



LARGE AIR-COOLED CONDENSING UNITS

SL/PL/DL

Technical Bulletin: 0606_258





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Please refer to our website @Krack.com	

NOMENCLATURE FOR LARGE AIR-COOLED CONDENSING UNITS

P L I - 0 7 0 0 - H 2 M

Condensing Unit Family

S = Single Compressor
 P = Parallel Compressors
 D = Dual Compressors

Levitor Condenser

Compressor Manufacturer

C = Carlyle Semi-Hermetic
 D = Copeland Discus
 I = Ingersoll Rand Semi-Hermetic
 V = Copeland Screw

Total HP

0100 = 10 HP w/Standard Condenser
 0101 = 10 HP w/Oversized Condenser
 0700 = (2) 35 HP w/Standard Condenser
 0701 = (2) 35 HP w/Oversized Condenser

Voltage Designation

K = 208/230/3/60
 M = 460/3/60
 P = 575/3/60
 U = 380/3/50

Refrigerant

2(V) = R-22
 4(S) = R-404A
 7(P) = R-507

Temperature Range

H= High
 M = Medium
 L = Low

FEATURES FOR LARGE AIR-COOLED CONDENSING UNITS

LARGE AIR-COOLED CONDENSING UNITS AVAILABLE IN STANDARD AND HIGH CAPACITY MODEL CONFIGURATIONS

- High Temperature R-22
 - Medium Temperature R-404A and R-507
 - Low Temperature R-404A and R-507
 - Low Temperature R-22
-

MODELS

- **SLI and SLD Series** units are new, more efficiently sized units that have a reduced footprint, more standard features and provide increased options for sizing large jobs.
- **PLI and PLD Series** parallel units are two compressors piped together to provide one circuit.
- **DLI and DLD Series** dual units are two compressors piped independently for a separate circuit operation.

COMPRESSOR

- Ingersoll Rand Compressors (SLI, PLI and DLI models) or Copeland Discus Compressors (SLD, PLD and DLD models).
- Factory balanced and rigid mounted to reduce risk of line fatigue failure and vibration eliminator leaks.
- Internal motor overheat protection.
- Crankcase heater is de-energized during compressor operation for energy savings.
- Oil level sight glass.
- SLI, PLI and DLI models with 15 HP compressor or below use an enhanced centrifugal lubrication system while models with 20 HP compressor or above use oil pumps.
- SLD, PLD and DLD models use an internal driven shaft oil pump with manual reset oil safety control.
- Back-seating suction and discharge valves.
- Safety controls are factory installed using high armored capillary tube to prevent cap tube leaks.
 - Automatic reset low pressure control.
 - Manual reset high pressure control.

RECEIVER

- Amply sized to allow for unit flooding charge, evaporator and 100 ft. liquid line.
 - Pressure relief valve.
 - Charging valve.

FEATURES FOR LARGE AIR-COOLED CONDENSING UNITS

CONDENSER

- Constructed with 3/8" grooved tubing for maximum efficiency.
- Separate sub-cooling circuit is piped through receiver to insure liquid at TEV.
- Adjustable head pressure system (flooding) for low ambient operation.
- Mechanically bonded, die formed, aluminum fin stock with full self-spacing collars.
- Maximum 10 FPI for efficiency and ease of maintenance.
- Generous sizing allows low head pressure operation.
- Oversized, high capacity condenser option for critically high ambient or capacity requirements.
- Suspended coil design eliminates tube sheet leaks.

FANS

- 30" statically and dynamically balanced direct drive fans with a separate motor for each fan.
- Fan sections are divided by full width baffles to prevent air by-pass.
- Standard three phase, 1.5 HP motor achieves 1140 RPM (SLI, PLI and DLI) or 850 RPM (SLD, PLD and DLD) and provides maximum efficiency with low noise fan blades.
- Each fan is protected by a heavy gauge, corrosion resistant fan guard.
- Pressure fan cycling is standard on multi-fan units.

CONTROL PANEL

- Fully enclosed and weather proofed.
- Single point connections provide reliable distribution to panel components.
- Dual compartments, separate line voltage and controls for safety during service.
- Lockable with field supplied padlock.
- Manual pump down switch for ease of service.
- 230V, single phase control voltage is standard.
 - A transformer is included where necessary.
- Power and control circuit terminal strip.

FEATURES FOR LARGE AIR-COOLED CONDENSING UNITS

REFRIGERANT CIRCUIT

- Replaceable core liquid line filter drier.
- Sight glass at receiver outlet for charging.
- Suction filter.
- Suction accumulator is included on L2, L4 and L7 units.

CONSTRUCTION FEATURES

- Galvanized cabinet.
- Condenser access/clean out doors.

OPTIONAL FEATURES

- 115 control voltage with transformer.
- Oil separator system to activate flow of oil. (Recommended for room temperatures of -10°F and below).
- Suction accumulator (medium/high temperature).
- Replaceable core suction filter.
- Heated and insulated receiver.
- Electrical control panel with all necessary controls to run electric defrost evaporators (includes timer, contactors).
- Air defrost timer.
- Fused disconnect shipped loose.
- Mounted non-fused disconnect with interlock.
- Cylinder unloaders for compressors.
- Alternate fin materials, such as vinyl and copper, can be specified for adverse environmental conditions.

NOTE:

- *Additional information will be given per model on their respective pages.*
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SLI SERIES

SLI - PERFORMANCE DATA

INGERSOLL RAND - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR						
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
SLI0100H2		IR4C1761S						
95°F	76.6	85.3	94.8	104.8	115.5	126.7	138.7	151.4
105°F	70.6	78.9	87.8	97.2	107.2	117.9	129.1	141.0
SLI0150H2		IR4C2397S						
95°F	107.4	119.8	133.2	147.9	163.1	179.5	196.8	215.3
105°F	99.1	110.7	123.4	137.4	151.5	166.7	183.1	200.6
SLI0200H2		IR4B2707P						
95°F	118.7	132.9	147.9	164.1	181.8	200.5	219.6	239.5
105°F	110.5	123.7	137.8	153.4	169.4	186.2	204.1	223.3
SLI0250H2		IR4B3139P						
95°F	138.7	155.3	173.1	192.4	213.2	235.3	258.6	283.0
105°F	129.8	145.3	162.2	180.7	200.2	221.2	243.3	266.9
SLI0300H2		IR4B3604P						
95°F	159.3	178.4	198.9	220.7	243.9	268.9	295.9	324.5
105°F	150.8	168.2	187.1	207.6	229.7	253.1	278.5	306.0
SLI0350H2		IR6B4709P						
95°F	207.6	232.5	259.2	287.9	318.2	350.8	386.0	423.3
105°F	194.2	217.7	243.0	270.6	299.7	331.0	364.1	399.3
SLI0400H2		IR6B5406P						
95°F	238.5	266.8	297.4	330.2	365.7	403.5	443.6	486.0
105°F	223.6	250.0	279.0	310.7	344.6	380.7	418.8	458.9
SLI0500H2		IR6B6462P						
95°F	283.6	317.0	352.8	390.9	431.9	475.8	522.6	572.7
105°F	266.5	298.0	331.9	368.4	407.7	449.8	494.3	540.7
SLI0600H2		IR8C7863P						
95°F	379.4	417.1	456.6	497.5	541.0	587.4	637.0	689.3
105°F	351.9	386.9	423.6	461.7	502.5	545.7	591.2	639.0

