0	163	10.2	204	8.2	203	12.7	253	10.1	235	14.7	294	11.7
	42	595	54.6	744	71.9	170	10.6	213	8.5	211	13.2	264	10.6	245	15.3	307	12.3
	44	620	56.9	776	75.0	178	11.1	222	8.9	220	13.8	275	11.0	261	16.3	326	13.1
	45	633	58.0	791	76.5	182	11.4	227	9.1	225	14.1	282	11.3	262	16.3	327	13.1
	46	646	59.2	808	78.1	186	11.6	232	9.3	230	14.4	287	11.5	267	16.7	334	13.4
	48	673	61.7	842	81.3	194	12.1	242	9.7	239	15.0	299	12.0	279	17.4	348	13.9
	50	701	64.3	876	84.7	202	12.6	253	10.1	249	15.6	312	12.5	290	18.1	363	14.5
105	40	549	50.4	687	66.4	156	9.8	195	7.8	194	12.1	243	9.7	225	14.0	281	11.2
	42	573	52.5	716	69.3	163	10.2	204	8.2	203	12.7	253	10.1	235	14.7	294	11.7
	44	598	54.8	747	72.2	170	10.6	213	8.5	211	13.2	264	10.6	245	15.3	307	12.3
	45	610	55.9	763	73.7	174	10.9	218	8.7	215	13.5	269	10.8	250	15.7	313	12.5
	46	623	57.1	779	75.3	178	11.1	222	8.9	220	13.8	275	11.0	256	16.0	320	12.8
	48	649	59.5	812	78.4	185	11.6	232	9.3	229	14.3	287	11.5	267	16.7	334	13.4
	50	676	62.0	845	81.7	194	12.1	242	9.7	239	14.9	299	11.9	278	17.4	348	13.9



WATER PRESSURE DROP

MODEL		R407C															
		160-2W				180-2W				220-2W				250-2W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	311	19.4	389	15.5	352	22.0	440	17.6	439	27.5	549	22.0	507	31.7	634	25.4
	42	325	20.3	406	16.2	367	22.9	459	18.3	458	28.6	573	22.9	529	33.0	661	26.4
	44	338	21.1	423	16.9	382	23.9	478	19.1	477	29.8	597	23.9	551	34.4	689	27.5
	45	345	21.6	432	17.3	390	24.4	488	19.5	487	30.5	609	24.4	562	35.2	703	28.1
	46	352	22.0	440	17.6	398	24.9	498	19.9	497	31.1	622	24.9	574	35.9	718	28.7
	48	367	22.9	459	18.3	415	25.9	518	20.7	518	32.4	648	25.9	598	37.4	747	29.9
	50	382	23.8	477	19.1	431	27.0	539	21.6	539	33.7	673	26.9	622	38.9	777	31.1
90	40	300	18.8	375	15.0	340	21.2	425	17.0	425	26.6	531	21.2	489	30.6	612	24.5
	42	313	19.6	392	15.7	354	22.1	443	17.7	443	27.7	554	22.2	511	31.9	638	25.5
	44	327	20.4	408	16.3	369	23.1	462	18.5	462	28.9	578	23.1	532	33.3	665	26.6
	45	334	20.9	417	16.7	377	23.6	471	18.8	472	29.5	590	23.6	543	34.0	679	27.2
	46	341	21.3	426	17.0	385	24.0	481	19.2	481	30.1	602	24.1	555	34.7	694	27.7
	48	354	22.1	443	17.7	401	25.0	501	20.0	501	31.3	627	25.1	578	36.1	723	28.9
	50	369	23.1	461	18.4	417	26.1	521	20.8	522	32.6	653	26.1	602	37.6	752	30.1
95	40	289	18.0	361	14.4	327	20.4	409	16.4	410	25.6	512	20.5	471	29.4	588	23.5
	42	301	18.8	377	15.1	342	21.4	427	17.1	427	26.7	534	21.4	491	30.7	614	24.6
	44	314	19.7	393	15.7	356	22.2	445	17.8	446	27.9	558	22.3	513	32.0	641	25.6
	45	321	20.1	401	16.1	363	22.7	454	18.2	455	28.4	569	22.8	523	32.7	654	26.2
	46	328	20.5	410	16.4	371	23.2	464	18.5	465	29.1	581	23.3	534	33.4	668	26.7
	48	342	21.4	427	17.1	387	24.2	483	19.3	485	30.3	606	24.2	557	34.8	696	27.8
	50	356	22.3	445	17.8	402	25.1	503	20.1	505	31.6	631	25.3	580	36.3	725	29.0
100	40	277	17.3	347	13.9	314	19.7	393	15.7	394	24.6	493	19.7	452	28.2	564	22.6
	42	289	18.1	362	14.5	328	20.5	410	16.4	411	25.7	514	20.6	472	29.5	590	23.6
	44	302	18.9	377	15.1	342	21.4	428	17.1	429	26.8	537	21.5	492	30.7	615	24.6
	45	308	19.3	386	15.4	349	21.8	437	17.5	438	27.4	548	21.9	502	31.4	628	25.1
	46	315	19.7	394	15.8	357	22.3	446	17.8	448	28.0	559	22.4	513	32.1	641	25.7
	48	329	20.5	411	16.4	372	23.2	465	18.6	467	29.2	584	23.4	535	33.5	669	26.8
	50	342	21.4	428	17.1	387	24.2	484	19.4	487	30.4	609	24.3	558	34.9	697	27.9
105	40	265	16.6	331	13.3	301	18.8	377	15.1	377	23.6	472	18.9	431	27.0	539	21.6
	42	277	17.3	346	13.8	314	19.6	392	15.7	395	24.7	493	19.7	451	28.2	563	22.5
	44	289	18.0	361	14.4	328	20.5	410	16.4	412	25.8	515	20.6	471	29.4	588	23.5
	45	295	18.5	369	14.8	335	20.9	418	16.7	421	26.3	526	21.0	481	30.1	601	24.0
	46	301	18.8	377	15.1	342	21.4	427	17.1	430	26.9	537	21.5	491	30.7	614	24.6
	48	314	19.7	393	15.7	357	22.3	446	17.8	449	28.0	561	22.4	513	32.0	641	25.6
	50	328	20.5	410	16.4	371	23.2	464	18.6	468	29.2	585	23.4	535	33.4	668	26.7



WATER PRESSURE DROP

R407C																	
MODEL	280-2W				360-2W				420-2W				480-2W				
	COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		
	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	
85	40	576	36.0	720	28.8	755	47.2	944	37.7	878	54.9	1098	43.9	993	62.0	1241	49.6
	42	601	37.5	751	30.0	787	49.2	983	39.3	915	57.2	1144	45.8	1034	64.7	1293	51.7
	44	626	39.1	782	31.3	820	51.3	1025	41.0	954	59.6	1193	47.7	1077	67.3	1346	53.9
	45	639	39.9	798	31.9	837	52.3	1046	41.8	974	60.9	1217	48.7	1100	68.7	1375	55.0
	46	652	40.7	815	32.6	854	53.4	1067	42.7	994	62.1	1242	49.7	1122	70.1	1403	56.1
	48	678	42.4	848	33.9	889	55.6	1111	44.5	1035	64.7	1293	51.7	1168	73.0	1460	58.4
	50	706	44.1	883	35.3	926	57.9	1157	46.3	1077	67.3	1346	53.9	1216	76.0	1520	60.8
90	40	556	34.8	696	27.8	730	45.6	912	36.5	848	53.0	1060	42.4	960	60.0	1199	48.0
	42	580	36.3	725	29.0	761	47.6	951	38.1	884	55.2	1104	44.2	1000	62.5	1250	50.0
	44	604	37.8	755	30.2	793	49.6	992	39.7	921	57.6	1152	46.1	1043	65.2	1303	52.1
	45	617	38.6	771	30.8	810	50.6	1012	40.5	941	58.8	1176	47.0	1064	66.5	1330	53.2
	46	629	39.3	787	31.5	827	51.7	1033	41.3	960	60.0	1200	48.0	1086	67.9	1357	54.3
	48	656	41.0	820	32.8	861	53.8	1076	43.0	1000	62.5	1251	50.0	1130	70.7	1413	56.5
	50	683	42.7	854	34.1	897	56.0	1121	44.8	1042	65.1	1302	52.1	1177	73.6	1471	58.8
95	40	536	33.5	670	26.8	704	44.0	879	35.2	816	51.0	1020	40.8	925	57.8	1157	46.3
	42	558	34.9	698	27.9	734	45.9	918	36.7	851	53.2	1064	42.6	965	60.3	1206	48.2
	44	583	36.4	728	29.1	766	47.8	957	38.3	888	55.5	1110	44.4	1006	62.9	1258	50.3
	45	595	37.2	743	29.7	782	48.9	978	39.1	907	56.7	1133	45.3	1027	64.2	1283	51.3
	46	607	37.9	759	30.3	798	49.9	998	39.9	925	57.8	1157	46.3	1048	65.5	1310	52.4
	48	633	39.5	791	31.6	832	52.0	1040	41.6	964	60.3	1205	48.2	1092	68.2	1364	54.6
	50	659	41.2	823	32.9	867	54.2	1084	43.3	1005	62.8	1256	50.2	1137	71.0	1421	56.8
100	40	515	32.2	643	25.7	676	42.3	845	33.8	784	49.0	980	39.2	890	55.7	1113	44.5
	42	537	33.5	671	26.8	707	44.2	883	35.3	818	51.2	1023	40.9	929	58.1	1161	46.4
	44	560	35.0	700	28.0	737	46.1	922	36.9	853	53.3	1067	42.7	969	60.5	1211	48.4
	45	572	35.7	714	28.6	753	47.1	941	37.6	872	54.5	1090	43.6	989	61.8	1236	49.4
	46	584	36.5	730	29.2	769	48.1	961	38.5	890	55.7	1113	44.5	1009	63.1	1262	50.5
	48	608	38.0	760	30.4	802	50.1	1002	40.1	928	58.0	1160	46.4	1052	65.7	1315	52.6
	50	634	39.6	792	31.7	836	52.2	1045	41.8	967	60.5	1209	48.4	1095	68.5	1369	54.8
105	40	493	30.8	616	24.6	648	40.5	810	32.4	750	46.9	938	37.5	854	53.4	1068	42.7
	42	515	32.2	643	25.7	677	42.3	847	33.9	784	49.0	980	39.2	892	55.7	1115	44.6
	44	537	33.5	671	26.8	707	44.2	884	35.4	818	51.2	1023	40.9	930	58.1	1163	46.5
	45	548	34.2	685	27.4	723	45.2	903	36.1	836	52.3	1045	41.8	949	59.3	1187	47.5
	46	560	35.0	700	28.0	738	46.1	923	36.9	854	53.4	1067	42.7	970	60.6	1212	48.5
	48	584	36.5	730	29.2	770	48.1	963	38.5	891	55.7	1114	44.5	1010	63.2	1263	50.5
	50	608	38.0	760	30.4	803	50.2	1004	40.2	928	58.0	1160	46.4	1053	65.8	1316	52.6



WATER PRESSURE DROP

MODEL		R407C															
		500-4W				560-4W				720-4W				840-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	1014	42.25	1268	33.8	1152	48.01	1440	38.4	1510	62.9	1887	50.3	1757	73.2	2196	58.6
	42	1057	44.06	1322	35.25	1202	50.06	1502	40.05	1573	65.6	1967	52.4	1831	76.3	2288	61.0
	44	1102	45.91	1377	36.72	1252	52.16	1565	41.73	1640	68.3	2050	54.7	1908	79.5	2385	63.6
	45	1125	46.87	1406	37.5	1277	53.21	1596	42.57	1673	69.7	2092	55.8	1947	81.1	2434	64.9
	46	1148	47.84	1435	38.27	1303	54.31	1629	43.44	1708	71.1	2134	56.9	1988	82.8	2485	66.3
	48	1195	49.81	1494	39.85	1357	56.53	1696	45.23	1778	74.1	2223	59.3	2069	86.2	2587	68.0
	50	1244	51.83	1555	41.46	1412	58.84	1765	47.07	1852	77.2	2315	61.7	2154	89.8	2693	71.8
90	40	979	40.78	1223	32.63	1113	46.37	1391	37.09	1460	60.8	1824	48.7	1695	70.6	2119	56.5
	42	1021	42.55	1276	34.04	1160	48.34	1450	38.67	1522	63.4	1903	50.7	1767	73.6	2209	58.9
	44	1064	44.35	1331	35.48	1209	50.36	1511	40.29	1587	66.1	1983	52.9	1843	76.8	2303	61.4
	45	1087	45.28	1358	36.22	1234	51.41	1542	41.13	1620	67.5	2025	54.0	1882	78.4	2352	62.7
	46	1110	46.24	1387	36.99	1259	52.46	1574	41.97	1653	68.9	2066	55.1	1920	80.0	2400	64.0
	48	1156	48.17	1445	38.54	1312	54.68	1641	43.75	1722	71.7	2152	57.4	2001	83.4	2501	66.7
	50	1204	50.15	1504	40.12	1366	56.91	1707	45.53	1793	74.7	2242	59.8	2084	86.8	2604	69.5
95	40	941	39.23	1177	31.38	1072	44.65	1339	35.72	1407	58.6	1759	46.9	1632	68.0	2040	54.4
	42	983	40.95	1229	32.76	1117	46.54	1396	37.23	1469	61.2	1836	49.0	1702	70.9	2128	56.7
	44	1025	42.71	1281	34.17	1165	48.55	1457	38.84	1531	63.8	1914	51.0	1776	74.0	2220	59.2
	45	1046	43.6	1308	34.88	1189	49.56	1487	39.65	1564	65.2	1956	52.1	1813	75.6	2267	60.4
	46	1068	44.52	1336	35.62	1214	50.57	1517	40.45	1597	66.5	1996	53.2	1851	77.1	2314	61.7
	48	1114	46.41	1392	37.13	1265	52.71	1581	42.17	1664	69.3	2080	55.5	1929	80.4	2411	64.3
	50	1160	48.34	1450	38.67	1317	54.89	1647	43.92	1734	72.2	2167	57.8	2009	83.7	2512	67.0
100	40	903	37.63	1129	30.11	1029	42.88	1286	34.31	1353	56.4	1691	45.1	1568	65.3	1960	52.3
	42	943	39.31	1179	31.45	1074	44.73	1342	35.78	1413	58.9	1767	47.1	1637	68.2	2046	54.3
	44	984	40.99	1230	32.79	1120	46.66	1400	37.33	1475	61.4	1843	49.2	1707	71.1	2134	56.3
	45	1005	41.87	1256	33.5	1143	47.63	1429	38.1	1506	62.7	1882	50.2	1744	72.7	2180	58.1
	46	1026	42.76	1283	34.2	1167	48.64	1459	38.91	1538	64.1	1923	51.3	1781	74.2	2226	59.4
	48	1070	44.6	1338	35.68	1217	50.69	1521	40.56	1604	66.8	2005	53.5	1857	77.4	2321	61.9
	50	1116	46.49	1395	37.2	1267	52.79	1584	42.24	1671	69.6	2089	55.7	1934	80.6	2418	64.5
105	40	863	35.95	1079	28.76	986	41.08	1232	32.86	1296	54.0	1620	43.2	1500	62.5	1876	50.0
	42	901	37.55	1126	30.04	1029	42.88	1286	34.31	1355	56.4	1693	45.2	1568	65.3	1960	52.3
	44	941	39.23	1177	31.38	1074	44.73	1342	35.78	1414	58.9	1768	47.1	1637	68.2	2046	54.6
	45	962	40.07	1202	32.05	1096	45.65	1370	36.52	1445	60.2	1807	48.2	1672	69.7	2090	55.7
	46	983	40.95	1229	32.76	1120	46.66	1400	37.33	1477	61.5	1846	49.2	1708	71.2	2135	56.9
	48	1025	42.71	1281	34.17	1167	48.64	1459	38.91	1540	64.2	1925	51.3	1782	74.2	2227	59.4
	50	1069	44.56	1337	35.65	1216	50.65	1520	40.52	1607	66.9	2008	53.6	1857	77.4	2321	61.9