OVERSIZED CONDENSER

MODEL		COMPRESSOR						
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
SLI0101H2		IR4C1761S						
95°F	80.0	89.4	99.7	110.6	122.5	134.7	147.8	161.9
105°F	73.8	82.5	92.0	102.4	113.4	124.8	137.1	150.5
SLI0151H2		IR4C2397S						
95°F	109.8	122.8	136.9	152.4	169.3	187.0	204.9	223.7
105°F	101.5	113.7	127.0	141.5	157.2	173.6	190.5	208.2
SLI0201H2		IR4B2707P						
95°F	121.6	136.2	151.9	168.8	187.0	206.3	226.7	248.2
105°F	113.3	126.9	141.7	157.8	175.3	193.6	212.6	232.8
SLI0251H2		IR4B3139P						
95°F	139.7	156.4	174.4	194.0	214.9	237.4	261.0	286.4
105°F	130.7	146.5	163.7	182.4	202.1	223.4	246.0	270.2
SLI0301H2		IR4B3604P						
95°F	161.7	181.1	202.1	224.7	248.7	274.4	302.2	332.4
105°F	151.6	169.9	189.8	211.4	234.5	259.4	285.8	313.6
SLI0351H2		IR6B4709P						
95°F	210.1	235.3	262.5	291.9	323.1	356.2	391.9	430.7
105°F	196.6	220.4	246.3	274.4	304.0	335.8	369.6	406.3
SLI0401H2		IR6B5406P						
95°F	243.9	272.8	304.5	339.0	376.0	415.3	457.1	501.7
105°F	228.7	256.2	286.1	318.9	354.0	391.6	431.4	473.4
SLI0501H2		IR6B6462P						
95°F	290.4	324.8	362.0	402.3	445.8	492.3	541.9	594.4
105°F	272.8	305.5	340.9	379.2	420.6	464.9	511.8	561.4
SLI0601H2		IR8C7863P						
95°F	392.7	432.9	475.5	520.1	568.2	619.6	674.9	733.3
105°F	367.4	404.9	444.5	485.7	529.9	577.3	628.1	682.2

SLI - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0100H2		IR4C1761S									
42.3	7.0	59.9	80	21.2	3.5	30.0	40	16.9	2.4	23.5	30
SLI0150H2		IR4C2397S									
57.7	14.0	86.1	110	28.8	7.0	43.0	50	23.6	4.8	34.3	45
SLI0200H2		IR4B2707P									
61.5	14.0	90.9	110	30.8	7.0	45.5	60	24.4	4.8	35.3	45
SLI0250H2		IR4B3139P									
75.6	14.0	108.5	125	37.8	7.0	54.3	70	30.1	4.8	42.4	50
SLI0300H2		IR4B3604P									
89.7	14.0	126.1	150	44.9	7.0	63.1	80	35.9	4.8	49.7	60
SLI0350H2		IR6B4709P									
105.1	21.0	152.4	200	52.6	10.5	76.3	100	41.7	7.2	59.3	80
SLI0400H2		IR6B5406P									
141.0	21.0	197.3	250	70.5	10.5	98.6	125	56.4	7.2	77.7	100
SLI0500H2		IR6B6462P									
143.6	28.0	207.5	250	71.8	14.0	103.8	125	57.1	9.6	81.0	100
SLI0600H2		IR8C7863P									
183.2	42.0	271.0	350	91.6	21.0	135.5	175	81.1	14.4	115.8	150

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0101H2		IR4C1761S									
42.3	14.0	66.9	80	21.2	7.0	33.5	40	16.9	4.8	25.9	30
SLI0151H2		IR4C2397S									
57.7	14.0	86.1	110	28.8	7.0	43.0	50	23.6	4.8	34.3	45
SLI0201H2		IR4B2707P									
61.5	14.0	90.9	110	30.8	7.0	45.5	60	24.4	4.8	35.3	45
SLI0251H2		IR4B3139P									
75.6	21.0	115.5	150	37.8	10.5	57.8	70	30.1	7.2	44.8	50
SLI0301H2		IR4B3604P									
89.7	21.0	133.1	175	44.9	10.5	66.6	80	35.9	7.2	52.1	70
SLI0351H2		IR6B4709P									
105.1	21.0	152.4	200	52.6	10.5	76.3	100	41.7	7.2	59.3	80
SLI0401H2		IR6B5406P									
141.0	28.0	204.3	250	70.5	14.0	102.1	125	56.4	9.6	80.1	100
SLI0501H2		IR6B6462P									
143.6	42.0	221.5	250	71.8	21.0	110.8	125	57.1	14.4	85.8	110
SLI0601H2		IR8C7863P									
183.2	42.0	271.0	350	91.6	21.0	135.5	175	81.1	14.4	115.8	150

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

SLI SERIES

SLI - PERFORMANCE DATA

INGERSOLL RAND - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	
SLI0150M4		IR4C2397S								
95°F	78.6	88.9	100.2	112.2	125.1	138.9	153.7	169.3	185.4	
105°F	69.7	79.2	89.4	100.4	112.2	124.8	138.1	-	-	
SLI0200M4		IR4B2707P								
95°F	89.0	100.1	112.3	125.6	139.7	154.6	170.4	187.0	204.2	
105°F	80.6	90.7	101.6	113.7	126.9	140.5	154.6	-	-	
SLI0250M4		IR4B3139P								
95°F	104.4	117.4	131.6	147.2	163.9	182.0	200.8	220.2	240.4	
105°F	94.3	106.1	119.0	133.2	148.9	165.2	182.1	-	-	
SLI0300M4		IR4B3604P								
95°F	121.5	136.7	153.1	170.8	189.8	210.2	231.9	254.3	277.3	
105°F	109.6	123.3	138.2	154.5	172.0	190.4	210.0	-	-	
SLI0350M4		IR6B4709P								
95°F	155.8	175.3	196.6	219.6	244.7	271.0	298.7	327.7	358.8	
105°F	140.7	158.3	177.8	199.0	222.2	246.4	271.3	-	-	
SLI0400M4		IR6B5406P								
95°F	181.6	204.2	228.6	255.1	283.4	313.2	344.7	378.3	412.9	
105°F	164.3	184.7	206.8	231.0	257.3	284.3	312.9	-	-	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	
SLI0151M4		IR4C2397S								
95°F	80.7	91.6	104.2	115.9	129.6	144.2	159.8	176.4	193.8	
105°F	71.7	81.7	92.4	103.6	116.4	129.6	143.9	159.0	174.9	
SLI0201M4		IR4B2707P								
95°F	91.3	102.9	115.6	129.4	144.4	160.3	177.2	194.9	213.3	
105°F	82.6	93.1	104.7	117.3	131.2	145.7	161.0	177.1	194.0	
SLI0251M4		IR4B3139P								
95°F	107.6	121.2	136.0	152.4	170.6	189.8	210.1	231.4	253.4	
105°F	97.2	109.7	123.4	138.4	154.9	172.4	190.7	210.1	230.6	
SLI0301M4		IR4B3604P								
95°F	123.7	139.1	155.9	174.5	194.7	216.0	238.4	262.1	287.1	
105°F	111.7	125.7	141.1	158.1	176.8	196.5	216.8	238.3	261.1	
SLI0351M4		IR6B4709P								
95°F	160.3	180.5	202.7	227.1	253.9	282.2	312.0	343.4	376.2	
105°F	144.8	163.3	183.7	206.1	230.5	256.6	284.0	312.5	342.1	
SLI0401M4		IR6B5406P								
95°F	186.6	209.6	235.0	263.0	293.7	326.1	360.0	395.6	432.9	
105°F	168.9	190.1	213.4	239.0	266.9	296.4	327.2	359.6	393.4	