WATER PRESSURE DROP

MODEL		R407C											
		960-4W				1120-4W				1200-4W			
		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER		COOLER WATER		CONDENSER WATER	
		GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)	GPM	PD(ft)
85	40	1985	82.72	2482	66.18	2249	93.72	2812	74.98	2529	105.4	3161	84.3
	42	2069	86.2	2586	68.96	2343	97.64	2929	78.11	2634	109.8	3293	87.8
	44	2154	89.76	2693	71.81	2441	101.7	3052	81.38	2744	114.3	3430	91.5
	45	2199	91.64	2749	73.31	2490	103.8	3113	83.01	2799	116.6	3499	93.3
	46	2244	93.52	2806	74.82	2542	105.9	3178	84.74	2856	119.0	3570	95.2
	48	2336	97.32	2920	77.86	2645	110.2	3306	88.16	2973	123.9	3716	99.1
	50	2432	101.3	3040	81.06	2752	114.7	3440	91.74	3092	128.8	3865	103.1
90	40	1919	79.96	2399	63.97	2176	90.68	2720	72.54	2449	102.0	3061	81.6
	42	2001	83.36	2501	66.69	2268	94.52	2836	75.62	2552	106.3	3190	85.1
	44	2085	86.88	2606	69.5	2364	98.52	2956	78.82	2658	110.8	3323	88.6
	45	2128	88.68	2660	70.94	2412	100.5	3016	80.42	2713	113.0	3391	90.4
	46	2172	90.48	2714	72.38	2462	102.6	3078	82.08	2768	115.3	3460	92.3
	48	2261	94.2	2826	75.36	2564	106.8	3205	85.47	2882	120.1	3602	96.1
	50	2354	98.08	2942	78.46	2669	111.2	3336	88.96	2998	124.9	3748	99.9
95	40	1851	77.12	2314	61.7	2101	87.56	2627	70.05	2366	98.6	2958	78.9
	42	1930	80.4	2412	64.32	2192	91.32	2740	73.06	2467	102.8	3084	82.2
	44	2012	83.84	2515	67.07	2285	95.2	2856	76.16	2571	107.1	3214	85.7
	45	2053	85.56	2567	68.45	2333	97.2	2916	77.76	2624	109.3	3280	87.5
	46	2096	87.32	2620	69.86	2381	99.2	2976	79.36	2677	111.6	3347	89.2
	48	2183	90.96	2729	72.77	2480	103.3	3100	82.66	2788	116.2	3485	92.9
	50	2273	94.72	2842	75.78	2582	107.6	3228	86.08	2902	120.9	3628	96.7
100	40	1781	74.2	2226	59.36	2024	84.32	2530	67.46	2283	95.1	2854	76.1
	42	1858	77.4	2322	61.92	2112	88	2640	70.4	2381	99.2	2976	79.4
	44	1937	80.72	2422	64.58	2203	91.8	2754	73.44	2482	103.4	3102	82.7
	45	1978	82.4	2472	65.92	2249	93.72	2812	74.98	2532	105.5	3166	84.4
	46	2019	84.12	2524	67.3	2297	95.72	2872	76.58	2585	107.7	3232	86.2
	48	2103	87.64	2629	70.11	2393	99.72	2992	79.78	2693	112.2	3366	89.8
	50	2191	91.28	2738	73.02	2494	103.9	3118	83.14	2804	116.8	3505	93.5
105	40	1709	71.2	2136	56.96	1944	81	2430	64.8	2197	91.6	2747	73.2
	42	1784	74.32	2230	59.46	2029	84.56	2537	67.65	2292	95.5	2866	76.4
	44	1860	77.52	2326	62.02	2119	88.28	2648	70.62	2391	99.6	2989	79.7
	45	1899	79.12	2374	63.3	2164	90.16	2705	72.13	2441	101.7	3052	81.4
	46	1939	80.8	2424	64.64	2211	92.12	2764	73.7	2492	103.8	3115	83.1
	48	2021	84.2	2526	67.36	2305	96.04	2881	76.83	2597	108.2	3246	86.6
	50	2105	87.72	2632	70.18	2402	100.1	3002	80.06	2704	112.7	3380	90.1



WATER PRESSURE DROP

R22																
MODEL	50-1A				60-1A				70-1A				80-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION				
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH				
115	40	75	9.3	492	95	11.8	619	109	13.6	709	127	15.9	830			
	42	78	9.7	509	99	12.3	639	114	14.2	735	132	16.5	859			
	44	81	10.1	526	103	12.8	660	119	14.8	761	138	17.2	887			
	45	83	10.4	535	105	13.1	670	121	15.1	774	141	17.6	902			
	46	85	10.6	544	107	13.3	681	124	15.5	787	144	17.9	918			
	48	88	11.0	562	111	13.8	703	129	16.1	815	149	18.7	948			
	50	92	11.4	581	115	14.4	724	134	16.8	843	155	19.4	979			
120	40	72	9.0	483	91	11.4	609	104	13.0	693	122	15.2	815			
	42	75	9.3	499	95	11.9	629	109	13.6	717	127	15.9	843			
	44	78	9.7	516	99	12.4	650	114	14.2	744	132	16.5	871			
	45	80	9.9	525	101	12.6	659	116	14.5	756	135	16.9	886			
	46	81	10.2	534	103	12.8	670	118	14.8	769	138	17.2	900			
	48	85	10.6	551	107	13.4	692	124	15.4	796	144	17.9	930			
	50	88	11.0	570	111	13.9	714	129	16.1	824	149	18.7	960			
125	40	69	8.6	474	88	10.9	600	99	12.3	676	117	14.6	800			
	42	72	8.9	490	91	11.4	620	103	12.9	700	122	15.2	826			
	44	75	9.3	507	95	11.9	640	108	13.5	725	127	15.9	855			
	45	76	9.5	515	97	12.1	649	111	13.8	739	130	16.2	868			
	46	78	9.7	523	99	12.4	660	113	14.1	751	132	16.5	883			
	48	81	10.1	540	103	12.9	680	118	14.7	778	138	17.2	912			
	50	85	10.6	558	107	13.4	701	123	15.4	804	144	17.9	942			
130	40	65	8.2	464	84	10.5	590	93	11.7	658	111	13.9	782			
	42	68	8.5	479	87	10.9	609	98	12.2	682	116	14.5	809			
	44	71	8.9	496	91	11.4	629	102	12.8	706	121	15.1	837			
	45	73	9.1	505	93	11.6	638	105	13.1	719	124	15.5	851			
	46	74	9.3	512	95	11.9	649	107	13.4	732	126	15.8	864			
	48	78	9.7	529	99	12.3	669	112	14.0	757	132	16.5	893			
	50	81	10.1	547	103	12.8	690	117	14.6	784	137	17.2	923			
135	40	62	7.7	453	80	9.9	577	88	11.0	640	105	13.1	763			
	42	65	8.1	469	83	10.4	597	92	11.5	664	110	13.7	790			
	44	68	8.5	485	87	10.8	616	97	12.1	687	115	14.4	818			
	45	69	8.6	493	89	11.1	626	99	12.4	700	118	14.7	832			
	46	71	8.8	501	91	11.3	636	101	12.6	712	120	15.0	846			
	48	74	9.2	518	94	11.8	656	106	13.2	737	126	15.7	874			
	50	77	9.6	535	98	12.3	677	111	13.8	763	131	16.4	903			



WATER PRESSURE DROP

R22													
MODEL	90-1A			110-1A			125-1A			140-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	147	18.4	957	179	22.4	1156	207	25.8	1338	241	30.1	1549
	42	155	19.4	998	187	23.4	1198	216	26.9	1385	250	31.3	1600
	44	159	19.9	1019	196	24.4	1241	225	28.1	1432	261	32.6	1653
	45	162	20.3	1036	200	25.0	1263	229	28.6	1455	266	33.2	1679
	46	166	20.7	1052	204	25.5	1285	234	29.2	1481	271	33.9	1706
	48	172	21.5	1086	213	26.6	1330	243	30.4	1530	281	35.2	1761
	50	179	22.3	1120	221	27.7	1377	253	31.6	1581	292	36.5	1817
120	40	142	17.7	942	171	21.4	1128	198	24.8	1313	232	29.0	1524
	42	148	18.4	972	179	22.4	1169	207	25.9	1358	242	30.2	1575
	44	154	19.2	1003	187	23.4	1212	216	27.0	1404	251	31.4	1627
	45	157	19.6	1020	191	23.9	1233	220	27.5	1427	256	32.1	1653
	46	160	20.0	1036	195	24.4	1255	225	28.1	1452	261	32.7	1679
	48	166	20.8	1069	204	25.4	1299	234	29.2	1500	272	34.0	1733
	50	173	21.6	1102	212	26.5	1344	243	30.4	1549	282	35.3	1788
125	40	136	17.0	927	163	20.3	1100	190	23.7	1286	223	27.8	1499
	42	142	17.7	957	170	21.3	1140	198	24.8	1331	232	29.0	1548
	44	148	18.5	988	178	22.2	1181	207	25.8	1376	242	30.2	1599
	45	151	18.8	1003	182	22.7	1202	211	26.4	1399	247	30.8	1624
	46	154	19.2	1019	186	23.2	1223	216	26.9	1422	252	31.5	1650
	48	160	20.0	1051	194	24.3	1266	225	28.1	1470	262	32.7	1703
	50	166	20.8	1084	203	25.3	1311	234	29.2	1518	272	34.0	1757
130	40	130	16.3	910	154	19.2	1070	181	22.6	1258	213	26.6	1471
	42	136	17.0	940	161	20.1	1110	189	23.6	1302	222	27.8	1520
	44	142	17.7	970	169	21.1	1150	197	24.7	1346	232	29.0	1569
	45	145	18.1	986	173	21.6	1170	202	25.2	1370	237	29.6	1594
	46	148	18.4	1002	177	22.1	1191	206	25.7	1392	242	30.2	1621
	48	154	19.2	1033	185	23.1	1234	215	26.8	1439	251	31.4	1672
	50	160	20.0	1065	193	24.1	1277	224	28.0	1486	261	32.7	1725
135	40	124	15.5	891	145	18.1	1040	171	21.4	1227	203	25.3	1440
	42	129	16.2	921	152	19.0	1078	179	22.4	1271	212	26.5	1488
	44	135	16.9	952	159	19.9	1119	188	23.4	1315	221	27.6	1538
	45	138	17.2	967	163	20.4	1138	192	24.0	1338	226	28.2	1563
	46	141	17.6	983	167	20.8	1158	196	24.5	1360	231	28.8	1589
	48	147	18.4	1014	175	21.8	1200	205	25.6	1407	240	30.0	1640
	50	153	19.1	1046	183	22.8	1242	214	26.7	1453	250	31.3	1692



WATER PRESSURE DROP

R22													
MODEL	180-1A			210-1A			240-1A			280-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	MBH
115	40	308	38.5	1978	358	44.8	2310	416	52.0	2664	463	57.9	2981
	42	322	40.2	2049	373	46.7	2389	433	54.1	2752	482	60.3	3080
	44	336	42.0	2122	389	48.6	2471	450	56.2	2842	502	62.7	3181
	45	343	42.9	2160	397	49.6	2512	459	57.3	2887	512	64.0	3233
	46	350	43.8	2199	405	50.6	2554	468	58.5	2934	522	65.3	3285
	48	365	45.6	2277	421	52.6	2640	486	60.8	3029	543	67.8	3391
	50	380	47.5	2357	438	54.7	2728	505	63.1	3126	564	70.5	3500
120	40	294	36.8	1931	344	43.0	2266	401	50.1	2622	447	55.8	2933
	42	307	38.4	2000	359	44.8	2343	417	52.1	2707	466	58.2	3031
	44	321	40.1	2072	374	46.7	2423	434	54.3	2796	485	60.6	3132
	45	328	41.0	2109	381	47.7	2463	443	55.4	2841	495	61.9	3184
	46	335	41.9	2146	389	48.7	2504	451	56.4	2886	505	63.1	3234
	48	350	43.7	2223	405	50.7	2588	469	58.7	2979	525	65.6	3339
	50	364	45.6	2301	422	52.7	2674	488	61.0	3074	546	68.3	3448
125	40	279	34.9	1882	329	41.1	2219	385	48.1	2576	429	53.7	2884
	42	292	36.6	1950	343	42.9	2296	401	50.1	2661	448	56.0	2980
	44	306	38.2	2020	358	44.8	2374	418	52.2	2748	467	58.4	3079
	45	313	39.1	2056	366	45.7	2414	426	53.3	2792	477	59.6	3132
	46	319	39.9	2092	373	46.7	2454	435	54.3	2837	487	60.8	3181
	48	334	41.7	2167	389	48.6	2536	452	56.5	2927	507	63.3	3288
	50	348	43.5	2243	405	50.6	2620	470	58.8	3021	527	65.9	3395
130	40	264	33.0	1830	313	39.2	2169	368	46.0	2525	410	51.3	2824
	42	277	34.6	1897	327	40.9	2244	384	48.0	2612	429	53.6	2924
	44	290	36.3	1967	342	42.8	2322	400	50.0	2698	448	56.0	3022
	45	297	37.1	2002	349	43.7	2361	409	51.1	2740	458	57.2	3073
	46	303	37.9	2038	357	44.6	2401	417	52.1	2785	467	58.4	3126
	48	317	39.6	2110	372	46.5	2482	434	54.3	2873	487	60.9	3228
	50	331	41.4	2185	388	48.5	2564	452	56.5	2965	508	63.4	3333
135	40	249	31.1	1777	297	37.1	2116	350	43.8	2474	390	48.8	2757
	42	261	32.6	1843	311	38.9	2191	366	45.7	2556	409	51.1	2860
	44	274	34.2	1911	325	40.7	2268	382	47.8	2644	428	53.5	2961
	45	280	35.0	1945	332	41.6	2306	390	48.8	2685	437	54.7	3009
	46	287	35.8	1980	340	42.5	2346	398	49.8	2730	447	55.9	3060
	48	300	37.5	2051	355	44.4	2425	415	51.9	2817	466	58.3	3165
	50	314	39.2	2125	370	46.3	2506	432	54.1	2910	487	60.8	3273



WATER PRESSURE DROP

R22													
MODEL	300-1A			100-2A			120-2A			140-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	524	65.5	3367	150	11.2	984	190	14.2	1238	218	16.3	1419
	42	545	68.1	3475	156	11.7	1018	197	14.8	1279	228	17.1	1469
	44	567	70.8	3587	162	12.2	1051	205	15.4	1320	238	17.8	1522
	45	578	72.2	3642	166	12.4	1071	209	15.7	1341	242	18.2	1547
	46	589	73.6	3702	169	12.7	1087	213	16.0	1361	248	18.6	1575
	48	612	76.4	3816	176	13.2	1123	222	16.6	1405	258	19.3	1630
	50	635	79.4	3936	183	13.7	1161	230	17.2	1449	269	20.2	1686
120	40	507	63.3	3322	144	10.8	966	182	13.7	1219	208	15.6	1386
	42	527	65.9	3429	150	11.2	998	190	14.2	1259	217	16.3	1434
	44	549	68.6	3539	156	11.7	1032	198	14.8	1300	227	17.0	1487
	45	560	69.9	3597	159	11.9	1049	202	15.1	1319	232	17.4	1513
	46	571	71.3	3652	163	12.2	1068	206	15.4	1340	237	17.8	1538
	48	593	74.1	3767	169	12.7	1102	214	16.0	1384	247	18.5	1593
	50	616	77.0	3885	176	13.2	1140	222	16.7	1427	257	19.3	1647
125	40	489	61.1	3276	137	10.3	947	175	13.1	1200	198	14.8	1352
	42	509	63.6	3381	143	10.7	979	183	13.7	1239	207	15.5	1401
	44	530	66.2	3490	150	11.2	1013	190	14.3	1279	216	16.2	1450
	45	541	67.6	3547	153	11.5	1030	194	14.5	1298	221	16.6	1477
	46	552	68.9	3601	156	11.7	1047	198	14.8	1319	226	16.9	1502
	48	574	71.7	3715	162	12.2	1081	206	15.4	1361	236	17.7	1555
	50	596	74.5	3831	169	12.7	1117	214	16.0	1403	246	18.4	1608
130	40	469	58.7	3224	131	9.8	928	168	12.6	1179	187	14.0	1317
	42	490	61.2	3329	136	10.2	958	175	13.1	1217	196	14.7	1364
	44	510	63.8	3440	143	10.7	992	182	13.7	1257	205	15.4	1413
	45	521	65.1	3493	146	10.9	1010	186	13.9	1276	210	15.7	1438
	46	532	66.4	3549	149	11.2	1024	190	14.2	1297	214	16.1	1463
	48	553	69.2	3661	155	11.6	1058	198	14.8	1337	224	16.8	1514
	50	576	71.9	3779	162	12.1	1094	206	15.4	1379	234	17.5	1568
135	40	---	---	---	124	9.3	906	159	11.9	1155	176	13.2	1281
	42	---	---	---	130	9.7	938	166	12.5	1194	184	13.8	1327
	44	---	---	---	136	10.2	970	174	13.0	1232	193	14.5	1375
	45	---	---	---	138	10.4	985	178	13.3	1253	198	14.8	1400
	46	---	---	---	142	10.6	1003	181	13.6	1272	202	15.2	1424
	48	---	---	---	148	11.1	1037	189	14.2	1312	212	15.9	1475
	50	---	---	---	154	11.6	1071	197	14.8	1354	222	16.6	1526