SLI - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
SLI0150M4		IR4C2397S											
57.7	14.0	86.1	110	28.8	7.0	43.0	50	23.6	4.8	34.3	45		
SLI0200M4		IR4B2707P											
61.5	14.0	90.9	110	30.8	7.0	45.5	60	24.4	4.8	35.3	45		
SLI0250M4		IR4B3139P											
75.6	14.0	108.5	125	37.8	7.0	54.3	70	30.1	4.8	42.4	50		
SLI0300M4		IR4B3604P											
89.7	14.0	126.1	150	44.9	7.0	63.1	80	35.9	4.8	49.7	60		
SLI0350M4		IR6B4709P											
105.1	21.0	152.4	200	52.6	10.5	76.3	100	41.7	7.2	59.3	80		
SLI0400M4		IR6B5406P											
141.0	21.0	197.3	250	70.5	10.5	98.6	125	56.4	7.2	77.7	100		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
SLI0151M4		IR4C2397S											
57.7	14.0	86.1	110	28.8	7.0	43.0	50	23.6	4.8	34.3	45		
SLI0201M4		IR4B2707P											
61.5	14.0	90.9	110	30.8	7.0	45.5	60	24.4	4.8	35.3	45		
SLI0251M4		IR4B3139P											
75.6	21.0	115.5	150	37.8	10.5	57.8	70	30.1	7.2	44.8	50		
SLI0301M4		IR4B3604P											
89.7	21.0	133.1	175	44.9	10.5	66.6	80	35.9	7.2	52.1	70		
SLI0351M4		IR6B4709P											
105.1	28.0	159.4	200	52.6	14.0	79.8	100	41.7	9.6	61.7	80		
SLI0401M4		IR6B5406P											
141.0	28.0	204.3	250	70.5	14.0	102.1	125	56.4	9.6	80.1	100		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

SLI SERIES

SLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLI0150L2		IR4B3139P								
95°F	25.7	32.5	40.0	48.3	57.3	67.0	77.7	89.8	103.2	
105°F	22.2	28.7	35.8	43.6	52.1	61.4	71.5	82.9	95.6	
SLI0220L2		IR4B3604P								
95°F	30.4	38.4	47.3	57.1	67.9	79.4	92.1	106.0	121.1	
105°F	26.2	33.9	42.2	51.2	61.4	72.7	84.9	98.3	113.1	
SLI0270L2		IR6B4709P								
95°F	39.2	49.6	61.0	73.7	87.5	102.3	119.0	137.5	157.8	
105°F	33.9	43.2	53.8	65.9	79.5	94.4	110.2	127.7	146.9	
SLI0300L2		IR6B5406P								
95°F	45.7	57.8	71.1	85.8	101.5	118.9	138.0	158.8	181.9	
105°F	39.5	50.5	62.8	76.8	92.3	109.1	127.5	147.8	169.9	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLI0151L2		IR4B3139P								
95°F	26.3	33.4	41.1	49.7	58.9	69.2	80.5	93.0	106.5	
105°F	22.8	29.4	36.7	44.8	53.6	63.2	73.9	85.8	99.2	
SLI0221L2		IR4B3604P								
95°F	31.1	39.4	48.4	58.3	69.1	80.9	93.9	108.3	124.1	
105°F	26.9	34.6	43.1	52.4	62.9	74.3	86.8	100.7	115.9	
SLI0271L2		IR6B4709P								
95°F	39.4	50.0	61.5	74.3	88.2	103.2	120.2	138.9	159.4	
105°F	34.1	43.6	54.3	66.5	80.1	95.2	111.2	128.9	148.3	
SLI0301L2		IR6B5406P								
95°F	46.4	58.9	72.5	87.5	103.4	121.2	140.7	162.0	185.6	
105°F	40.0	51.3	63.9	78.2	93.9	111.3	130.1	150.8	173.3	

SLI - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0150L2		IR4B3139P													
67.5	7.0	91.4	125	32.0	3.5	43.5	50	24.4	2.4	32.9	45				
SLI0220L2		IR4B3604P													
79.2	14.0	113.0	150	35.8	7.0	51.8	60	32.0	4.8	44.8	60				
SLI0270L2		IR6B4709P													
103.2	14.0	143.0	175	48.0	7.0	67.0	90	40.0	4.8	54.8	70				
SLI0300L2		IR6B5406P													
122.1	14.0	166.6	225	56.0	7.0	77.0	100	44.2	4.8	60.1	80				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0151L2		IR4B3139P													
67.5	14.0	98.4	125	32.0	7.0	47.0	60	24.4	4.8	35.3	45				
SLI0221L2		IR4B3604P													
79.2	14.0	113.0	150	35.8	7.0	51.8	60	32.0	4.8	44.8	60				
SLI0271L2		IR6B4709P													
103.2	21.0	150.0	200	48.0	10.5	70.5	90	40.0	7.2	57.2	70				
SLI0301L2		IR6B5406P													
122.1	21.0	173.6	225	56.0	10.5	80.5	100	44.2	7.2	62.5	80				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

SLI SERIES

SLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR							
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH
SLI0150L4		IR4B3139P							
95°F	34.2	41.2	48.8	57.0	65.9	75.7	86.0	97.2	109.1
105°F	29.8	36.2	43.2	50.8	59.0	67.9	77.5	87.7	98.7
SLI0220L4		IR4B3604P							
95°F	40.8	48.9	58.0	67.8	78.4	90.1	102.4	115.7	129.8
105°F	35.4	42.9	51.1	60.1	70.0	80.6	92.0	104.1	117.2
SLI0270L4		IR6B4709P							
95°F	52.0	62.5	74.2	86.9	100.8	116.1	132.3	149.5	167.9
105°F	45.7	55.5	66.2	77.8	90.4	104.2	119.0	134.8	151.9
SLI0300L4		IR6B5406P							
95°F	62.2	74.2	87.5	102.0	118.3	135.9	154.7	174.4	195.3
105°F	54.3	65.0	77.2	91.0	105.9	121.9	139.1	157.4	176.5

OVERSIZED CONDENSER

MODEL		COMPRESSOR							
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH
SLI0151L4		IR4B3139P							
95°F	35.1	42.3	50.2	58.8	68.3	78.6	89.6	101.4	114.2
105°F	30.6	37.3	44.5	52.4	61.1	70.5	80.6	91.6	103.2
SLI0221L4		IR4B3604P							
95°F	41.8	50.2	59.5	69.7	80.7	92.8	105.6	119.5	134.6
105°F	36.3	44.1	52.6	61.9	72.1	83.2	95.1	107.9	121.7
SLI0271L4		IR6B4709P							
95°F	52.4	63.1	74.9	87.7	101.8	117.3	133.9	151.5	170.3
105°F	46.0	55.9	66.8	78.5	91.3	105.3	120.4	136.6	154.0
SLI0301L4		IR6B5406P							
95°F	63.2	75.5	89.1	104.1	120.8	138.9	158.6	179.3	201.1
105°F	55.2	66.2	78.7	92.8	108.3	125.0	142.9	162.0	182.0