WATER PRESSURE DROP

R22													
MODEL		160-2A			180-2A			220-2A			250-2A		
		COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH
115	40	254	19.0	1661	294	22.1	1913	359	26.9	2312	413	31.0	2677
	42	265	19.9	1718	310	23.3	1995	375	28.1	2396	431	32.3	2770
	44	275	20.7	1775	318	23.9	2038	391	29.3	2482	449	33.7	2864
	45	281	21.1	1804	325	24.4	2071	399	30.0	2526	458	34.3	2910
	46	287	21.5	1836	331	24.8	2105	408	30.6	2570	467	35.1	2961
	48	299	22.4	1897	344	25.8	2171	425	31.9	2660	486	36.5	3060
	50	310	23.3	1958	357	26.8	2239	443	33.2	2753	505	37.9	3161
120	40	244	18.3	1630	283	21.3	1884	342	25.7	2257	397	29.7	2626
	42	254	19.1	1687	295	22.1	1944	358	26.8	2339	414	31.0	2716
	44	265	19.9	1741	307	23.0	2007	374	28.0	2423	431	32.4	2809
	45	270	20.3	1771	313	23.5	2040	382	28.6	2465	440	33.0	2855
	46	276	20.7	1801	319	24.0	2071	390	29.3	2509	449	33.7	2903
	48	287	21.5	1859	332	24.9	2138	407	30.5	2598	468	35.1	3000
	50	299	22.4	1921	345	25.9	2205	424	31.8	2689	487	36.5	3099
125	40	233	17.5	1599	272	20.4	1853	325	24.4	2200	379	28.5	2573
	42	243	18.2	1652	284	21.3	1914	340	25.5	2280	396	29.7	2661
	44	254	19.0	1709	295	22.2	1975	356	26.7	2362	413	31.0	2752
	45	259	19.4	1737	301	22.6	2007	364	27.3	2404	422	31.7	2799
	46	265	19.9	1766	307	23.1	2038	372	27.9	2446	431	32.3	2845
	48	275	20.7	1823	320	24.0	2103	388	29.1	2533	449	33.7	2940
	50	287	21.5	1885	333	25.0	2169	405	30.4	2621	467	35.1	3037
130	40	222	16.6	1565	260	19.5	1820	307	23.1	2141	361	27.1	2517
	42	232	17.4	1618	271	20.4	1879	322	24.2	2220	378	28.3	2603
	44	242	18.2	1673	283	21.2	1940	337	25.3	2300	395	29.6	2693
	45	248	18.6	1701	289	21.7	1971	345	25.9	2341	403	30.3	2740
	46	253	19.0	1728	295	22.1	2003	353	26.5	2383	412	30.9	2784
	48	263	19.8	1786	307	23.0	2066	369	27.7	2467	429	32.2	2877
	50	275	20.6	1845	319	24.0	2131	385	28.9	2554	447	33.6	2972
135	40	210	15.7	1526	248	18.6	1782	289	21.7	2080	342	25.7	2454
	42	220	16.5	1580	259	19.4	1842	303	22.8	2156	359	26.9	2542
	44	230	17.3	1636	270	20.3	1904	318	23.9	2237	375	28.1	2630
	45	236	17.7	1664	276	20.7	1934	326	24.4	2276	383	28.8	2675
	46	241	18.1	1692	282	21.1	1965	333	25.0	2317	392	29.4	2720
	48	251	18.8	1747	294	22.0	2029	349	26.2	2399	409	30.7	2813
	50	262	19.7	1807	306	22.9	2092	365	27.4	2484	427	32.0	2907



WATER PRESSURE DROP

R22													
MODEL	280-2A			360-2A			420-2A			480-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	481	36.1	3099	616	46.2	3955	717	53.7	4620	831	62.3	5329
	42	501	37.6	3200	643	48.3	4098	747	56.0	4777	865	64.9	5505
	44	521	39.1	3306	671	50.3	4244	778	58.3	4941	900	67.5	5684
	45	531	39.9	3358	686	51.4	4320	793	59.5	5023	917	68.8	5774
	46	542	40.6	3412	701	52.5	4398	809	60.7	5107	935	70.1	5868
	48	563	42.2	3522	730	54.8	4553	842	63.2	5280	972	72.9	6058
	50	585	43.8	3634	760	57.0	4713	876	65.7	5456	1009	75.7	6252
120	40	464	34.8	3049	588	44.1	3861	688	51.6	4531	801	60.1	5244
	42	483	36.2	3149	615	46.1	3999	717	53.8	4687	834	62.6	5414
	44	503	37.7	3253	642	48.2	4144	748	56.1	4846	868	65.1	5591
	45	513	38.5	3305	656	49.2	4218	763	57.2	4926	886	66.4	5683
	46	523	39.2	3357	670	50.3	4292	778	58.4	5008	903	67.7	5772
	48	544	40.8	3465	699	52.4	4445	810	60.8	5176	939	70.4	5959
	50	565	42.4	3575	729	54.7	4601	843	63.2	5348	975	73.1	6147
125	40	445	33.4	2997	559	41.9	3763	658	49.3	4437	769	57.7	5151
	42	464	34.8	3095	585	43.9	3900	687	51.5	4591	802	60.2	5323
	44	484	36.3	3198	612	45.9	4041	717	53.7	4747	835	62.6	5496
	45	493	37.0	3248	625	46.9	4113	732	54.9	4827	852	63.9	5584
	46	503	37.8	3300	639	47.9	4184	747	56.0	4908	869	65.2	5674
	48	524	39.3	3406	667	50.0	4334	778	58.4	5072	904	67.8	5854
	50	545	40.8	3514	696	52.2	4486	810	60.8	5240	940	70.5	6042
130	40	426	32.0	2942	529	39.6	3660	627	47.0	4338	736	55.2	5051
	42	445	33.3	3039	554	41.5	3794	655	49.1	4489	768	57.6	5225
	44	463	34.8	3138	580	43.5	3934	684	51.3	4644	800	60.0	5395
	45	473	35.5	3189	593	44.5	4003	699	52.4	4722	817	61.3	5479
	46	483	36.2	3241	607	45.5	4075	714	53.6	4802	834	62.6	5570
	48	503	37.7	3343	634	47.6	4220	745	55.8	4963	868	65.1	5747
	50	523	39.2	3450	663	49.7	4370	776	58.2	5128	903	67.7	5930
135	40	405	30.4	2880	497	37.3	3554	594	44.5	4231	700	52.5	4948
	42	423	31.8	2976	522	39.1	3686	622	46.6	4381	732	54.9	5113
	44	442	33.2	3076	547	41.1	3823	651	48.8	4536	764	57.3	5288
	45	452	33.9	3127	560	42.0	3891	665	49.9	4612	780	58.5	5370
	46	461	34.6	3178	573	43.0	3961	680	51.0	4691	797	59.8	5459
	48	481	36.0	3279	600	45.0	4103	710	53.2	4851	830	62.3	5634
	50	501	37.5	3384	628	47.1	4250	740	55.5	5012	865	64.9	5820



WATER PRESSURE DROP

R22													
MODEL	560-2A			600-2A			200-4A			240-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	926	69.5	5962	1048	78.6	6733	299	13.7	1968	379	17.4	2477
	42	965	72.4	6160	1090	81.7	6950	312	14.3	2036	394	18.1	2557
	44	1004	75.3	6362	1133	85.0	7175	325	14.9	2103	410	18.8	2640
	45	1024	76.8	6465	1155	86.6	7285	332	15.2	2141	418	19.2	2681
	46	1044	78.3	6570	1178	88.3	7403	338	15.5	2175	426	19.5	2722
	48	1086	81.4	6781	1223	91.7	7631	352	16.1	2247	443	20.3	2811
	50	1128	84.6	7001	1270	95.2	7872	366	16.8	2323	460	21.1	2897
120	40	893	67.0	5866	1013	76.0	6643	287	13.2	1933	365	16.7	2438
	42	931	69.8	6063	1055	79.1	6858	299	13.7	1997	380	17.4	2518
	44	970	72.8	6263	1098	82.3	7079	312	14.3	2065	396	18.1	2601
	45	990	74.2	6368	1119	83.9	7194	318	14.6	2098	403	18.5	2638
	46	1010	75.7	6468	1141	85.6	7303	325	14.9	2135	411	18.8	2679
	48	1050	78.8	6679	1186	88.9	7534	338	15.5	2203	428	19.6	2767
	50	1092	81.9	6896	1232	92.4	7771	353	16.2	2279	445	20.4	2854
125	40	858	64.4	5767	977	73.3	6552	274	12.6	1894	350	16.1	2400
	42	896	67.2	5960	1018	76.3	6763	286	13.1	1959	365	16.7	2479
	44	934	70.1	6159	1060	79.5	6980	299	13.7	2027	381	17.4	2559
	45	954	71.5	6263	1082	81.1	7094	305	14.0	2060	388	17.8	2596
	46	973	73.0	6361	1103	82.7	7202	312	14.3	2093	396	18.1	2639
	48	1014	76.0	6577	1147	86.0	7429	325	14.9	2161	412	18.9	2721
	50	1055	79.1	6790	1192	89.4	7662	338	15.5	2233	428	19.6	2806
130	40	821	61.6	5647	939	70.4	6449	261	12.0	1856	335	15.4	2358
	42	858	64.4	5847	979	73.4	6658	273	12.5	1917	349	16.0	2434
	44	896	67.2	6044	1021	76.6	6879	285	13.1	1985	365	16.7	2514
	45	915	68.6	6147	1042	78.1	6985	292	13.4	2019	372	17.0	2553
	46	935	70.1	6251	1063	79.7	7096	297	13.6	2049	380	17.4	2594
	48	974	73.1	6456	1107	83.0	7323	310	14.2	2117	395	18.1	2674
	50	1015	76.1	6667	1151	86.3	7558	324	14.8	2189	411	18.8	2758
135	40	780	58.5	5514	---	---	---	269	11.3	1812	318	14.6	2310
	42	818	61.3	5720	---	---	---	282	11.9	1876	333	15.2	2387
	44	855	64.1	5922	---	---	---	295	12.4	1940	347	15.9	2463
	45	874	65.6	6018	---	---	---	302	12.7	1971	355	16.3	2506
	46	894	67.0	6121	---	---	---	308	13.0	2005	362	16.6	2545
	48	933	70.0	6330	---	---	---	323	13.6	2073	377	17.3	2625
	50	973	73.0	6546	---	---	---	337	14.1	2142	393	18.0	2709



WATER PRESSURE DROP

R22													
MODEL		280-4A			320-4A			360-4A			440-4A		
		COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH
115	40	436	20.0	2837	508	23.3	3321	589	27.0	3826	717	32.9	4624
	42	455	20.9	2939	529	24.3	3436	621	28.4	3990	749	34.3	4791
	44	475	21.8	3044	551	25.3	3550	637	29.2	4076	782	35.8	4963
	45	485	22.2	3095	562	25.8	3608	649	29.8	4143	799	36.6	5051
	46	495	22.7	3150	574	26.3	3671	662	30.3	4209	816	37.4	5139
	48	516	23.6	3259	597	27.4	3794	688	31.5	4343	850	39.0	5321
	50	537	24.6	3372	621	28.4	3917	714	32.7	4479	885	40.6	5506
120	40	416	19.1	2772	487	22.3	3260	567	26.0	3768	685	31.4	4514
	42	434	19.9	2869	509	23.3	3373	590	27.0	3889	716	32.8	4678
	44	454	20.8	2974	529	24.3	3483	614	28.1	4013	748	34.3	4846
	45	464	21.3	3025	541	24.8	3543	627	28.7	4080	764	35.0	4930
	46	473	21.7	3076	552	25.3	3601	639	29.3	4142	780	35.8	5018
	48	494	22.7	3185	574	26.3	3719	665	30.5	4276	814	37.3	5196
	50	515	23.6	3295	597	27.4	3842	690	31.6	4409	848	38.9	5377
125	40	395	18.1	2704	466	21.4	3198	545	25.0	3706	650	29.8	4399
	42	413	18.9	2802	486	22.3	3304	568	26.0	3829	681	31.2	4559
	44	432	19.8	2899	508	23.3	3418	591	27.1	3950	712	32.6	4723
	45	442	20.3	2954	518	23.8	3473	603	27.6	4013	728	33.4	4807
	46	452	20.7	3005	529	24.3	3532	615	28.2	4076	744	34.1	4893
	48	472	21.6	3110	551	25.3	3647	640	29.3	4205	776	35.6	5065
	50	492	22.5	3216	574	26.3	3769	665	30.5	4337	810	37.1	5243
130	40	373	17.1	2633	444	20.3	3130	521	23.9	3639	615	28.2	4282
	42	391	17.9	2728	464	21.3	3237	543	24.9	3758	645	29.5	4439
	44	409	18.8	2826	485	22.2	3346	566	25.9	3880	675	30.9	4600
	45	419	19.2	2876	495	22.7	3402	578	26.5	3942	690	31.6	4681
	46	429	19.6	2927	505	23.2	3457	590	27.0	4006	706	32.4	4765
	48	448	20.5	3028	527	24.2	3572	614	28.1	4132	738	33.8	4935
	50	468	21.4	3135	549	25.2	3691	639	29.3	4261	771	35.3	5108
135	40	351	16.1	2561	420	19.2	3052	495	22.7	3565	578	26.5	4159
	42	369	16.9	2654	440	20.2	3161	517	23.7	3685	607	27.8	4313
	44	386	17.7	2749	461	21.1	3273	541	24.8	3808	637	29.2	4475
	45	396	18.1	2800	471	21.6	3327	552	25.3	3868	652	29.9	4552
	46	405	18.5	2848	481	22.1	3383	564	25.8	3930	667	30.6	4633
	48	424	19.4	2949	502	23.0	3494	588	26.9	4057	698	32.0	4799
	50	443	20.3	3052	525	24.0	3613	612	28.0	4184	730	33.5	4968



WATER PRESSURE DROP

R22													
MODEL	500-4A			560-4A			720-4A			840-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	827	37.9	5354	963	44.1	6197	1232	56.5	7911	1433	65.7	9239
	42	862	39.5	5539	1002	45.9	6400	1287	59.0	8195	1493	68.4	9554
	44	898	41.2	5729	1043	47.8	6612	1343	61.5	8489	1555	71.3	9883
	45	916	42.0	5821	1063	48.7	6716	1371	62.9	8641	1587	72.7	10047
	46	935	42.8	5922	1084	49.7	6824	1401	64.2	8795	1619	74.2	10215
	48	972	44.6	6120	1126	51.6	7043	1460	66.9	9106	1684	77.2	10559
	50	1011	46.3	6323	1169	53.6	7269	1521	69.7	9427	1751	80.3	10913
120	40	793	36.4	5251	928	42.5	6098	1176	53.9	7722	1375	63.0	9062
	42	828	37.9	5432	966	44.3	6298	1229	56.3	7999	1435	65.8	9373
	44	863	39.5	5617	1006	46.1	6506	1284	58.9	8288	1495	68.5	9692
	45	880	40.4	5709	1026	47.0	6610	1312	60.1	8436	1526	69.9	9852
	46	899	41.2	5807	1046	47.9	6714	1340	61.4	8583	1557	71.4	10016
	48	936	42.9	6000	1088	49.8	6930	1399	64.1	8890	1621	74.3	10353
	50	973	44.6	6198	1130	51.8	7151	1458	66.8	9202	1687	77.3	10697
125	40	759	34.8	5145	891	40.8	5995	1118	51.2	7526	1315	60.3	8874
	42	792	36.3	5323	928	42.6	6191	1170	53.6	7800	1374	63.0	9183
	44	827	37.9	5504	968	44.3	6396	1224	56.1	8081	1433	65.7	9495
	45	844	38.7	5597	987	45.2	6496	1251	57.3	8225	1463	67.1	9655
	46	862	39.5	5690	1007	46.1	6600	1278	58.6	8368	1494	68.5	9815
	48	898	41.2	5879	1048	48.0	6812	1335	61.2	8667	1556	71.3	10143
	50	935	42.8	6074	1089	49.9	7029	1392	63.8	8971	1620	74.3	10480
130	40	723	33.1	5033	852	39.1	5885	1057	48.5	7321	1253	57.4	8676
	42	756	34.6	5207	889	40.8	6078	1108	50.8	7588	1310	60.0	8977
	44	789	36.2	5386	927	42.5	6277	1160	53.2	7868	1368	62.7	9287
	45	807	37.0	5479	946	43.4	6377	1187	54.4	8007	1398	64.1	9445
	46	824	37.8	5567	966	44.3	6482	1214	55.6	8151	1428	65.5	9605
	48	859	39.4	5754	1005	46.1	6687	1268	58.1	8439	1489	68.2	9926
	50	895	41.0	5944	1046	47.9	6900	1325	60.7	8739	1551	71.1	10256
135	40	685	31.4	4908	811	37.2	5760	994	45.6	7107	1188	54.4	8463
	42	717	32.9	5085	847	38.8	5952	1044	47.8	7371	1244	57.0	8763
	44	750	34.4	5261	884	40.5	6152	1095	50.2	7645	1301	59.6	9071
	45	767	35.1	5350	904	41.4	6254	1120	51.3	7781	1330	61.0	9225
	46	784	35.9	5440	923	42.3	6355	1147	52.6	7921	1359	62.3	9382
	48	819	37.5	5627	961	44.1	6558	1200	55.0	8206	1419	65.1	9701
	50	854	39.1	5813	1001	45.9	6768	1255	57.5	8499	1480	67.8	10024



WATER PRESSURE DROP

MODEL		R22								
		960-4A			1120-4A			1200-4A		
		COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH
115	40	1663	76.2	10657	1853	84.9	11923	2095	96.0	13466
	42	1731	79.3	11010	1930	88.4	12321	2179	99.9	13900
	44	1799	82.5	11367	2008	92.0	12723	2266	103.9	14349
	45	1834	84.1	11548	2048	93.9	12930	2310	105.9	14569
	46	1870	85.7	11735	2089	95.7	13140	2355	107.9	14807
	48	1944	89.1	12117	2171	99.5	13562	2446	112.1	15263
	50	2018	92.5	12504	2257	103.4	14001	2540	116.4	15744
120	40	1603	73.5	10487	1786	81.9	11732	2026	92.9	13286
	42	1668	76.5	10829	1862	85.4	12125	2110	96.7	13716
	44	1736	79.6	11182	1940	88.9	12527	2195	100.6	14157
	45	1771	81.2	11365	1979	90.7	12736	2238	102.6	14387
	46	1806	82.8	11544	2019	92.5	12936	2282	104.6	14607
	48	1878	86.1	11917	2101	96.3	13358	2372	108.7	15068
	50	1950	89.4	12295	2185	100.1	13791	2464	112.9	15542
125	40	1539	70.5	10303	1717	78.7	11534	1954	89.6	13104
	42	1604	73.5	10645	1791	82.1	11920	2036	93.3	13526
	44	1671	76.6	10992	1868	85.6	12317	2120	97.2	13959
	45	1704	78.1	11167	1907	87.4	12527	2163	99.1	14189
	46	1739	79.7	11347	1946	89.2	12723	2206	101.1	14405
	48	1808	82.9	11709	2027	92.9	13154	2294	105.2	14858
	50	1880	86.2	12084	2110	96.7	13579	2385	109.3	15324
130	40	1471	67.4	10102	1642	75.2	11295	1878	86.1	12898
	42	1535	70.4	10449	1716	78.7	11694	1958	89.8	13315
	44	1601	73.4	10791	1792	82.1	12088	2042	93.6	13758
	45	1635	74.9	10959	1830	83.9	12293	2084	95.5	13970
	46	1668	76.5	11140	1870	85.7	12503	2126	97.5	14196
	48	1736	79.6	11494	1949	89.3	12912	2214	101.5	14645
	50	1806	82.8	11859	2030	93.1	13334	2302	105.5	15117
135	40	1400	64.2	9896	1561	71.5	11028	---	---	---
	42	1463	67.1	10226	1635	75.0	11441	---	---	---
	44	1528	70.0	10577	1711	78.4	11844	---	---	---
	45	1561	71.5	10741	1749	80.2	12036	---	---	---
	46	1594	73.0	10919	1787	81.9	12241	---	---	---
	48	1661	76.1	11268	1866	85.5	12660	---	---	---
	50	1730	79.3	11639	1946	89.2	13091	---	---	---



WATER PRESSURE DROP

R134a													
MODEL	50-1A				60-1A			70-1A			80-1A		
	COOLER WATER		HEAT REJECTION	MBH	COOLER WATER		HEAT REJECTION	MBH	COOLER WATER		HEAT REJECTION	MBH	
	GPM	PD(ft)	GPM		PD(ft)	GPM	PD(ft)		GPM	PD(ft)			
115	40	71	8.9	467	85	10.7	550	95	11.9	616	120	15.0	766
	42	75	9.4	486	89	11.2	571	100	12.5	640	126	15.7	796
	44	79	9.8	506	94	11.7	593	105	13.1	665	132	16.4	827
	45	81	10.1	516	96	12.0	604	107	13.4	677	135	16.8	843
	46	83	10.3	526	98	12.2	616	109	13.7	690	138	17.2	859
	48	87	10.8	547	103	12.8	640	114	14.3	717	144	18.0	892
	50	91	11.3	568	107	13.4	663	120	14.9	744	151	18.8	926
120	40	68	8.5	455	82	10.2	538	92	11.4	605	115	14.4	752
	42	71	8.9	473	86	10.7	559	96	12.0	628	121	15.1	781
	44	75	9.4	492	90	11.2	581	100	12.5	651	126	15.8	811
	45	77	9.6	502	92	11.5	591	103	12.8	664	129	16.2	826
	46	79	9.8	512	94	11.7	603	105	13.1	677	132	16.5	842
	48	83	10.3	532	98	12.3	625	110	13.7	702	139	17.3	874
	50	87	10.8	553	103	12.9	649	115	14.4	728	145	18.1	907
125	40	64	8.0	443	78	9.7	526	88	10.9	593	110	13.8	738
	42	68	8.5	461	82	10.2	546	92	11.5	615	116	14.4	766
	44	71	8.9	479	86	10.7	567	96	12.0	639	121	15.1	795
	45	73	9.1	488	88	10.9	577	98	12.3	650	124	15.5	810
	46	75	9.3	498	90	11.2	589	101	12.6	663	127	15.9	825
	48	79	9.8	518	94	11.7	611	105	13.2	687	133	16.6	857
	50	82	10.3	538	98	12.3	633	110	13.8	714	139	17.4	889
130	40	61	7.6	431	74	9.2	514	84	10.4	582	105	13.1	724
	42	64	8.0	448	78	9.7	534	88	10.9	603	110	13.8	751
	44	67	8.4	466	81	10.2	554	92	11.5	627	116	14.5	780
	45	69	8.6	474	83	10.4	564	94	11.7	637	119	14.8	795
	46	71	8.8	484	85	10.7	575	96	12.0	650	122	15.2	809
	48	74	9.3	503	90	11.2	596	101	12.6	673	128	15.9	840
	50	78	9.7	522	94	11.7	618	106	13.2	699	134	16.7	871
135	40	57	7.1	419	70	8.7	501	79	9.9	571	100	12.5	712
	42	60	7.5	436	73	9.1	520	83	10.4	593	105	13.2	739
	44	63	7.9	453	77	9.6	540	88	10.9	615	111	13.8	765
	45	65	8.1	461	79	9.9	551	90	11.2	625	113	14.2	780
	46	67	8.3	469	81	10.1	561	92	11.5	637	116	14.5	794
	48	70	8.7	487	85	10.6	582	96	12.0	660	122	15.2	823
	50	74	9.2	507	89	11.1	604	101	12.6	685	128	16.0	854



WATER PRESSURE DROP

R134a													
MODEL	90-1A			110-1A			125-1A			140-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	137	17.1	875	160	20.0	1025	180	22.4	1147	206	25.8	1307
	42	143	17.9	909	167	20.9	1062	188	23.5	1192	216	27.0	1358
	44	150	18.7	945	175	21.9	1102	197	24.6	1239	226	28.3	1410
	45	153	19.2	962	179	22.4	1122	202	25.2	1263	231	28.9	1436
	46	157	19.6	981	183	22.9	1142	206	25.8	1287	236	29.5	1463
	48	164	20.5	1018	191	23.9	1184	216	27.0	1337	247	30.9	1519
	50	172	21.4	1057	200	24.9	1227	226	28.2	1389	258	32.3	1575
120	40	131	16.4	857	154	19.2	1008	172	21.5	1124	199	24.8	1284
	42	137	17.2	891	161	20.1	1045	181	22.6	1168	208	26.0	1333
	44	144	18.0	925	169	21.1	1084	190	23.7	1214	218	27.2	1383
	45	147	18.4	943	173	21.6	1103	194	24.2	1237	223	27.8	1409
	46	151	18.8	960	176	22.0	1123	199	24.8	1261	228	28.4	1435
	48	158	19.7	997	184	23.0	1163	208	26.0	1310	238	29.8	1489
	50	165	20.6	1035	193	24.1	1206	217	27.2	1360	249	31.1	1544
125	40	125	15.6	839	148	18.5	993	165	20.6	1101	191	23.8	1262
	42	131	16.4	871	155	19.4	1028	173	21.6	1144	200	24.9	1308
	44	138	17.2	905	162	20.3	1065	182	22.7	1188	209	26.1	1357
	45	141	17.6	922	166	20.7	1085	186	23.2	1211	214	26.7	1382
	46	144	18.0	939	170	21.2	1104	190	23.8	1234	219	27.3	1408
	48	151	18.9	975	178	22.2	1144	200	24.9	1283	229	28.6	1460
	50	158	19.8	1012	186	23.2	1185	209	26.1	1332	239	29.9	1514
130	40	119	14.9	821	142	17.7	976	157	19.7	1078	182	22.8	1239
	42	125	15.6	852	149	18.6	1011	165	20.7	1120	191	23.9	1285
	44	131	16.4	884	156	19.4	1047	174	21.7	1163	200	25.0	1333
	45	135	16.8	901	159	19.9	1066	178	22.2	1185	205	25.6	1357
	46	138	17.2	918	163	20.3	1084	182	22.8	1208	210	26.2	1381
	48	145	18.1	953	170	21.3	1123	191	23.9	1255	220	27.4	1432
	50	151	18.9	989	178	22.3	1163	200	25.0	1303	230	28.7	1484
135	40	113	14.1	803	135	16.9	960	150	18.7	1054	174	21.8	1218
	42	119	14.9	834	142	17.7	994	157	19.7	1096	183	22.8	1262
	44	125	15.6	865	149	18.6	1029	165	20.7	1138	191	23.9	1308
	45	128	16.0	881	152	19.0	1048	170	21.2	1160	196	24.5	1332
	46	131	16.4	897	156	19.5	1066	174	21.7	1182	201	25.1	1356
	48	138	17.2	931	163	20.4	1103	182	22.8	1228	210	26.2	1405
	50	144	18.0	966	171	21.3	1142	191	23.9	1275	220	27.5	1456



WATER PRESSURE DROP

R134a													
MODEL	180-1A			210-1A			240-1A			100-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	276	34.5	1762	308	38.5	1964	351	43.9	2225	143	10.7	934
	42	289	36.1	1827	322	40.3	2041	367	45.9	2310	150	11.2	972
	44	302	37.8	1894	338	42.2	2122	384	48.1	2397	158	11.8	1012
	45	309	38.6	1928	345	43.2	2163	393	49.2	2443	161	12.1	1031
	46	316	39.5	1964	353	44.2	2204	402	50.3	2488	165	12.4	1052
	48	330	41.2	2035	370	46.2	2290	420	52.5	2583	173	13.0	1094
	50	344	43.0	2110	386	48.3	2379	439	54.9	2679	181	13.6	1136
120	40	266	33.2	1733	295	36.9	1925	338	42.2	2184	136	10.2	911
	42	278	34.8	1796	310	38.7	2001	354	44.2	2267	143	10.7	947
	44	291	36.4	1862	324	40.6	2078	370	46.3	2352	150	11.2	985
	45	298	37.2	1896	332	41.5	2118	378	47.3	2396	154	11.5	1003
	46	304	38.0	1930	340	42.5	2160	387	48.4	2440	158	11.8	1025
	48	318	39.8	2000	356	44.5	2243	405	50.6	2532	165	12.4	1065
	50	332	41.5	2073	372	46.5	2330	423	52.9	2627	173	13.0	1107
125	40	255	31.9	1704	282	35.3	1885	324	40.5	2146	129	9.7	885
	42	267	33.4	1767	296	37.1	1959	339	42.4	2226	136	10.2	921
	44	280	35.0	1831	311	38.9	2036	355	44.4	2309	142	10.7	958
	45	286	35.8	1864	318	39.8	2074	364	45.5	2351	146	10.9	976
	46	293	36.6	1896	326	40.8	2114	372	46.5	2395	150	11.2	996
	48	306	38.3	1965	342	42.7	2197	389	48.6	2483	157	11.8	1036
	50	320	40.0	2036	358	44.7	2281	407	50.9	2575	165	12.4	1076
130	40	245	30.6	1677	269	33.7	1846	310	38.8	2107	122	9.1	862
	42	256	32.0	1737	283	35.4	1918	325	40.6	2186	128	9.6	896
	44	268	33.5	1799	297	37.2	1992	341	42.6	2267	135	10.1	932
	45	275	34.3	1831	304	38.1	2030	348	43.6	2307	138	10.3	949
	46	281	35.1	1863	312	39.0	2069	357	44.6	2350	142	10.6	968
	48	294	36.8	1931	327	40.9	2149	373	46.7	2436	149	11.2	1006
	50	307	38.4	1999	343	42.9	2232	390	48.8	2525	156	11.7	1044
135	40	234	29.2	1648	256	32.0	1806	296	37.0	2071	114	8.5	837
	42	245	30.6	1707	269	33.7	1877	311	38.8	2148	120	9.0	871
	44	257	32.1	1768	283	35.4	1950	326	40.7	2226	127	9.5	906
	45	263	32.9	1799	290	36.3	1987	333	41.7	2265	130	9.7	922
	46	269	33.6	1831	297	37.2	2025	341	42.6	2306	133	10.0	939
	48	282	35.2	1897	312	39.0	2102	357	44.6	2389	140	10.5	975
	50	295	36.8	1962	327	40.9	2182	374	46.7	2477	147	11.0	1014