SLI - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0150L4		IR4B3139P									
67.5	7.0	91.4	125	32.0	3.5	43.5	50	24.4	2.4	32.9	45
SLI0220L4		IR4B3604P									
79.2	14.0	113.0	150	35.8	7.0	51.8	60	32.0	4.8	44.8	60
SLI0270L4		IR6B4709P									
103.2	14.0	143.0	175	48.0	7.0	67.0	90	40.0	4.8	54.8	70
SLI0300L4		IR6B5406P									
122.1	14.0	166.6	225	56.0	7.0	77.0	100	44.2	4.8	60.1	80

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLI0151L4		IR4B3139P									
67.5	14.0	98.4	125	32.0	7.0	47.0	60	24.4	4.8	35.3	45
SLI0221L4		IR4B3604P									
79.2	14.0	113.0	150	35.8	7.0	51.8	60	32.0	4.8	44.8	60
SLI0271L4		IR6B4709P									
103.2	21.0	150.0	200	48.0	10.5	70.5	90	40.0	7.2	57.2	70
SLI0301L4		IR6B5406P									
122.1	21.0	173.6	225	56.0	10.5	80.5	100	44.2	7.2	62.5	80

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

PLI SERIES

PLI - PERFORMANCE DATA

INGERSOLL RAND - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR									
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH		
PLI0500H2		2-IR4B3139P									
95°F	273.4	305.8	340.8	378.4	418.6	461.4	506.8	554.8	-		
105°F	255.8	286.4	319.6	355.4	393.6	434.4	477.6	522.8	-		
PLI0600H2		2-IR4B3604P									
95°F	318.7	356.8	397.8	441.5	487.8	537.8	591.8	648.9	-		
105°F	301.6	336.4	374.2	415.2	459.4	506.2	557.0	612.1	-		
PLI0700H2		2-IR6B4709P									
95°F	415.2	465.0	518.4	575.8	636.4	701.6	772.0	846.6	-		
105°F	388.4	435.4	486.0	541.2	599.4	662.0	728.2	798.5	-		
PLI0800H2		2-IR6B5406P									
95°F	477.0	533.6	594.8	660.4	731.4	807.0	887.2	972.0	-		
105°F	447.2	500.0	558.0	621.4	689.2	761.4	837.6	917.8	-		
PLI1000H2		2-IR6B6462P									
95°F	567.1	634.0	705.6	781.8	863.8	951.6	1045.2	1145.3	-		
105°F	532.9	596.0	663.8	736.8	815.4	899.6	988.6	1081.4	-		
PLI1200H2		2-IR8C7863P									
95°F	769.2	847.2	929.4	1012.2	1101.4	1196.8	1298.8	1407.4	-		
105°F	718.4	790.0	864.8	943.0	1026.2	1114.4	1207.8	1307.0	-		

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH		
PLI0501H2		2-IR4B3139P									
95°F	279.4	312.8	348.8	388.1	429.8	474.8	522.0	572.7	627.0		
105°F	261.3	293.0	327.4	364.9	404.2	446.8	492.0	540.3	591.8		
PLI0601H2		2-IR4B3604P									
95°F	323.4	362.2	404.2	449.5	497.4	548.8	604.4	664.7	728.0		
105°F	303.2	339.8	379.6	422.9	469.0	518.8	571.6	627.2	687.1		
PLI0701H2		2-IR6B4709P									
95°F	420.3	470.6	525.0	583.9	646.2	712.4	783.8	861.3	942.5		
105°F	393.2	440.8	492.6	548.9	608.0	671.6	739.2	812.6	889.7		
PLI0801H2		2-IR6B5406P									
95°F	487.9	545.6	609.0	678.0	752.0	830.6	914.2	1003.5	1099.1		
105°F	457.3	512.4	572.2	637.9	708.0	783.2	862.8	946.9	1037.0		
PLI1001H2		2-IR6B6462P									
95°F	582.1	651.0	725.6	806.4	893.6	986.8	1086.0	1191.8	1304.1		
105°F	547.0	612.6	683.6	760.0	842.6	931.6	1026.6	1127.0	1232.4		
PLI1201H2		2-IR8C7863P									
95°F	790.5	870.8	956.4	1048.1	1146.5	1251.1	1362.2	1480.7	1606.3		
105°F	739.9	814.6	894.4	979.8	1070.7	1167.6	1270.5	1379.5	1494.9		

PLI - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0500H2		2-IR4B3139P													
75.6	21.0	191.1	225	37.8	10.5	95.6	110	30.1	7.2	74.9	80				
PLI0600H2		2-IR4B3604P													
89.7	28.0	229.8	250	44.9	14.0	115.0	125	35.9	9.6	90.4	100				
PLI0700H2		2-IR6B4709P													
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125				
PLI0800H2		2-IR6B5406P													
141.0	42.0	359.3	400	70.5	21.0	179.6	200	56.4	14.4	141.3	150				
PLI1000H2		2-IR6B6462P													
143.6	56.0	379.1	450	71.8	28.0	189.6	225	57.1	19.2	147.7	175				
PLI1200H2		2-IR8C7863P													
183.2	70.0	482.2	600	91.6	35.0	241.1	300	81.1	24.0	206.5	225				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0501H2		2-IR4B3139P													
75.6	42.0	212.1	225	37.8	21.0	106.1	125	30.1	14.4	82.1	90				
PLI0601H2		2-IR4B3604P													
89.7	42.0	243.8	300	44.9	21.0	122.0	150	35.9	14.4	95.2	110				
PLI0701H2		2-IR6B4709P													
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125				
PLI0801H2		2-IR6B5406P													
141.0	56.0	373.3	400	70.5	28.0	186.6	200	56.4	19.2	146.1	175				
PLI1001H2		2-IR6B6462P													
143.6	70.0	393.1	450	71.8	35.0	196.6	225	57.1	24.0	152.5	175				
PLI1201H2		2-IR8C7863P													
183.2	84.0	496.2	600	91.6	42.0	248.1	300	81.1	28.8	211.3	250				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

PLI SERIES

PLI - PERFORMANCE DATA												
INGERSOLL RAND - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY												
STANDARD CONDENSER												
MODEL		COMPRESSOR										
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	
PLI0500M4		2-IR4B3139P										
95°F	205.4	230.4	257.8	287.8	320.6	355.2	391.4	428.6	467.0	507.6	-	
105°F	185.2	208.0	233.2	260.6	290.8	321.6	354.4	-	-	-	-	
PLI0600M4		2-IR4B3604P										
95°F	242.9	273.4	306.2	341.6	379.6	420.4	463.8	508.6	554.6	603.2	-	
105°F	219.2	246.6	276.4	309.0	344.0	380.8	420.0	-	-	-	-	
PLI0700M4		2-IR6B4709P										
95°F	311.6	350.6	393.2	439.2	489.4	542.0	597.4	655.4	717.5	781.3	-	
105°F	281.5	316.6	355.6	398.0	444.3	492.8	542.7	-	-	-	-	
PLI0800M4		2-IR6B5406P										
95°F	363.2	408.4	457.2	510.2	566.9	626.4	689.4	756.5	825.9	898.0	-	
105°F	328.5	369.4	413.6	462.0	514.6	568.5	625.9	-	-	-	-	
OVERSIZED CONDENSER												
MODEL		COMPRESSOR										
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	
PLI0501M4		2-IR4B3139P										
95°F	215.2	242.4	272.0	304.8	341.2	379.6	420.2	462.8	506.7	553.8	604.0	
105°F	194.3	219.4	246.8	276.8	309.9	344.8	381.4	420.3	461.2	504.4	549.6	
PLI0601M4		2-IR4B3604P										
95°F	247.4	278.2	311.8	349.0	389.3	432.0	476.8	524.2	574.1	626.6	681.6	
105°F	223.4	251.4	282.2	316.2	353.6	393.0	433.6	476.7	522.2	569.8	619.4	
PLI0701M4		2-IR6B4709P										
95°F	320.6	361.0	405.4	454.2	507.8	564.4	624.0	686.8	752.4	821.6	894.8	
105°F	289.6	326.6	367.4	412.2	461.0	513.2	568.0	625.0	684.2	747.2	813.6	
PLI0801M4		2-IR6B5406P										
95°F	373.2	419.2	470.0	526.0	587.3	652.2	720.0	791.2	865.8	944.6	1027.0	
105°F	337.7	380.2	426.8	478.0	533.7	592.8	654.4	719.2	786.8	858.0	932.2	