WATER PRESSURE DROP

R134a													
MODEL	120-2A			140-2A			160-2A			180-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	171	12.8	1100	191	14.3	1232	240	18.0	1532	273	20.5	1750
	42	179	13.4	1142	200	15.0	1281	251	18.8	1592	286	21.5	1819
	44	187	14.0	1186	209	15.7	1330	263	19.7	1654	300	22.5	1889
	45	192	14.4	1209	214	16.0	1355	269	20.2	1685	307	23.0	1925
	46	196	14.7	1232	219	16.4	1380	275	20.7	1718	314	23.5	1962
	48	205	15.4	1280	229	17.2	1433	288	21.6	1785	328	24.6	2037
	50	214	16.1	1327	239	17.9	1488	301	22.6	1853	343	25.7	2113
120	40	163	12.2	1076	183	13.7	1209	230	17.2	1503	262	19.6	1714
	42	171	12.8	1118	192	14.4	1256	241	18.1	1561	275	20.6	1781
	44	180	13.5	1161	201	15.1	1303	253	19.0	1621	288	21.6	1850
	45	184	13.8	1182	206	15.4	1328	259	19.4	1652	295	22.1	1885
	46	188	14.1	1205	210	15.8	1353	265	19.9	1683	301	22.6	1920
	48	197	14.8	1251	220	16.5	1404	277	20.8	1747	315	23.7	1993
	50	206	15.4	1299	230	17.2	1457	290	21.7	1813	330	24.8	2070
125	40	156	11.7	1052	175	13.1	1186	220	16.5	1476	250	18.8	1678
	42	163	12.2	1092	184	13.8	1230	231	17.3	1532	263	19.7	1743
	44	171	12.8	1134	192	14.4	1277	242	18.2	1590	275	20.7	1810
	45	175	13.1	1155	197	14.8	1300	248	18.6	1620	282	21.1	1843
	46	180	13.5	1178	202	15.1	1326	254	19.0	1650	289	21.7	1878
	48	188	14.1	1222	211	15.8	1374	266	20.0	1714	302	22.7	1949
	50	197	14.8	1267	221	16.6	1427	279	20.9	1778	317	23.8	2024
130	40	148	11.1	1028	167	12.5	1164	210	15.8	1449	238	17.9	1641
	42	155	11.6	1067	175	13.1	1207	221	16.6	1502	250	18.8	1704
	44	163	12.2	1107	184	13.8	1254	232	17.4	1560	263	19.7	1769
	45	167	12.5	1128	188	14.1	1275	238	17.8	1589	269	20.2	1802
	46	171	12.8	1149	193	14.5	1300	243	18.2	1618	275	20.7	1836
	48	179	13.4	1193	202	15.1	1347	255	19.1	1680	289	21.7	1906
	50	188	14.1	1237	211	15.8	1398	267	20.0	1742	303	22.7	1977
135	40	139	10.4	1002	159	11.9	1143	200	15.0	1424	226	17.0	1607
	42	146	11.0	1040	167	12.5	1185	211	15.8	1478	238	17.8	1667
	44	154	11.5	1080	175	13.1	1229	221	16.6	1531	250	18.7	1730
	45	158	11.8	1101	179	13.4	1251	227	17.0	1560	256	19.2	1762
	46	162	12.1	1122	184	13.8	1274	232	17.4	1589	262	19.7	1795
	48	170	12.7	1164	192	14.4	1321	244	18.3	1646	275	20.6	1862
	50	178	13.4	1208	202	15.1	1369	255	19.2	1708	289	21.7	1932



WATER PRESSURE DROP

R134a													
MODEL	220-2A			250-2A			280-2A			360-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	320	24.0	2049	359	26.9	2293	413	30.9	2615	552	41.4	3524
	42	335	25.1	2125	376	28.2	2383	432	32.4	2716	578	43.3	3654
	44	350	26.3	2205	394	29.6	2478	452	33.9	2820	604	45.3	3789
	45	358	26.8	2243	403	30.3	2526	462	34.7	2872	617	46.3	3856
	46	366	27.4	2284	413	30.9	2575	473	35.4	2926	631	47.4	3928
	48	382	28.7	2367	431	32.4	2673	494	37.1	3037	659	49.5	4070
	50	399	29.9	2453	451	33.9	2778	516	38.7	3150	689	51.6	4220
120	40	308	23.1	2017	345	25.8	2247	397	29.8	2568	531	39.9	3466
	42	322	24.2	2090	361	27.1	2335	416	31.2	2666	556	41.7	3593
	44	337	25.3	2167	379	28.4	2428	435	32.6	2766	582	43.7	3725
	45	345	25.9	2207	388	29.1	2474	445	33.4	2817	595	44.7	3792
	46	353	26.4	2245	397	29.8	2523	455	34.1	2869	609	45.6	3859
	48	369	27.6	2327	415	31.2	2619	476	35.7	2978	636	47.7	4001
	50	385	28.9	2413	435	32.6	2720	497	37.3	3088	665	49.8	4145
125	40	296	22.2	1985	330	24.7	2201	381	28.6	2523	510	38.3	3408
	42	310	23.2	2057	346	26.0	2288	399	29.9	2617	535	40.1	3533
	44	324	24.3	2130	363	27.2	2376	418	31.3	2714	560	42.0	3662
	45	332	24.9	2169	372	27.9	2423	427	32.1	2764	573	42.9	3727
	46	339	25.5	2208	381	28.5	2469	437	32.8	2816	585	43.9	3793
	48	355	26.6	2287	399	29.9	2565	457	34.3	2919	612	45.9	3929
	50	371	27.8	2369	418	31.3	2663	479	35.9	3029	640	48.0	4072
130	40	283	21.2	1951	315	23.6	2155	365	27.3	2478	489	36.7	3353
	42	297	22.3	2023	331	24.8	2240	382	28.7	2570	513	38.4	3474
	44	311	23.3	2095	347	26.0	2326	401	30.0	2666	537	40.2	3597
	45	318	23.9	2131	355	26.7	2371	410	30.7	2714	549	41.2	3663
	46	325	24.4	2168	364	27.3	2417	419	31.5	2763	562	42.1	3726
	48	341	25.5	2246	382	28.6	2509	439	32.9	2865	588	44.1	3861
	50	356	26.7	2326	400	30.0	2605	459	34.4	2968	615	46.1	3998
135	40	271	20.3	1921	299	22.4	2109	348	26.1	2436	467	35.0	3296
	42	284	21.3	1989	315	23.6	2191	365	27.4	2524	490	36.7	3413
	44	297	22.3	2058	331	24.8	2276	383	28.7	2616	514	38.5	3536
	45	305	22.9	2096	339	25.4	2320	392	29.4	2664	526	39.4	3599
	46	312	23.4	2132	347	26.1	2365	401	30.1	2712	538	40.4	3662
	48	326	24.5	2206	365	27.3	2456	420	31.5	2809	563	42.3	3795
	50	341	25.6	2284	383	28.7	2550	439	33.0	2911	589	44.2	3925



WATER PRESSURE DROP

R134a													
MODEL		420-2A			480-2A			200-4A			240-4A		
		COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH
115	40	615	46.2	3929	702	52.7	4449	285	13.1	1869	341	15.7	2200
	42	645	48.3	4082	735	55.1	4620	300	13.7	1945	357	16.4	2284
	44	675	50.6	4244	769	57.7	4795	315	14.4	2025	374	17.2	2371
	45	691	51.8	4326	786	59.0	4886	322	14.8	2062	383	17.6	2418
	46	707	53.0	4408	804	60.3	4977	330	15.1	2105	392	18.0	2463
	48	739	55.4	4581	840	63.0	5165	346	15.9	2189	410	18.8	2559
	50	773	58.0	4758	878	65.9	5358	362	16.6	2271	429	19.6	2654
120	40	591	44.3	3850	675	50.6	4369	272	12.5	1821	326	15.0	2152
	42	619	46.5	4001	707	53.0	4535	285	13.1	1893	342	15.7	2236
	44	649	48.7	4157	740	55.5	4705	300	13.7	1969	359	16.5	2322
	45	664	49.8	4237	757	56.8	4792	307	14.1	2007	367	16.8	2364
	46	680	51.0	4319	774	58.1	4881	315	14.4	2049	376	17.2	2410
	48	712	53.4	4487	810	60.7	5064	330	15.1	2129	393	18.0	2501
	50	745	55.8	4659	846	63.5	5254	346	15.9	2213	412	18.9	2597
125	40	565	42.4	3770	648	48.6	4292	257	11.8	1771	311	14.3	2104
	42	593	44.5	3918	679	50.9	4452	271	12.4	1843	326	15.0	2184
	44	622	46.7	4071	711	53.3	4618	285	13.0	1915	342	15.7	2267
	45	637	47.8	4149	727	54.5	4702	292	13.4	1952	350	16.1	2310
	46	652	48.9	4229	744	55.8	4790	299	13.7	1991	359	16.5	2355
	48	683	51.2	4393	778	58.4	4965	314	14.4	2071	376	17.2	2443
	50	716	53.7	4562	814	61.0	5149	329	15.1	2151	393	18.0	2534
130	40	539	40.4	3691	620	46.5	4214	243	11.1	1724	295	13.5	2056
	42	566	42.5	3835	650	48.8	4371	256	11.7	1792	310	14.2	2134
	44	595	44.6	3985	681	51.1	4533	269	12.4	1864	325	14.9	2215
	45	609	45.7	4061	697	52.3	4615	276	12.6	1897	333	15.3	2256
	46	624	46.8	4139	713	53.5	4699	283	13.0	1936	341	15.7	2299
	48	654	49.1	4298	747	56.0	4871	297	13.6	2012	358	16.4	2385
	50	686	51.4	4464	781	58.6	5049	312	14.3	2088	375	17.2	2473
135	40	512	38.4	3611	592	44.4	4143	228	10.4	1675	278	12.8	2005
	42	539	40.4	3753	621	46.6	4296	241	11.0	1743	293	13.4	2081
	44	567	42.5	3899	651	48.9	4452	253	11.6	1811	308	14.1	2161
	45	581	43.5	3973	667	50.0	4531	260	11.9	1844	316	14.5	2202
	46	595	44.6	4050	682	51.2	4612	266	12.2	1878	324	14.8	2243
	48	625	46.8	4205	714	53.6	4778	280	12.8	1950	340	15.6	2327
	50	655	49.1	4364	748	56.1	4953	294	13.5	2027	357	16.3	2416



WATER PRESSURE DROP

R134a													
MODEL	280-4A			320-4A			360-4A			440-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	381	17.5	2464	479	22.0	3064	546	25.0	3500	640	29.3	4099
	42	400	18.3	2562	502	23.0	3184	573	26.2	3637	669	30.7	4249
	44	418	19.2	2659	526	24.1	3308	600	27.5	3779	701	32.1	4409
	45	428	19.6	2710	538	24.7	3371	613	28.1	3849	716	32.8	4487
	46	437	20.0	2761	551	25.3	3436	628	28.8	3924	732	33.5	4568
	48	457	21.0	2866	577	26.4	3570	657	30.1	4073	764	35.0	4735
	50	478	21.9	2976	603	27.6	3706	686	31.4	4227	798	36.6	4907
120	40	366	16.8	2418	460	21.1	3006	524	24.0	3429	616	28.2	4033
	42	384	17.6	2512	482	22.1	3123	549	25.2	3562	645	29.5	4180
	44	401	18.4	2605	505	23.2	3243	576	26.4	3700	675	30.9	4335
	45	411	18.8	2656	517	23.7	3304	589	27.0	3770	690	31.6	4413
	46	421	19.3	2707	529	24.3	3367	603	27.6	3841	705	32.3	4491
	48	440	20.2	2808	554	25.4	3495	631	28.9	3986	737	33.8	4653
	50	460	21.1	2914	580	26.6	3627	661	30.3	4140	771	35.3	4825
125	40	350	16.1	2371	441	20.2	2951	501	22.9	3356	592	27.1	3971
	42	367	16.8	2461	462	21.2	3064	525	24.1	3486	620	28.4	4113
	44	385	17.6	2554	485	22.2	3180	551	25.3	3619	649	29.7	4260
	45	393	18.0	2601	497	22.8	3241	564	25.8	3686	664	30.4	4339
	46	403	18.5	2652	508	23.3	3300	577	26.5	3757	679	31.1	4416
	48	421	19.3	2749	533	24.4	3428	605	27.7	3898	710	32.5	4575
	50	441	20.2	2854	557	25.5	3556	633	29.0	4048	742	34.0	4739
130	40	334	15.3	2328	421	19.3	2898	477	21.8	3283	566	25.9	3903
	42	350	16.1	2414	441	20.2	3005	501	22.9	3408	594	27.2	4046
	44	368	16.9	2507	464	21.3	3121	525	24.1	3538	622	28.5	4190
	45	376	17.2	2550	475	21.8	3178	538	24.7	3605	637	29.2	4263
	46	385	17.7	2600	486	22.3	3235	551	25.3	3671	651	29.8	4336
	48	403	18.5	2694	510	23.4	3359	578	26.5	3813	681	31.2	4492
	50	422	19.4	2795	534	24.5	3483	605	27.7	3954	713	32.7	4652
135	40	317	14.6	2285	401	18.4	2849	453	20.7	3214	541	24.8	3842
	42	333	15.3	2371	421	19.3	2955	476	21.8	3335	568	26.0	3978
	44	350	16.1	2459	442	20.3	3062	500	22.9	3460	595	27.3	4116
	45	358	16.4	2501	453	20.8	3119	512	23.5	3523	609	27.9	4191
	46	367	16.8	2548	465	21.3	3178	525	24.0	3590	624	28.6	4264
	48	385	17.6	2642	487	22.3	3293	550	25.2	3723	653	29.9	4413
	50	403	18.5	2739	511	23.4	3417	577	26.5	3865	683	31.3	4569



WATER PRESSURE DROP

R134a													
MODEL	500-4A			560-4A			720-4A			840-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	718	32.9	4586	825	37.8	5230	1104	50.6	7049	1231	56.4	7858
	42	752	34.5	4766	864	39.6	5433	1156	53.0	7309	1289	59.1	8165
	44	788	36.1	4956	904	41.5	5641	1208	55.4	7578	1351	61.9	8488
	45	807	37.0	5052	924	42.4	5743	1235	56.6	7713	1382	63.3	8652
	46	825	37.8	5149	945	43.3	5851	1263	57.9	7855	1413	64.8	8816
	48	863	39.5	5347	988	45.3	6074	1319	60.4	8141	1479	67.8	9161
	50	903	41.4	5556	1032	47.3	6301	1377	63.1	8439	1546	70.8	9515
120	40	689	31.6	4494	794	36.4	5137	1063	48.7	6932	1181	54.1	7700
	42	723	33.1	4670	832	38.1	5333	1112	51.0	7185	1239	56.8	8003
	44	758	34.7	4856	870	39.9	5532	1164	53.4	7449	1298	59.5	8314
	45	776	35.6	4948	890	40.8	5634	1191	54.6	7584	1328	60.9	8474
	46	794	36.4	5045	910	41.7	5738	1217	55.8	7719	1359	62.3	8638
	48	831	38.1	5239	952	43.7	5957	1272	58.3	8002	1423	65.2	8973
	50	869	39.8	5440	995	45.6	6176	1329	60.9	8291	1489	68.2	9319
125	40	660	30.2	4402	762	34.9	5046	1020	46.8	6816	1130	51.8	7540
	42	693	31.7	4576	798	36.6	5233	1069	49.0	7067	1186	54.4	7836
	44	726	33.3	4752	836	38.3	5428	1120	51.3	7324	1244	57.0	8143
	45	744	34.1	4845	855	39.2	5528	1145	52.5	7455	1274	58.4	8298
	46	761	34.9	4937	875	40.1	5632	1171	53.7	7585	1304	59.8	8458
	48	798	36.6	5131	915	41.9	5839	1224	56.1	7859	1367	62.6	8786
	50	836	38.3	5327	957	43.9	6057	1280	58.7	8144	1431	65.6	9125
130	40	629	28.8	4310	729	33.4	4956	978	44.8	6706	1078	49.4	7382
	42	661	30.3	4480	764	35.0	5140	1025	47.0	6948	1132	51.9	7671
	44	694	31.8	4652	801	36.7	5331	1073	49.2	7194	1189	54.5	7969
	45	711	32.6	4741	820	37.6	5427	1099	50.4	7325	1218	55.8	8122
	46	729	33.4	4833	839	38.4	5526	1124	51.5	7452	1248	57.2	8278
	48	764	35.0	5019	878	40.2	5730	1176	53.9	7722	1308	60.0	8597
	50	800	36.7	5211	918	42.1	5937	1230	56.4	7996	1371	62.9	8928
135	40	598	27.4	4217	697	31.9	4873	934	42.8	6592	1024	47.0	7222
	42	629	28.8	4383	730	33.5	5048	980	44.9	6826	1078	49.4	7507
	44	661	30.3	4552	765	35.1	5232	1028	47.1	7073	1133	51.9	7799
	45	678	31.1	4640	784	35.9	5328	1052	48.2	7197	1161	53.2	7947
	46	695	31.9	4730	802	36.8	5424	1076	49.3	7324	1190	54.5	8099
	48	729	33.4	4911	840	38.5	5619	1127	51.6	7589	1249	57.3	8410
	50	765	35.1	5099	879	40.3	5823	1179	54.0	7849	1310	60.0	8729



WATER PRESSURE DROP

R134a				
MODEL		960-4A		
		COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH
115	40	1404	64.4	8899
	42	1470	67.4	9239
	44	1538	70.5	9590
	45	1573	72.1	9773
	46	1608	73.7	9954
	48	1681	77.0	10330
	50	1756	80.5	10717
120	40	1351	61.9	8738
	42	1415	64.8	9070
	44	1480	67.8	9410
	45	1514	69.4	9583
	46	1548	71.0	9762
	48	1619	74.2	10129
	50	1693	77.6	10509
125	40	1296	59.4	8583
	42	1358	62.2	8903
	44	1422	65.2	9235
	45	1455	66.7	9405
	46	1488	68.2	9580
	48	1556	71.3	9930
	50	1627	74.6	10298
130	40	1240	56.8	8429
	42	1300	59.6	8742
	44	1363	62.5	9067
	45	1394	63.9	9229
	46	1427	65.4	9399
	48	1493	68.4	9743
	50	1562	71.6	10099
135	40	1184	54.3	8285
	42	1243	57.0	8591
	44	1303	59.7	8903
	45	1333	61.1	9062
	46	1364	62.5	9225
	48	1428	65.5	9557
	50	1495	68.5	9906



WATER PRESSURE DROP

R407C													
MODEL	50-1A			60-1A			70-1A			80-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	75	9.3	495	93	11.6	615	108	13.4	712	127	15.8	834
	42	78	9.8	513	97	12.1	636	113	14.1	738	133	16.6	865
	44	82	10.2	531	101	12.7	658	118	14.7	764	139	17.3	897
	45	83	10.4	540	104	12.9	670	120	15.0	777	142	17.7	913
	46	85	10.7	551	106	13.2	681	123	15.4	792	145	18.1	928
	48	89	11.1	570	110	13.8	706	128	16.0	820	151	18.9	962
	50	93	11.6	590	115	14.4	730	134	16.7	849	158	19.7	997
120	40	71	8.9	483	89	11.1	602	102	12.8	696	121	15.1	814
	42	74	9.3	501	93	11.6	623	107	13.4	722	126	15.8	844
	44	78	9.7	519	97	12.1	644	112	14.0	747	132	16.5	874
	45	79	9.9	527	99	12.4	655	115	14.3	760	135	16.8	889
	46	81	10.1	537	101	12.6	666	117	14.6	773	138	17.2	905
	48	85	10.6	556	105	13.2	689	122	15.3	800	144	18.0	938
	50	89	11.1	575	110	13.7	712	128	16.0	828	150	18.8	971
125	40	67	8.4	471	84	10.5	589	97	12.1	680	114	14.2	793
	42	70	8.8	488	88	11.0	609	101	12.7	704	119	14.9	822
	44	74	9.2	505	92	11.5	630	106	13.3	729	125	15.6	851
	45	75	9.4	514	94	11.8	641	109	13.6	742	128	16.0	866
	46	77	9.6	522	96	12.0	651	111	13.9	755	131	16.3	882
	48	81	10.1	541	100	12.5	674	116	14.5	781	137	17.1	912
	50	84	10.5	560	105	13.1	697	122	15.2	808	143	17.8	945
130	40	63	7.9	458	80	10.0	578	91	11.4	664	107	13.4	771
	42	66	8.3	474	84	10.4	597	96	11.9	688	113	14.1	800
	44	69	8.7	491	87	10.9	617	100	12.5	712	118	14.7	829
	45	71	8.9	500	89	11.2	627	103	12.8	724	121	15.1	843
	46	73	9.1	509	91	11.4	638	105	13.1	737	123	15.4	857
	48	76	9.5	526	95	11.9	659	110	13.8	763	129	16.1	888
	50	80	9.9	545	99	12.4	679	115	14.4	789	135	16.9	919
135	40	59	7.4	444	75	9.4	565	85	10.6	646	100	12.5	749
	42	62	7.7	461	79	9.8	584	89	11.2	670	105	13.2	777
	44	65	8.1	477	83	10.3	604	94	11.7	694	111	13.8	805
	45	67	8.3	485	84	10.5	614	96	12.0	707	113	14.1	819
	46	68	8.5	494	86	10.8	624	99	12.3	718	116	14.5	833
	48	72	8.9	512	90	11.3	644	104	12.9	744	122	15.2	863
	50	75	9.3	529	94	11.8	665	109	13.6	769	127	15.9	893



WATER PRESSURE DROP

R407C													
MODEL	90-1A			110-1A			125-1A			140-1A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	145	18.1	949	181	22.6	1180	207	25.8	1346	237	29.6	1537
	42	151	18.9	982	190	23.7	1223	216	27.0	1395	247	30.9	1592
	44	158	19.7	1017	198	24.7	1267	226	28.2	1446	258	32.2	1649
	45	161	20.1	1035	202	25.3	1289	231	28.8	1472	263	32.9	1677
	46	164	20.5	1053	207	25.8	1312	236	29.4	1498	269	33.6	1707
	48	171	21.4	1090	216	27.0	1360	246	30.7	1553	280	35.1	1768
	50	179	22.3	1128	225	28.2	1408	256	32.1	1608	292	36.5	1829
120	40	138	17.2	929	173	21.6	1154	196	24.5	1312	226	28.2	1504
	42	144	18.0	962	181	22.6	1195	205	25.7	1359	236	29.5	1557
	44	151	18.8	995	189	23.6	1239	215	26.8	1409	246	30.8	1611
	45	154	19.2	1012	193	24.1	1260	220	27.4	1434	252	31.5	1640
	46	157	19.6	1029	198	24.7	1283	224	28.0	1459	257	32.1	1668
	48	164	20.5	1065	206	25.8	1328	234	29.3	1512	268	33.5	1726
	50	171	21.3	1102	216	26.9	1375	245	30.6	1565	279	34.9	1785
125	40	131	16.4	910	163	20.4	1126	186	23.2	1277	215	26.8	1471
	42	137	17.1	941	171	21.4	1166	195	24.3	1324	225	28.1	1523
	44	143	17.9	974	179	22.4	1209	204	25.4	1371	235	29.3	1575
	45	146	18.3	990	184	22.9	1230	208	26.0	1395	240	30.0	1602
	46	150	18.7	1006	188	23.5	1252	213	26.6	1420	245	30.6	1630
	48	156	19.5	1040	197	24.6	1297	223	27.8	1471	255	31.9	1685
	50	163	20.3	1076	205	25.7	1342	233	29.1	1523	266	33.3	1742
130	40	124	15.5	892	154	19.2	1096	175	21.8	1241	204	25.4	1440
	42	130	16.2	921	161	20.2	1137	183	22.9	1286	213	26.6	1490
	44	136	17.0	953	169	21.2	1179	192	24.0	1332	223	27.8	1540
	45	139	17.4	969	174	21.7	1200	197	24.6	1356	228	28.4	1566
	46	142	17.7	984	178	22.2	1221	201	25.1	1381	233	29.1	1592
	48	148	18.5	1017	186	23.3	1265	210	26.3	1429	243	30.3	1646
	50	155	19.3	1051	195	24.3	1309	220	27.5	1479	253	31.7	1701
135	40	117	14.6	873	143	17.9	1066	163	20.4	1202	192	24.0	1409
	42	123	15.3	903	151	18.9	1106	172	21.4	1247	201	25.1	1457
	44	128	16.0	932	159	19.8	1147	180	22.5	1293	210	26.3	1505
	45	131	16.4	948	163	20.3	1168	185	23.1	1317	215	26.9	1530
	46	134	16.8	964	167	20.9	1189	189	23.6	1340	220	27.5	1556
	48	140	17.5	995	175	21.9	1232	198	24.7	1388	230	28.7	1608
	50	147	18.3	1027	184	23.0	1276	207	25.9	1436	240	30.0	1661



WATER PRESSURE DROP

R407C													
MODEL		180-1A			210-1A			240-1A			280-1A		
		COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION
		GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH
115	40	311	38.9	2018	358	44.7	2322	409	51.1	2643	465	58.2	3004
	42	325	40.7	2091	374	46.8	2407	427	53.3	2737	486	60.8	3114
	44	340	42.5	2167	391	48.9	2495	445	55.7	2835	508	63.5	3229
	45	347	43.4	2206	399	49.9	2540	455	56.8	2885	519	64.8	3284
	46	355	44.4	2245	408	51.0	2585	464	58.1	2936	530	66.2	3343
	48	371	46.3	2325	426	53.2	2679	484	60.5	3040	553	69.1	3465
	50	387	48.4	2409	444	55.5	2775	504	63.0	3147	577	72.1	3587
120	40	296	37.0	1971	340	42.5	2262	390	48.8	2586	444	55.5	2937
	42	310	38.8	2043	356	44.5	2345	407	50.9	2677	464	58.1	3042
	44	324	40.5	2117	372	46.5	2430	425	53.2	2770	486	60.7	3155
	45	332	41.5	2155	380	47.5	2473	434	54.3	2818	496	62.1	3213
	46	339	42.4	2193	389	48.6	2517	444	55.5	2868	507	63.4	3267
	48	354	44.3	2271	406	50.8	2609	463	57.9	2968	530	66.2	3385
	50	370	46.3	2352	424	53.0	2701	482	60.3	3070	553	69.1	3504
125	40	280	35.0	1922	322	40.2	2200	371	46.4	2529	422	52.8	2866
	42	294	36.7	1993	337	42.1	2282	388	48.5	2616	442	55.3	2972
	44	308	38.5	2065	353	44.1	2364	405	50.6	2708	463	57.8	3081
	45	315	39.4	2102	361	45.1	2406	414	51.7	2752	473	59.2	3138
	46	322	40.3	2140	369	46.1	2449	423	52.9	2800	484	60.5	3191
	48	337	42.2	2216	386	48.2	2537	441	55.2	2896	506	63.2	3306
	50	353	44.1	2295	403	50.3	2626	460	57.5	2997	528	66.0	3422
130	40	264	33.0	1872	303	37.9	2138	351	43.9	2474	399	49.9	2796
	42	277	34.6	1942	318	39.7	2217	368	46.0	2559	419	52.4	2901
	44	291	36.3	2012	333	41.6	2298	384	48.0	2645	439	54.9	3004
	45	298	37.2	2048	341	42.6	2339	393	49.1	2691	449	56.2	3059
	46	305	38.1	2085	348	43.6	2380	401	50.2	2734	460	57.5	3114
	48	319	39.9	2160	365	45.6	2465	419	52.4	2827	481	60.1	3227
	50	334	41.8	2236	381	47.7	2552	437	54.7	2925	503	62.8	3339
135	40	246	30.8	1818	283	35.4	2072	331	41.4	2418	376	47.0	2723
	42	259	32.4	1887	297	37.2	2149	347	43.4	2500	395	49.4	2824
	44	272	34.1	1957	312	39.0	2229	363	45.4	2588	414	51.8	2929
	45	279	34.9	1993	320	40.0	2269	371	46.4	2629	424	53.0	2981
	46	286	35.8	2030	327	40.9	2310	380	47.5	2674	434	54.3	3036
	48	301	37.6	2103	343	42.9	2392	397	49.6	2763	455	56.9	3142
	50	315	39.4	2178	359	44.9	2476	414	51.8	2853	476	59.6	3256



WATER PRESSURE DROP

R407C													
MODEL	300-1A			100-2A			120-2A			140-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	528	65.9	3403	150	11.2	990	186	14.0	1229	215	16.1	1424
	42	551	68.8	3525	156	11.7	1026	194	14.6	1272	225	16.9	1476
	44	575	71.8	3648	163	12.2	1061	203	15.2	1316	235	17.6	1528
	45	587	73.3	3712	167	12.5	1081	207	15.5	1339	240	18.0	1555
	46	599	74.9	3778	171	12.8	1102	212	15.9	1363	246	18.4	1583
	48	624	78.0	3907	178	13.3	1140	221	16.6	1412	257	19.3	1639
	50	651	81.3	4045	186	13.9	1180	230	17.2	1460	268	20.1	1697
120	40	506	63.2	3338	142	10.6	965	178	13.3	1203	204	15.3	1392
	42	528	66.0	3457	149	11.2	1001	186	13.9	1245	214	16.1	1443
	44	551	68.9	3575	156	11.7	1037	194	14.5	1288	224	16.8	1493
	45	563	70.4	3638	159	11.9	1054	198	14.8	1311	229	17.2	1520
	46	575	71.9	3701	162	12.2	1073	202	15.1	1332	234	17.6	1546
	48	600	74.9	3827	170	12.7	1111	211	15.8	1378	245	18.4	1600
	50	625	78.1	3961	177	13.3	1151	220	16.5	1425	255	19.2	1656
125	40	483	60.4	3277	134	10.1	941	169	12.7	1178	194	14.5	1361
	42	505	63.1	3389	141	10.6	975	176	13.2	1218	203	15.2	1408
	44	528	65.9	3509	147	11.0	1010	184	13.8	1260	212	15.9	1458
	45	539	67.4	3569	151	11.3	1028	188	14.1	1282	218	16.3	1485
	46	551	68.8	3627	154	11.5	1045	192	14.4	1302	222	16.7	1510
	48	574	71.8	3753	161	12.1	1083	201	15.1	1347	233	17.5	1563
	50	599	74.9	3879	168	12.6	1121	210	15.7	1393	243	18.2	1616
130	40	460	57.5	3216	126	9.5	916	160	12.0	1155	182	13.6	1328
	42	481	60.2	3325	132	9.9	948	167	12.5	1193	191	14.3	1376
	44	503	62.9	3441	139	10.4	982	175	13.1	1233	200	15.0	1424
	45	514	64.3	3501	142	10.6	999	179	13.4	1255	205	15.4	1448
	46	526	65.7	3557	146	10.9	1018	183	13.7	1276	210	15.8	1475
	48	549	68.6	3679	152	11.4	1052	191	14.3	1318	220	16.5	1526
	50	573	71.6	3802	159	11.9	1090	199	14.9	1359	230	17.3	1578
135	40	----	----	----	118	8.8	889	150	11.3	1131	170	12.7	1292
	42	----	----	----	124	9.3	922	158	11.8	1169	179	13.4	1340
	44	----	----	----	130	9.7	954	165	12.4	1209	188	14.1	1389
	45	----	----	----	133	10.0	971	169	12.7	1227	193	14.5	1414
	46	----	----	----	136	10.2	988	173	13.0	1249	197	14.8	1436
	48	----	----	----	143	10.7	1024	180	13.5	1288	207	15.5	1488
	50	----	----	----	150	11.2	1058	188	14.1	1330	217	16.3	1539