PLI - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
PLI0500M4		2-IR4B3139P											
75.6	21.0	191.1	225	37.8	10.5	95.6	110	30.1	7.2	74.9	80		
PLI0600M4		2-IR4B3604P											
89.7	28.0	229.8	250	44.9	14.0	115.0	125	35.9	9.6	90.4	100		
PLI0700M4		2-IR6B4709P											
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125		
PLI0800M4		2-IR6B5406P											
141.0	42.0	359.3	400	70.5	21.0	179.6	200	56.4	14.4	141.3	150		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
PLI0501M4		2-IR4B3139P											
75.6	42.0	212.1	225	37.8	21.0	106.1	125	30.1	14.4	82.1	90		
PLI0601M4		2-IR4B3604P											
89.7	42.0	243.8	300	44.9	21.0	122.0	150	35.9	14.4	95.2	110		
PLI0701M4		2-IR6B4709P											
105.1	56.0	292.5	350	52.6	28.0	146.4	175	41.7	19.2	113.0	125		
PLI0801M4		2-IR6B5406P											
141.0	56.0	373.3	400	70.5	28.0	186.6	200	56.4	19.2	146.1	175		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

PLI SERIES

PLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR									
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH		
PLI0440L2		2-IR4B3604P									
95°F	60.4	74.2	90.8	110.6	134.4	160.2	187.4	214.6	240.8		
105°F	52.2	65.6	81.6	100.4	122.4	146.4	172.0	198.2	225.0		
PLI0540L2		2-IR4B4709P									
95°F	77.0	95.0	116.4	141.8	171.8	205.0	239.6	274.6	309.6		
105°F	66.6	83.6	104.0	128.2	156.4	187.4	220.4	254.0	288.2		
PLI0600L2		2-IR6B5406P									
95°F	91.5	115.6	142.2	171.6	203.1	237.8	276.0	317.6	363.9		
105°F	79.1	101.0	125.6	153.6	184.6	218.2	255.0	295.6	339.9		

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH		
PLI0441L2		2-IR4B3604P									
95°F	61.4	75.4	92.2	112.4	136.4	162.8	190.4	218.0	244.6		
105°F	53.0	66.6	82.8	101.8	124.0	148.4	174.4	201.2	228.6		
PLI0541L2		2-IR4B4709P									
95°F	79.4	98.0	120.2	146.6	177.6	211.8	247.6	283.8	320.3		
105°F	68.5	86.2	107.2	132.0	161.2	193.2	227.2	262.2	298.2		
PLI0601L2		2-IR6B5406P									
95°F	92.8	117.8	145.0	175.0	206.7	242.4	281.4	324.0	371.1		
105°F	80.1	102.6	127.8	156.4	188.0	222.6	260.2	301.6	346.7		

PLI - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0440L2		2-IR4B3604P													
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90				
PLI0540L2		2-IR6B4709P													
103.2	21.0	253.2	300	48.0	10.5	118.5	125	40.0	7.2	97.2	110				
PLI0600L2		2-IR6B5406P													
122.1	28.0	302.7	350	56.0	14.0	140.0	150	44.2	9.6	109.1	125				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0441L2		2-IR4B3604P													
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90				
PLI0541L2		2-IR6B4709P													
103.2	28.0	260.2	300	48.0	14.0	122.0	150	40.0	9.6	99.6	110				
PLI0601L2		2-IR6B5406P													
122.1	42.0	316.7	350	56.0	21.0	147.0	175	44.2	14.4	113.9	125				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

PLI SERIES

PLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLI0440L4		2-IR4B3604P								
95°F	81.2	97.4	115.4	134.8	155.8	178.4	202.6	229.0	257.8	
105°F	70.6	85.4	101.6	119.6	139.2	160.0	182.4	206.6	232.8	
PLI0540L4		2-IR4B4709P								
95°F	102.6	123.8	146.6	171.4	197.6	226.4	257.6	291.2	327.0	
105°F	90.0	109.2	130.2	152.6	177.4	204.0	232.0	263.0	296.0	
PLI0600L4		2-IR6B5406P								
95°F	122.6	145.6	171.6	200.6	232.5	266.4	302.8	341.2	381.6	
105°F	107.1	128.0	151.8	178.6	208.2	240.0	273.6	308.6	344.5	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLI0441L4		2-IR4B3604P								
95°F	83.6	100.4	119.0	139.4	161.3	185.6	211.2	239.0	269.3	
105°F	72.6	88.2	105.2	123.8	144.1	166.4	190.2	215.8	243.3	
PLI0541L4		2-IR4B4709P								
95°F	105.5	127.6	151.2	177.0	204.8	235.4	268.6	304.4	342.7	
105°F	92.5	112.4	134.4	157.8	183.7	211.8	242.2	275.0	310.0	
PLI0601L4		2-IR6B5406P								
95°F	126.3	150.6	177.8	208.2	241.6	277.6	316.6	358.2	402.2	
105°F	110.4	132.4	157.4	185.6	216.7	250.4	286.6	324.6	364.0	

PLI - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0440L4		2-IR4B3604P													
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90				
PLI0540L4		2-IR4B4709P													
103.2	21.0	253.2	300	48.0	10.5	118.5	125	40.0	7.2	97.2	110				
PLI0600L4		2-IR6B5406P													
122.1	28.0	302.7	350	56.0	14.0	140.0	150	44.2	9.6	109.1	125				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLI0441L4		2-IR4B3604P													
79.2	28.0	206.2	225	35.8	14.0	94.6	110	32.0	9.6	81.6	90				
PLI0541L4		2-IR4B4709P													
103.2	28.0	260.2	300	48.0	14.0	122.0	150	40.0	9.6	99.6	110				
PLI0601L4		2-IR6B5406P													
122.1	42.0	316.7	350	56.0	21.0	147.0	175	44.2	14.4	113.9	125				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

DLI SERIES

DLI - PERFORMANCE DATA

INGERSOLL RAND - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH	
DLI0100H2		2-IR4C0770S								
95°F	30.7	34.7	38.8	43.0	47.5	52.4	57.6	-	-	
105°F	27.9	31.7	35.6	39.5	43.7	48.3	53.3	-	-	
DLI0150H2		2-IR4C1145S								
95°F	46.5	52.2	58.3	64.7	71.6	78.9	86.6	-	-	
105°F	42.4	47.8	53.6	59.6	66.0	72.9	80.2	-	-	
DLI0160H2		2-IR4C1145S								
95°F	48.5	54.7	61.2	67.9	75.1	82.9	91.3	-	-	
105°F	44.4	50.3	56.4	62.6	69.3	76.6	84.5	-	-	
DLI0180H2		2-IR4C1480S								
95°F	63.3	70.7	78.5	86.8	95.6	105.0	115.0	-	-	
105°F	58.3	65.3	72.7	80.3	88.5	97.3	106.7	-	-	
DLI0200H2		2-IR4C1761S								
95°F	76.6	85.6	95.0	104.8	115.5	126.7	138.7	-	-	
105°F	70.6	78.9	87.8	97.2	107.2	117.9	129.1	-	-	
DLI0240H2		2-IR4C2067S								
95°F	91.4	102.5	114.0	125.6	138.1	151.5	165.9	-	-	
105°F	84.5	95.0	105.8	116.7	128.5	141.2	154.7	-	-	
DLI0300H2		2-IR4C2397S								
95°F	106.6	119.7	133.3	147.1	162.0	178.0	195.1	-	-	
105°F	98.6	110.8	123.5	136.6	150.6	165.6	181.6	-	-	
DLI0400H2		2-IR4B2707P								
95°F	118.2	132.2	147.2	163.1	180.0	198.1	217.1	-	-	
105°F	110.0	123.1	137.2	152.5	168.7	185.7	203.6	-	-	
DLI0500H2		2-IR4B3139P								
95°F	136.7	152.9	170.4	189.2	209.3	230.7	253.4	-	-	
105°F	127.9	143.2	159.8	177.7	196.8	217.2	238.8	-	-	
DLI0600H2		2-IR4B3604P								
95°F	159.3	178.4	198.9	220.7	243.9	268.9	295.9	324.5	354.6	
105°F	150.8	168.2	187.1	207.6	229.7	253.1	278.5	306.0	334.7	
DLI0700H2		2-IR6B4709P								
95°F	207.6	232.5	259.2	287.9	318.2	350.8	386.0	423.3	462.9	
105°F	194.2	217.7	243.0	270.6	299.7	331.0	364.1	399.3	436.8	
DLI0800H2		2-IR6B5406P								
95°F	238.5	266.8	297.4	330.2	365.7	403.5	443.6	486.0	530.6	
105°F	223.6	250.0	279.0	310.7	344.6	380.7	418.8	458.9	500.6	
DLI1000H2		2-IR6B6462P								
95°F	283.6	317.0	352.8	390.9	431.9	475.8	522.6	572.7	625.4	
105°F	266.5	298.0	331.9	368.4	407.7	449.8	494.3	540.7	590.9	
DLI1200H2		2-IR8C7863P								
95°F	384.6	423.6	464.7	506.1	550.7	598.4	649.4	703.7	761.4	
105°F	359.2	395.0	432.4	471.5	513.1	557.2	603.9	653.5	705.9	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH	
DLI0101H2		2-IR4C0770S								
95°F	32.4	36.6	41.0	45.6	50.6	56.0	61.8	68.0	74.5	
105°F	30.1	33.9	37.9	42.1	46.7	51.7	57.2	63.1	69.4	
DLI0151H2		2-IR4C1145S								
95°F	48.5	54.7	61.2	67.9	75.1	82.9	91.3	100.3	109.8	
105°F	44.4	50.3	56.4	62.6	69.3	76.6	84.5	93.0	102.1	
DLI0161H2		2-IR4C1145S								
95°F	49.6	56.0	62.7	69.6	77.1	85.2	93.9	103.3	113.5	
105°F	45.4	51.4	57.7	64.3	71.4	79.1	87.4	96.3	105.7	
DLI0181H2		2-IR4C1480S								
95°F	65.9	74.1	82.6	91.1	100.3	110.3	121.1	132.7	145.2	
105°F	61.8	68.9	76.4	84.3	92.9	102.2	112.3	123.2	135.1	
DLI0201H2		2-IR4C1761S								
95°F	79.8	89.4	99.5	110.0	121.2	133.3	146.4	160.5	175.7	
105°F	73.5	82.3	91.8	101.9	112.7	124.3	136.6	149.6	163.4	
DLI0241H2		2-IR4C2067S								
95°F	93.5	105.1	117.1	129.2	142.3	156.5	171.8	188.3	205.9	
105°F	86.4	97.3	108.5	119.9	132.3	145.7	160.1	175.5	191.8	
DLI0301H2		2-IR4C2397S								
95°F	108.2	121.6	135.5	149.7	165.1	181.7	199.5	218.6	238.8	
105°F	100.1	112.5	125.5	138.9	153.3	168.8	185.4	203.2	222.1	
DLI0401H2		2-IR4B2707P								
95°F	121.6	136.2	151.9	168.8	187.0	206.3	226.7	248.2	271.3	
105°F	113.3	126.9	141.7	157.8	175.3	193.6	212.6	232.8	254.5	
DLI0501H2		2-IR4B3139P								
95°F	139.7	156.4	174.4	194.0	214.9	237.4	261.0	286.4	313.5	
105°F	130.7	146.5	163.7	182.4	202.1	223.4	246.0	270.2	295.9	
DLI0601H2		2-IR4B3604P								
95°F	161.7	181.1	202.1	224.7	248.7	274.4	302.2	332.4	364.0	
105°F	151.6	169.9	189.8	211.4	234.5	259.4	285.8	313.6	343.6	
DLI0701H2		2-IR6B4709P								
95°F	210.1	235.3	262.5	291.9	323.1	356.2	391.9	430.7	471.3	
105°F	196.6	220.4	246.3	274.4	304.0	335.8	369.6	406.3	444.8	
DLI0801H2		2-IR6B5406P								
95°F	243.9	272.8	304.5	339.0	376.0	415.3	457.1	501.7	549.6	
105°F	228.7	256.2	286.1	318.9	354.0	391.6	431.4	473.4	518.5	
DLI1001H2		2-IR6B6462P								
95°F	291.1	325.5	362.8	403.2	446.8	493.4	543.0	595.9	652.1	
105°F	273.5	306.3	341.8	380.0	421.3	465.8	513.3	563.5	616.2	
DLI1201H2		2-IR8C7863P								
95°F	395.3	435.4	478.2	524.1	573.2	625.5	681.1	740.4	803.1	
105°F	369.9	407.3	447.2	489.9	535.4	583.8	635.3	689.8	747.5	