WATER PRESSURE DROP

R407C													
MODEL	160-2A			180-2A			220-2A			250-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	253	19.0	1669	289	21.7	1897	362	27.2	2360	413	31.0	2691
	42	265	19.9	1730	302	22.6	1965	379	28.4	2447	432	32.4	2790
	44	277	20.8	1793	315	23.6	2034	396	29.7	2534	451	33.9	2893
	45	283	21.2	1825	322	24.1	2070	405	30.3	2579	461	34.6	2943
	46	289	21.7	1856	329	24.7	2106	413	31.0	2624	471	35.3	2996
	48	302	22.6	1924	343	25.7	2180	432	32.4	2719	492	36.9	3106
	50	315	23.6	1993	357	26.8	2256	451	33.8	2816	513	38.5	3216
	120	40	241	18.1	1629	276	20.7	1858	345	25.9	2308	393	29.4
42		252	18.9	1688	288	21.6	1923	361	27.1	2390	411	30.8	2719
44		263	19.8	1748	301	22.6	1991	378	28.3	2477	429	32.2	2818
45		269	20.2	1779	307	23.1	2025	386	29.0	2520	439	32.9	2868
46		275	20.7	1810	314	23.5	2058	395	29.6	2566	449	33.6	2918
48		288	21.6	1876	327	24.6	2130	413	30.9	2656	469	35.1	3023
50		300	22.5	1941	341	25.6	2204	431	32.3	2751	489	36.7	3130
125		40	228	17.1	1586	262	19.7	1819	327	24.5	2252	371	27.9
	42	239	17.9	1643	274	20.6	1883	342	25.7	2333	389	29.2	2647
	44	250	18.7	1703	287	21.5	1948	359	26.9	2417	407	30.5	2742
	45	255	19.2	1732	293	22.0	1980	367	27.5	2461	416	31.2	2791
	46	261	19.6	1764	299	22.4	2013	375	28.2	2504	426	31.9	2841
	48	273	20.5	1825	312	23.4	2080	393	29.5	2594	445	33.4	2941
	50	285	21.4	1890	325	24.4	2151	411	30.8	2684	465	34.9	3046
	130	40	214	16.1	1543	249	18.7	1784	307	23.0	2193	349	26.2
42		225	16.9	1600	260	19.5	1843	323	24.2	2274	366	27.5	2571
44		236	17.7	1657	272	20.4	1906	339	25.4	2357	384	28.8	2664
45		241	18.1	1686	278	20.8	1937	347	26.0	2400	393	29.5	2713
46		247	18.5	1715	284	21.3	1968	355	26.6	2442	402	30.2	2762
48		258	19.4	1776	296	22.2	2033	372	27.9	2530	421	31.5	2858
50		270	20.3	1839	309	23.2	2102	389	29.2	2618	440	33.0	2958
135		40	200	15.0	1497	234	17.6	1746	287	21.5	2133	326	24.5
	42	211	15.8	1553	246	18.4	1806	302	22.6	2213	343	25.7	2494
	44	221	16.6	1609	257	19.3	1865	317	23.8	2294	360	27.0	2586
	45	226	17.0	1638	263	19.7	1896	325	24.4	2335	369	27.7	2634
	46	232	17.4	1667	269	20.2	1927	334	25.0	2379	378	28.3	2681
	48	243	18.2	1727	281	21.1	1990	350	26.3	2463	396	29.7	2776
	50	254	19.1	1786	293	22.0	2055	367	27.6	2551	414	31.1	2873



WATER PRESSURE DROP

R407C													
MODEL	280-2A			360-2A			420-2A			480-2A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	473	35.5	3074	622	46.7	4036	716	53.7	4643	817	61.3	5286
	42	494	37.1	3184	651	48.8	4183	748	56.1	4813	853	64.0	5475
	44	516	38.7	3298	680	51.0	4333	782	58.6	4990	890	66.8	5670
	45	527	39.5	3355	695	52.1	4412	799	59.9	5080	909	68.2	5770
	46	538	40.3	3413	710	53.3	4490	816	61.2	5171	929	69.7	5872
	48	561	42.1	3535	741	55.6	4651	852	63.9	5358	968	72.6	6079
	50	584	43.8	3658	774	58.0	4818	888	66.6	5550	1009	75.7	6294
120	40	452	33.9	3009	592	44.4	3942	680	51.0	4524	780	58.5	5171
	42	472	35.4	3114	620	46.5	4087	712	53.4	4690	815	61.1	5354
	44	493	36.9	3223	649	48.6	4233	744	55.8	4861	850	63.8	5541
	45	503	37.8	3280	663	49.8	4309	760	57.0	4947	869	65.2	5637
	46	514	38.6	3336	678	50.9	4386	777	58.3	5035	888	66.6	5736
	48	536	40.2	3452	709	53.1	4542	812	60.9	5217	926	69.4	5935
	50	559	41.9	3569	740	55.5	4704	847	63.5	5401	965	72.4	6141
125	40	429	32.2	2943	561	42.0	3845	643	48.3	4401	742	55.7	5058
	42	449	33.7	3045	588	44.1	3986	674	50.6	4564	775	58.1	5232
	44	469	35.2	3150	616	46.2	4130	705	52.9	4728	810	60.8	5415
	45	479	36.0	3205	630	47.3	4204	721	54.1	4812	828	62.1	5504
	46	490	36.7	3260	645	48.4	4280	738	55.3	4898	846	63.4	5601
	48	511	38.3	3370	675	50.6	4432	771	57.8	5075	882	66.2	5791
	50	533	40.0	3485	705	52.9	4590	805	60.4	5252	920	69.0	5993
130	40	407	30.5	2880	527	39.6	3744	606	45.4	4276	703	52.7	4948
	42	426	31.9	2979	554	41.6	3883	635	47.7	4434	735	55.1	5117
	44	445	33.4	3080	581	43.6	4025	666	49.9	4595	768	57.6	5290
	45	455	34.1	3133	595	44.7	4097	681	51.1	4678	786	58.9	5383
	46	465	34.9	3185	610	45.7	4171	697	52.3	4760	803	60.2	5469
	48	485	36.4	3291	639	47.9	4321	729	54.7	4930	838	62.9	5654
	50	507	38.0	3402	669	50.1	4472	762	57.2	5104	875	65.6	5849
135	40	383	28.8	2817	492	36.9	3637	566	42.5	4144	663	49.7	4835
	42	402	30.1	2914	518	38.9	3774	595	44.6	4299	694	52.1	5000
	44	420	31.5	3011	545	40.9	3914	625	46.8	4458	727	54.5	5176
	45	430	32.2	3061	559	41.9	3986	640	48.0	4538	743	55.7	5258
	46	439	33.0	3111	573	43.0	4059	655	49.1	4619	760	57.0	5348
	48	459	34.5	3215	601	45.1	4205	686	51.5	4785	794	59.5	5525
	50	480	36.0	3322	631	47.3	4355	718	53.9	4953	828	62.1	5706



WATER PRESSURE DROP

R407C													
MODEL	560-2A			600-2A			200-4A			240-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	930	69.8	6009	1055	79.1	6805	299	13.7	1980	373	17.1	2459
	42	972	72.9	6228	1102	82.6	7051	313	14.3	2052	389	17.8	2544
	44	1016	76.2	6457	1149	86.2	7296	326	15.0	2123	405	18.6	2632
	45	1038	77.8	6567	1174	88.0	7424	333	15.3	2162	414	19.0	2679
	46	1060	79.5	6686	1198	89.9	7555	341	15.7	2203	423	19.4	2726
	48	1106	82.9	6930	1249	93.7	7814	356	16.3	2279	441	20.2	2823
	50	1154	86.5	7174	1301	97.6	8089	371	17.0	2361	460	21.1	2920
120	40	888	66.6	5874	1012	75.9	6676	284	13.0	1930	355	16.3	2406
	42	929	69.7	6085	1056	79.2	6914	297	13.6	2002	371	17.0	2490
	44	971	72.8	6310	1102	82.7	7151	311	14.3	2074	387	17.7	2576
	45	993	74.5	6425	1126	84.4	7275	317	14.6	2108	396	18.1	2621
	46	1014	76.1	6533	1150	86.2	7402	325	14.9	2146	404	18.5	2664
	48	1059	79.4	6771	1199	89.9	7655	339	15.5	2222	421	19.3	2756
	50	1105	82.9	7007	1250	93.7	7922	354	16.2	2301	439	20.1	2849
125	40	844	63.3	5731	967	72.5	6555	269	12.3	1883	337	15.5	2356
	42	884	66.3	5945	1010	75.7	6777	281	12.9	1951	353	16.2	2437
	44	925	69.4	6162	1055	79.1	7017	294	13.5	2019	369	16.9	2521
	45	946	71.0	6275	1078	80.8	7138	301	13.8	2056	377	17.3	2563
	46	968	72.6	6381	1101	82.6	7254	308	14.1	2090	385	17.6	2605
	48	1011	75.8	6613	1149	86.2	7505	322	14.8	2166	401	18.4	2694
	50	1056	79.2	6843	1198	89.8	7758	337	15.4	2242	419	19.2	2786
130	40	799	59.9	5592	920	69.0	6432	253	11.6	1832	320	14.7	2311
	42	838	62.9	5802	963	72.2	6651	265	12.1	1896	334	15.3	2387
	44	878	65.9	6008	1006	75.5	6882	277	12.7	1964	349	16.0	2467
	45	898	67.4	6117	1029	77.2	7001	284	13.0	1998	357	16.4	2510
	46	919	68.9	6228	1051	78.8	7113	291	13.3	2036	365	16.7	2551
	48	962	72.1	6454	1098	82.3	7359	304	13.9	2104	381	17.5	2635
	50	1005	75.4	6678	1145	85.9	7603	318	14.6	2180	397	18.2	2718
135	40	752	56.4	5445	---	---	---	236	10.8	1778	301	13.8	2261
	42	790	59.2	5649	---	---	---	248	11.4	1843	315	14.4	2337
	44	829	62.2	5858	---	---	---	260	11.9	1907	330	15.1	2417
	45	848	63.6	5963	---	---	---	266	12.2	1942	337	15.5	2455
	46	869	65.2	6072	---	---	---	273	12.5	1977	345	15.8	2498
	48	910	68.3	6284	---	---	---	286	13.1	2049	361	16.5	2576
	50	953	71.5	6512	---	---	---	299	13.7	2117	377	17.3	2660



WATER PRESSURE DROP

R407C													
MODEL	280-4A			320-4A			360-4A			440-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	430	19.7	2849	507	23.2	3338	578	26.5	3795	725	33.2	4720
	42	450	20.6	2952	530	24.3	3459	604	27.7	3930	758	34.7	4894
	44	470	21.6	3056	554	25.4	3586	630	28.9	4068	792	36.3	5067
	45	481	22.0	3109	566	25.9	3650	644	29.5	4140	809	37.1	5158
	46	492	22.5	3166	578	26.5	3713	657	30.1	4213	827	37.9	5249
	48	513	23.5	3278	604	27.7	3848	685	31.4	4361	864	39.6	5438
	50	536	24.6	3395	630	28.9	3986	714	32.7	4513	901	41.3	5631
120	40	409	18.7	2783	482	22.1	3258	552	25.3	3716	690	31.6	4615
	42	429	19.6	2886	505	23.1	3376	577	26.4	3847	722	33.1	4781
	44	448	20.5	2986	527	24.2	3495	602	27.6	3982	756	34.6	4954
	45	458	21.0	3039	539	24.7	3558	615	28.2	4050	772	35.4	5041
	46	469	21.5	3093	551	25.3	3621	628	28.8	4117	790	36.2	5132
	48	489	22.4	3201	576	26.4	3751	655	30.0	4259	825	37.8	5312
	50	511	23.4	3312	601	27.5	3882	683	31.3	4407	862	39.5	5501
125	40	387	17.7	2722	456	20.9	3172	525	24.0	3639	653	29.9	4504
	42	405	18.6	2817	477	21.9	3287	549	25.1	3766	685	31.4	4665
	44	425	19.5	2917	500	22.9	3406	573	26.3	3895	717	32.9	4835
	45	435	19.9	2970	511	23.4	3464	585	26.8	3959	734	33.6	4921
	46	445	20.4	3019	523	24.0	3529	598	27.4	4026	751	34.4	5008
	48	465	21.3	3126	546	25.0	3650	624	28.6	4161	786	36.0	5188
	50	486	22.3	3233	571	26.2	3779	651	29.8	4302	821	37.6	5368
130	40	364	16.7	2655	429	19.6	3085	497	22.8	3567	614	28.1	4386
	42	382	17.5	2751	450	20.6	3200	520	23.8	3686	645	29.6	4549
	44	401	18.4	2847	472	21.6	3315	544	24.9	3811	677	31.0	4714
	45	410	18.8	2896	482	22.1	3371	556	25.5	3874	694	31.8	4801
	46	421	19.3	2950	493	22.6	3430	568	26.0	3937	710	32.5	4883
	48	441	20.2	3053	517	23.7	3553	593	27.2	4066	745	34.1	5059
	50	461	21.1	3155	541	24.8	3678	619	28.4	4205	779	35.7	5235
135	40	339	15.5	2584	401	18.4	2995	469	21.5	3493	573	26.3	4265
	42	357	16.4	2680	421	19.3	3107	491	22.5	3612	604	27.7	4425
	44	376	17.2	2778	442	20.3	3219	513	23.5	3729	635	29.1	4588
	45	385	17.7	2827	453	20.7	3275	525	24.1	3792	651	29.8	4671
	46	394	18.1	2873	464	21.3	3334	537	24.6	3855	668	30.6	4758
	48	414	19.0	2977	486	22.3	3454	561	25.7	3980	701	32.1	4927
	50	434	19.9	3078	509	23.3	3571	586	26.9	4109	735	33.7	5103



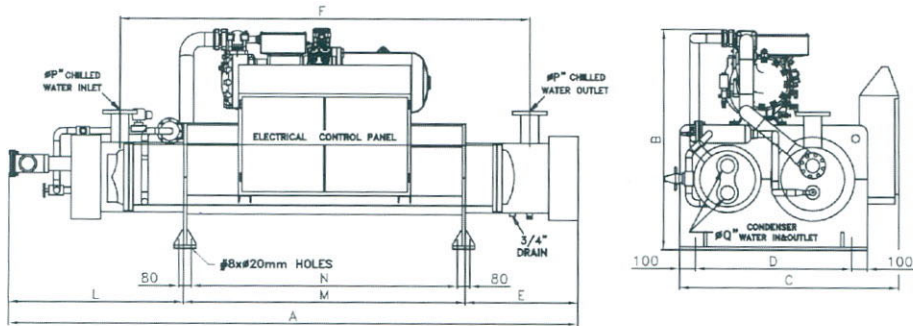
WATER PRESSURE DROP

R407C													
MODEL	500-4A			560-4A			720-4A			840-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	826	37.9	5383	947	43.4	6149	1244	57.0	8072	1431	65.6	9286
	42	864	39.6	5580	988	45.3	6368	1301	59.6	8365	1496	68.6	9626
	44	903	41.4	5786	1032	47.3	6596	1359	62.3	8667	1563	71.7	9980
	45	922	42.3	5887	1053	48.3	6709	1390	63.7	8824	1598	73.2	10160
	46	942	43.2	5992	1076	49.3	6827	1420	65.1	8980	1632	74.8	10342
	48	984	45.1	6211	1122	51.4	7071	1483	68.0	9302	1703	78.1	10715
	50	1026	47.0	6433	1168	53.5	7317	1547	70.9	9635	1777	81.4	11101
120	40	785	36.0	5247	904	41.4	6018	1184	54.3	7884	1360	62.3	9048
	42	821	37.6	5438	944	43.2	6227	1240	56.8	8173	1423	65.2	9380
	44	859	39.4	5635	985	45.2	6446	1297	59.4	8467	1488	68.2	9722
	45	878	40.2	5735	1007	46.1	6559	1327	60.8	8619	1521	69.7	9894
	46	897	41.1	5837	1028	47.1	6673	1356	62.2	8772	1555	71.3	10070
	48	937	43.0	6046	1072	49.2	6904	1417	64.9	9084	1624	74.4	10434
	50	978	44.8	6260	1117	51.2	7138	1480	67.8	9408	1695	77.7	10802
125	40	743	34.0	5107	859	39.4	5885	1121	51.4	7690	1287	59.0	8801
	42	778	35.7	5294	898	41.2	6091	1176	53.9	7971	1348	61.8	9127
	44	814	37.3	5484	938	43.0	6300	1232	56.4	8261	1411	64.7	9457
	45	832	38.2	5581	959	43.9	6410	1260	57.8	8409	1443	66.1	9625
	46	852	39.0	5681	980	44.9	6519	1290	59.1	8561	1475	67.6	9797
	48	890	40.8	5883	1022	46.8	6740	1349	61.8	8865	1543	70.7	10149
	50	930	42.6	6092	1066	48.9	6970	1411	64.7	9181	1611	73.8	10504
130	40	699	32.0	4963	814	37.3	5761	1055	48.3	7488	1212	55.5	8553
	42	733	33.6	5143	852	39.0	5958	1108	50.8	7766	1271	58.2	8869
	44	768	35.2	5328	890	40.8	6160	1163	53.3	8049	1331	61.0	9191
	45	786	36.0	5426	910	41.7	6265	1191	54.6	8193	1363	62.5	9356
	46	804	36.9	5523	930	42.6	6369	1220	55.9	8341	1394	63.9	9520
	48	841	38.6	5717	971	44.5	6583	1278	58.6	8641	1459	66.9	9860
	50	880	40.3	5917	1013	46.4	6803	1337	61.3	8944	1525	69.9	10207
135	40	653	29.9	4809	767	35.1	5634	984	45.1	7274	1132	51.9	8288
	42	686	31.4	4989	804	36.8	5828	1036	47.5	7547	1190	54.5	8598
	44	721	33.0	5173	840	38.5	6021	1090	50.0	7827	1249	57.3	8915
	45	738	33.8	5268	860	39.4	6121	1118	51.2	7973	1279	58.6	9077
	46	756	34.6	5361	879	40.3	6223	1146	52.5	8118	1310	60.0	9238
	48	792	36.3	5552	919	42.1	6431	1203	55.1	8410	1372	62.9	9569
	50	828	38.0	5746	960	44.0	6643	1261	57.8	8710	1436	65.8	9905



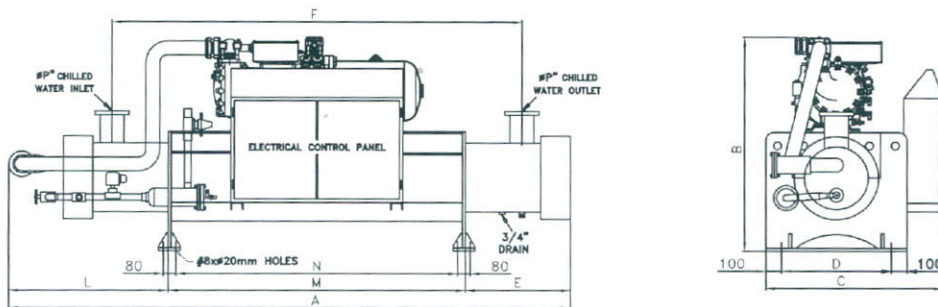
WATER PRESSURE DROP

R407C										
MODEL	960-4A			1120-4A			1200-4A			
	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	COOLER WATER		HEAT REJECTION	
	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	GPM	PD(ft)	MBH	
115	40	1635	74.9	10572	1861	85.3	12018	2110	96.7	13611
	42	1707	78.2	10950	1945	89.1	12455	2203	101.0	14102
	44	1781	81.6	11341	2031	93.1	12914	2298	105.3	14591
	45	1818	83.3	11540	2075	95.1	13134	2347	107.6	14849
	46	1858	85.1	11745	2120	97.2	13372	2397	109.8	15110
	48	1936	88.7	12159	2212	101.4	13859	2497	114.5	15628
	50	2018	92.5	12588	2307	105.7	14349	2602	119.3	16179
120	40	1560	71.5	10342	1776	81.4	11748	2023	92.7	13352
	42	1630	74.7	10708	1858	85.1	12170	2113	96.8	13828
	44	1701	78.0	11081	1942	89.0	12621	2205	101.0	14301
	45	1738	79.6	11274	1986	91.0	12850	2252	103.2	14551
	46	1775	81.4	11471	2029	93.0	13066	2300	105.4	14804
	48	1851	84.8	11870	2118	97.1	13541	2398	109.9	15310
	50	1930	88.4	12281	2210	101.3	14015	2500	114.6	15845
125	40	1484	68.0	10117	1689	77.4	11463	1934	88.6	13109
	42	1551	71.1	10465	1769	81.1	11890	2020	92.6	13555
	44	1620	74.3	10831	1850	84.8	12325	2110	96.7	14034
	45	1655	75.9	11008	1893	86.8	12550	2156	98.8	14276
	46	1691	77.5	11201	1935	88.7	12762	2202	100.9	14508
	48	1765	80.9	11583	2022	92.7	13226	2297	105.3	15011
	50	1840	84.3	11986	2112	96.8	13687	2396	109.8	15516
130	40	1406	64.4	9897	1598	73.2	11184	1841	84.4	12864
	42	1471	67.4	10234	1676	76.8	11603	1926	88.3	13302
	44	1537	70.4	10580	1756	80.5	12017	2013	92.3	13765
	45	1571	72.0	10766	1797	82.4	12235	2058	94.3	14002
	46	1606	73.6	10938	1838	84.3	12456	2102	96.4	14226
	48	1677	76.9	11307	1923	88.1	12907	2195	100.6	14717
	50	1750	80.2	11698	2010	92.1	13357	2290	105.0	15207
135	40	1325	60.7	9671	1503	68.9	10890	---	---	---
	42	1388	63.6	10000	1579	72.4	11297	---	---	---
	44	1453	66.6	10351	1658	76.0	11716	---	---	---
	45	1486	68.1	10515	1697	77.8	11926	---	---	---
	46	1519	69.6	10697	1738	79.6	12143	---	---	---
	48	1587	72.8	11050	1820	83.4	12569	---	---	---
	50	1657	75.9	11412	1906	87.3	13024	---	---	---



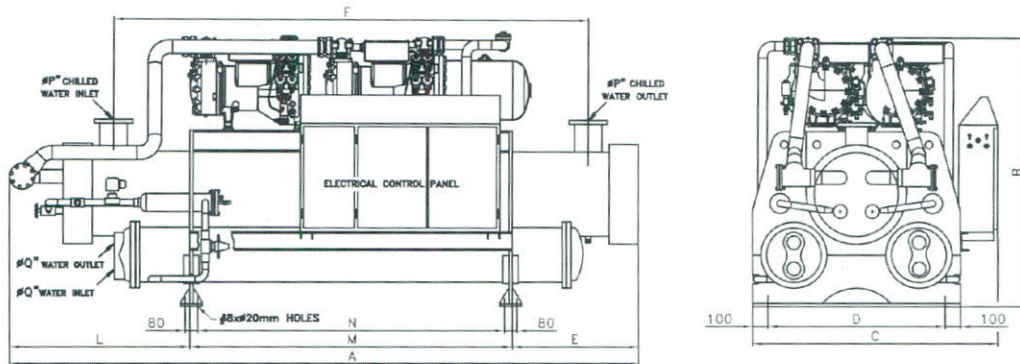
DIMENSIONS—ONE COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	L	M	N	P	Q
SLCSC- 50-1W	3540	1300	1380	900	720	2650	3200	1020	1700	1600	ø3"	ø3"
SLCSC- 60-1W	3540	1300	1380	900	720	2650	3200	1020	1800	1700	ø3"	ø3"
SLCSC- 70-1W	3590	1400	1430	950	720	2620	3200	1070	1800	1700	ø4"	ø4"
SLCSC- 80-1W	3590	1400	1430	950	720	2620	3200	1070	1800	1700	ø4"	ø4"
SLCSC- 90-1W	3590	1400	1430	950	720	2620	3200	1070	1800	1700	ø4"	ø4"
SLCSC-110-1W	3640	1600	1480	1000	720	2600	3200	1120	1800	1700	ø5"	ø5"
SLCSC-125-1W	3640	1600	1480	1000	670	2600	3200	1070	1800	1700	ø5"	ø5"
SLCSC-140-1W	3940	1600	1480	1000	770	2900	3600	1170	2000	1900	ø5"	ø5"
SLCSC-180-1W	4140	1740	1630	1150	820	3100	3800	1220	2100	2000	ø5"	ø5"
SLCSC-210-1W	4440	1780	1630	1150	870	3370	4100	1270	2300	2200	ø6"	ø6"
SLCSC-240-1W	4640	1780	1630	1150	920	3570	4300	1320	2400	2300	ø6"	ø6"
SLCSC-280-1W	5640	1850	1750	1250	1120	4540	5300	1520	3000	2900	ø8"	ø8"
SLCSC-300-1W	5640	1850	1750	1250	1120	4540	5300	1520	3000	2900	ø8"	ø8"



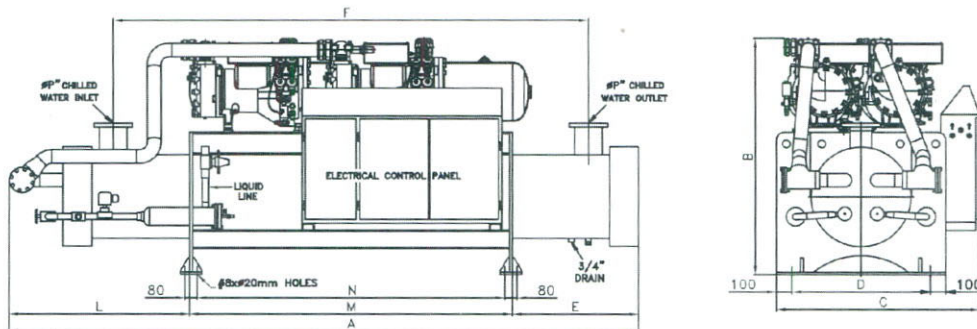
DIMENSIONS—ONE COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	L	M	N	P
SLCSC- 50-1A	3540	1300	1080	650	670	2650	3200	970	1900	1800	ø3"
SLCSC- 60-1A	3540	1300	1080	650	670	2650	3200	970	1900	1800	ø3"
SLCSC- 70-1A	3590	1400	1130	700	670	2620	3200	1020	1900	1800	ø4"
SLCSC- 80-1A	3590	1400	1130	700	670	2620	3200	1020	1900	1800	ø4"
SLCSC- 90-1A	3590	1400	1130	700	670	2620	3200	1020	1900	1800	ø4"
SLCSC-110-1A	3640	1600	1170	800	670	2600	3200	1070	1900	1800	ø5"
SLCSC-125-1A	3640	1600	1170	800	670	2600	3200	1070	1900	1800	ø5"
SLCSC-140-1A	3940	1600	1170	800	720	2900	3600	1120	2100	2000	ø5"
SLCSC-180-1A	4140	1740	1270	850	820	3100	3800	1220	2100	2000	ø5"
SLCSC-210-1A	4440	1780	1270	850	820	3370	4100	1220	2400	2300	ø6"
SLCSC-240-1A	4640	1780	1270	850	870	3570	4300	1270	2500	2400	ø6"
SLCSC-280-1A	5640	1850	1400	950	1120	4540	5300	1520	3000	2900	ø8"
SLCSC-300-1A	5640	1850	1400	950	1120	4540	5300	1520	3000	2900	ø8"



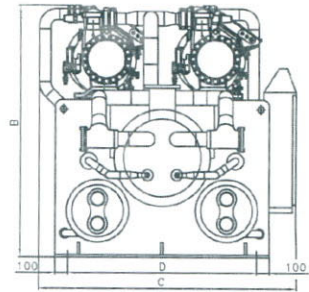
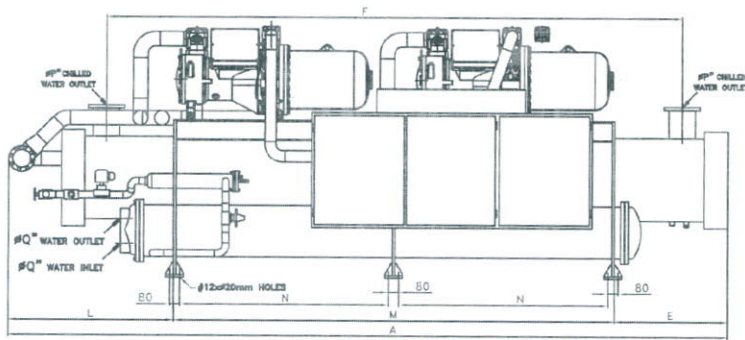
DIMENSIONS—TWO COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	L	M	N	P	Q
SLCSC-100-2W	3540	1520	1450	1030	770	2620	3200	1070	1700	1600	ø4"	ø3"
SLCSC-120-2W	3540	1580	1450	1030	670	2620	3200	970	1900	1800	ø5"	ø4"
SLCSC-140-2W	3890	1670	1500	1070	770	2900	3600	1120	2000	1900	ø5"	ø4"
SLCSC-160-2W	4090	1670	1500	1170	820	3100	3800	1170	2100	2000	ø5"	ø4"
SLCSC-180-2W	4090	1750	1600	1160	820	3100	3800	1170	2100	2000	ø5"	ø4"
SLCSC-220-2W	4640	1880	1600	1160	920	3570	4300	1320	2400	2300	ø6"	ø4"
SLCSC-250-2W	4640	1880	1600	1160	920	3570	4300	1320	2400	2300	ø6"	ø4"
SLCSC-280-2W	5640	1700	1850	1600	1120	4540	5300	1520	3000	2900	ø8"	ø4"
SLCSC-360-2W	5940	1700	1850	1600	1220	4840	5600	1620	3100	3000	ø8"	ø4"



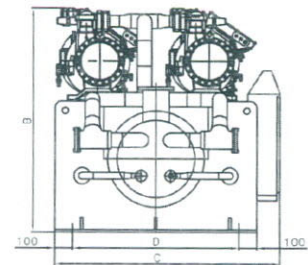
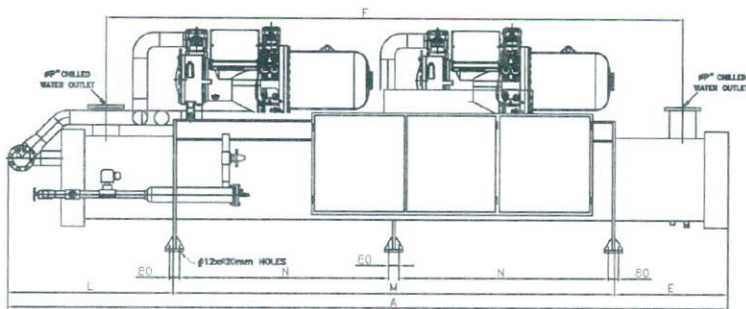
DIMENSIONS—TWO COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	H	L	M	N	P
SLCSC-100-2A	3540	1340	1260	800	670	2620	3200	900	970	1900	1800	ø4"
SLCSC-120-2A	3540	1400	1260	800	670	2620	3200	950	970	1900	1800	ø5"
SLCSC-140-2A	3890	1450	1300	800	770	2900	3600	950	1120	2000	1900	ø5"
SLCSC-160-2A	4090	1450	1300	800	820	3100	3800	950	1170	2100	2000	ø5"
SLCSC-180-2A	4090	1550	1330	900	820	3100	3800	1000	1170	2100	2000	ø5"
SLCSC-220-2A	4640	1670	1400	900	920	3570	4300	1000	1320	2400	2300	ø6"
SLCSC-250-2A	4640	1670	1400	900	920	3570	4300	1000	1320	2400	2300	ø6"
SLCSC-280-2A	5640	1720	1450	1000	1120	4540	5300	1100	1520	3000	2900	ø8"
SLCSC-360-2A	5640	1720	1450	1000	1220	4540	5300	1100	1620	3100	3000	ø8"



DIMENSIONS—FOUR COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	L	M	N	P
SLCSC- 200-4W	4380	1810	1800	1200	870	3390	4100	1210	2300	2200	ø5"
SLCSC- 240-4W	4580	1810	1800	1200	920	3570	4300	1260	2400	2300	ø6"
SLCSC- 280-4W	5640	1880	2000	1500	830	4540	5300	1240	3460	2x1640	ø8"
SLCSC- 320-4W	5640	1880	2000	1500	830	4540	5300	1240	3460	2x1640	ø8"
SLCSC- 360-4W	5940	1880	2000	1500	980	4840	5600	1390	3460	2x1640	ø8"



DIMENSIONS—FOUR COMPRESSOR MODELS

MODEL	A	B	C	D	E	F	G	L	M	N	P
SLCSC- 200-4A	4380	1510	1500	900	870	3390	4100	1210	2300	2200	ø5"
SLCSC- 240-4A	4580	1510	1500	900	920	3570	4300	1260	2400	2300	ø6"
SLCSC- 280-4A	5640	1580	1760	1380	830	4540	5300	1240	3460	2x1640	ø8"
SLCSC- 320-4A	5640	1580	1760	1380	830	4540	5300	1240	3460	2x1640	ø8"
SLCSC- 360-4A	5940	1580	1760	1380	980	4840	5600	1390	3460	2x1640	ø8"



Engineering Notes

A series of horizontal dashed lines for writing notes, spanning the width of the page.



SARAVEL CORP.

Oct. 2010

Manufacturer reserves the right to make changes in design and construction, without notice.

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