DLI SERIES

DLI - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLI0100H2		2-IR4C0770S													
22.0	7.0	56.5	60	13.1	3.5	33.0	40	8.7	2.4	22.0	25				
DLI0150H2		2-IR4C1145S													
29.0	7.0	72.3	80	13.8	3.5	34.6	40	10.3	2.4	25.6	30				
DLI0160H2		2-IR4C1145S													
29.0	14.0	79.3	90	13.8	7.0	38.1	40	10.3	4.8	28.0	30				
DLI0180H2		2-IR4C1480S													
38.5	14.0	100.6	110	19.2	7.0	50.2	60	15.4	4.8	39.5	45				
DLI0200H2		2-IR4C1761S													
42.3	14.0	109.2	125	21.2	7.0	54.7	60	16.9	4.8	42.8	50				
DLI0240H2		2-IR4C2067S													
48.7	14.0	123.6	150	24.4	7.0	61.9	70	19.6	4.8	48.9	60				
DLI0300H2		2-IR4C2397S													
57.7	21.0	150.8	175	28.8	10.5	75.3	80	23.6	7.2	60.3	70				
DLI0400H2		2-IR4B2707P													
61.5	21.0	159.4	175	30.8	10.5	79.8	90	24.4	7.2	62.1	70				
DLI0500H2		2-IR4B3139P													
75.6	21.0	191.1	225	37.8	10.5	95.6	110	30.1	7.2	74.9	80				
DLI0600H2		2-IR4B3604P													
89.7	28.0	229.8	250	44.9	14.0	115.0	125	35.9	9.6	90.4	100				
DLI0700H2		2-IR6B4709P													
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125				
DLI0800H2		2-IR6B5406P													
79.2	42.0	359.3	400	70.5	21.0	179.6	200	56.4	14.4	141.3	150				
DLI1000H2		2-IR6B6462P													
103.2	56.0	379.1	450	71.8	28.0	189.6	225	57.1	19.2	147.7	175				
DLI1200H2		2-IR8C7863P													
122.1	70.0	482.2	600	91.6	35.0	241.1	300	81.1	24.0	206.5	225				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLI0101H2		2-IR4C0770S													
22.0	7.0	56.5	60	13.1	3.5	33.0	40	8.7	2.4	22.0	25				
DLI0151H2		2-IR4C1145S													
29.0	14.0	79.3	90	13.8	7.0	38.1	40	10.3	4.8	28.0	30				
DLI0161H2		2-IR4C1145S													
29.0	14.0	79.3	90	13.8	7.0	38.1	40	10.3	4.8	28.0	30				
DLI0181H2		2-IR4C1480S													
38.5	14.0	100.6	110	19.2	7.0	50.2	60	15.4	4.8	39.5	45				
DLI0201H2		2-IR4C1761S													
42.3	21.0	116.2	125	21.2	10.5	58.2	70	16.9	7.2	45.2	50				
DLI0241H2		2-IR4C2067S													
48.7	21.0	130.6	150	24.4	10.5	65.4	70	19.6	7.2	51.3	60				
DLI0301H2		2-IR4C2397S													
57.7	21.0	150.8	175	28.8	10.5	75.3	80	23.6	7.2	60.3	70				
DLI0401H2		2-IR4B2707P													
61.5	28.0	166.4	175	30.8	14.0	83.3	90	24.4	9.6	64.5	70				
DLI0501H2		2-IR4B3139P													
75.6	42.0	212.1	225	37.8	21.0	106.1	125	30.1	14.4	82.1	90				
DLI0601H2		2-IR4B3604P													
89.7	42.0	243.8	300	44.9	21.0	122.0	150	35.9	14.4	95.2	110				
DLI0701H2		2-IR6B4709P													
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125				
DLI0801H2		2-IR6B5406P													
79.2	56.0	373.3	400	70.5	28.0	186.6	200	56.4	19.2	146.1	175				
DLI1001H2		2-IR6B6462P													
103.2	70.0	393.1	450	71.8	35.0	196.6	225	57.1	24.0	152.5	175				
DLI1201H2		2-IR8C7863P													
122.1	84.0	496.2	600	91.6	42.0	248.1	300	81.1	28.8	211.3	250				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

DLI SERIES

DLI - PERFORMANCE DATA											
INGERSOLL RAND - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY											
STANDARD CONDENSER											
MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
DLI0400M4		2-IR4B2707P									
95°F	88.6	99.6	111.6	124.6	138.8	153.6	169.2	185.5	202.4	220.1	-
105°F	80.2	90.1	101.0	112.9	126.0	139.4	153.6	-	-	-	-
DLI0500M4		2-IR4B3139P									
95°F	102.7	115.2	128.9	143.9	160.3	177.6	195.7	214.3	233.5	253.8	-
105°F	92.6	104.0	116.6	130.3	145.4	160.8	177.2	-	-	-	-
DLI0600M4		2-IR4B3604P									
95°F	121.5	136.7	153.1	170.8	189.8	210.2	231.9	254.3	277.3	301.6	-
105°F	109.6	123.3	138.2	154.5	172.0	190.4	210.0	-	-	-	-
DLI0700M4		2-IR6B4709P									
95°F	155.8	175.3	196.6	219.6	244.7	271.0	298.7	327.7	358.8	390.7	-
105°F	140.7	158.3	177.8	199.0	222.2	246.4	271.3	-	-	-	-
DLI0800M4		2-IR6B5406P									
95°F	181.6	204.2	228.6	255.1	283.4	313.2	344.7	378.3	412.9	449.0	-
105°F	164.3	184.7	206.8	231.0	257.3	284.3	312.9	-	-	-	-
OVERSIZED CONDENSER											
MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
DLI0401M4		2-IR4B2707P									
95°F	91.3	102.9	115.6	129.4	144.4	160.3	177.2	194.9	213.3	232.8	253.2
105°F	82.6	93.1	104.7	117.3	131.2	145.7	161.0	177.1	194.0	211.4	230.0
DLI0501M4		2-IR4B3139P									
95°F	107.6	121.2	136.0	152.4	170.6	189.8	210.1	231.4	253.4	276.9	302.0
105°F	97.2	109.7	123.4	138.4	154.9	172.4	190.7	210.1	230.6	252.2	274.8
DLI0601M4		2-IR4B3604P									
95°F	123.7	139.1	155.9	174.5	194.7	216.0	238.4	262.1	287.1	313.3	340.8
105°F	111.7	125.7	141.1	158.1	176.8	196.5	216.8	238.3	261.1	284.9	309.7
DLI0701M4		2-IR6B4709P									
95°F	160.3	180.5	202.7	227.1	253.9	282.2	312.0	343.4	376.2	410.8	447.4
105°F	144.8	163.3	183.7	206.1	230.5	256.6	284.0	312.5	342.1	373.6	406.8
DLI0801M4		2-IR6B5406P									
95°F	186.6	209.6	235.0	263.0	293.7	326.1	360.0	395.6	432.9	472.3	513.5
105°F	168.9	190.1	213.4	239.0	266.9	296.4	327.2	359.6	393.4	429.0	466.1

DLI - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER												OVERSIZED CONDENSER											
MODEL		COMPRESSOR										MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60				208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLI0400M4		2-IR4B2707P										DLI0401M4		2-IR4B2707P									
61.5	21.0	159.4	175	30.8	10.5	79.8	90	24.4	7.2	62.1	70	61.5	28.0	166.4	175	30.8	14.0	83.3	90	24.4	9.6	64.5	70
DLI0500M4		2-IR4B3139P										DLI0501M4		2-IR4B3139P									
75.6	21.0	191.1	225	37.8	10.5	95.6	110	30.1	7.2	74.9	80	75.6	42.0	212.1	225	37.8	21.0	106.1	125	30.1	14.4	82.1	90
DLI0600M4		2-IR4B3604P										DLI0601M4		2-IR4B3604P									
89.7	28.0	229.8	250	44.9	14.0	115.0	125	35.9	9.6	90.4	100	89.7	42.0	243.8	300	44.9	21.0	122.0	150	35.9	14.4	95.2	110
DLI0700M4		2-IR6B4709P										DLI0701M4		2-IR6B4709P									
105.1	42.0	278.5	300	52.6	21.0	139.4	150	41.7	14.4	108.2	125	105.1	56.0	292.5	350	52.6	28.0	146.4	175	41.7	19.2	113.0	125
DLI0800M4		2-IR6B5406P										DLI0801M4		2-IR6B5406P									
141.0	42.0	359.3	400	70.5	21.0	179.6	200	56.4	14.4	141.3	150	141.0	56.0	373.3	400	70.5	28.0	186.6	200	56.4	19.2	146.1	175

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

DLI SERIES

DLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLI0440L2		2-IR4B3604P								
95°F	30.2	37.1	45.4	55.3	67.2	80.1	93.7	107.3	120.4	
105°F	26.1	32.8	40.8	50.2	61.2	73.2	86.0	99.1	112.5	
DLI0540L2		2-IR6B4709P								
95°F	38.5	47.5	58.2	70.9	85.9	102.5	119.8	137.3	154.8	
105°F	33.3	41.8	52.0	64.1	78.2	93.7	110.2	127.0	144.1	
DLI0600L2		2-IR6B5406P								
95°F	45.7	57.8	71.1	85.8	101.5	118.9	138.0	158.8	181.9	
105°F	39.5	50.5	62.8	76.8	92.3	109.1	127.5	147.8	169.9	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLI0441L2		2-IR4B3604P								
95°F	30.7	37.7	46.1	56.2	68.2	81.4	95.2	109.0	122.3	
105°F	26.5	33.3	41.4	50.9	62.0	74.2	87.2	100.6	114.3	
DLI0541L2		2-IR6B4709P								
95°F	39.7	49.0	60.1	73.3	88.8	105.9	123.8	141.9	160.2	
105°F	34.3	43.1	53.6	66.0	80.6	96.6	113.6	131.1	149.1	
DLI0601L2		2-IR6B5406P								
95°F	46.4	58.9	72.5	87.5	103.4	121.2	140.7	162.0	185.6	
105°F	40.0	51.3	63.9	78.2	93.9	111.3	130.1	150.8	173.3	

DLI - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
DLI0440L2		2-IR4B3604P											
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90		
DLI0540L2		2-IR6B4709P											
103.2	21.0	253.2	300	48.0	10.5	118.5	125	40.0	7.2	97.2	110		
DLI0600L2		2-IR6B5406P											
122.1	28.0	302.7	350	56.0	14.0	140.0	150	44.2	9.6	109.1	125		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
DLI0441L2		2-IR4B3604P											
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90		
DLI0541L2		2-IR6B4709P											
103.2	28.0	260.2	300	48.0	14.0	122.0	150	40.0	9.6	99.6	110		
DLI0601L2		2-IR6B5406P											
122.1	42.0	316.7	350	56.0	21.0	147.0	175	44.2	14.4	113.9	125		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

DLI SERIES

DLI - PERFORMANCE DATA

INGERSOLL RAND - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLI0440L4		2-IR4B3604P								
95°F	40.6	48.7	57.7	67.4	77.9	89.2	101.3	114.5	128.9	
105°F	35.3	42.7	50.8	59.8	69.6	80.0	91.2	103.3	116.4	
DLI0540L4		2-IR6B4709P								
95°F	51.3	61.9	73.3	85.7	98.8	113.2	128.8	145.6	163.5	
105°F	45.0	54.6	65.1	76.3	88.7	102.0	116.0	131.5	148.0	
DLI0600L4		2-IR6B5406P								
95°F	61.3	72.8	85.8	100.3	116.2	133.2	151.4	170.6	190.8	
105°F	53.5	64.0	75.9	89.3	104.1	120.0	136.8	154.3	172.3	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLI0441L4		2-IR4B3604P								
95°F	41.8	50.2	59.5	69.7	80.7	92.8	105.6	119.5	134.6	
105°F	36.3	44.1	52.6	61.9	72.1	83.2	95.1	107.9	121.7	
DLI0541L4		2-IR6B4709P								
95°F	52.7	63.8	75.6	88.5	102.4	117.7	134.3	152.2	171.4	
105°F	46.2	56.2	67.2	78.9	91.8	105.9	121.1	137.5	155.0	
DLI0601L4		2-IR6B5406P								
95°F	63.2	75.3	88.9	104.1	120.8	138.8	158.3	179.1	201.1	
105°F	55.2	66.2	78.7	92.8	108.3	125.2	143.3	162.3	182.0	

DLI - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLI0440L4		2-IR4B3604P													
79.2	21.0	199.2	225	35.8	10.5	91.1	100	32.0	7.2	79.2	90				
DLI0540L4		2-IR6B4709P													
103.2	21.0	253.2	300	48.0	10.5	118.5	125	40.0	7.2	97.2	110				
DLI0600L4		2-IR6B5406P													
122.1	28.0	302.7	350	56.0	14.0	140.0	150	44.2	9.6	109.1	125				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLI0441L4		2-IR4B3604P													
79.2	28.0	206.2	225	35.8	14.0	94.6	110	32.0	9.6	81.6	90				
DLI0541L4		2-IR6B4709P													
103.2	28.0	260.2	300	48.0	14.0	122.0	150	40.0	9.6	99.6	110				
DLI0601L4		2-IR6B5406P													
122.1	42.0	316.7	350	56.0	21.0	147.0	175	44.2	14.4	113.9	125				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

SLD SERIES

SLD - PERFORMANCE DATA

COPELAND DISCUS - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH		
SLD0100H2		3DB3R12ME								
95°F	77.1	85.9	95.3	105.4	116.2	127.6	139.9	152.8		
105°F	71.9	80.1	88.9	98.4	108.5	119.2	130.6	142.8		
SLD0150H2		3DS3R17ME								
95°F	103.2	115.1	127.9	141.5	156.1	171.6	188.2	205.8		
105°F	97.0	108.2	120.0	132.7	146.3	160.7	176.1	192.5		
SLD0200H2		4DA3R18ME								
95°F	108.2	121.5	135.9	151.4	168.1	186.1	205.3	225.8		
105°F	101.6	113.7	126.8	141.0	156.2	172.5	190.0	208.7		
SLD0250H2		4DH3R22ME								
95°F	138.2	156.1	175.4	195.9	217.4	239.7	262.6	285.9		
105°F	127.3	144.0	162.1	181.4	201.7	222.7	244.3	266.3		
SLD0300H2		4DJ3R28ME								
95°F	163.8	184.0	205.7	228.8	253.2	279.0	306.0	334.1		
105°F	152.3	170.9	190.9	212.4	235.1	259.2	284.4	310.7		
SLD0350H2		6DH3R35ME								
95°F	205.9	229.1	254.2	281.1	310.1	341.2	374.4	409.7		
105°F	192.2	213.8	237.0	262.1	288.9	317.7	348.5	381.3		
SLD0400H2		6DJ3R40ME								
95°F	247.2	275.1	304.8	336.3	369.4	404.3	440.8	479.0		
105°F	231.5	257.3	284.7	313.8	344.4	376.6	410.3	445.5		
SLD0500H2		8DP1-5000**								
95°F	311.4	347.2	386.1	428.3	473.7	522.4	574.5	630.0		
105°F	290.1	323.7	360.4	400.1	443.0	489.0	538.3	590.8		
SLD0600H2		8DS1-6000**								
95°F	358.0	401.4	448.0	497.8	550.6	606.3	665.0	726.3		
105°F	330.5	370.6	413.6	459.5	508.2	559.7	613.7	670.2		

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH		
SLD0101H2		3DB3R12ME								
95°F	79.1	88.3	98.2	108.8	120.3	132.5	145.7	159.7		
105°F	73.9	82.5	91.9	101.9	112.7	124.2	136.6	149.8		
SLD0151H2		3DS3R17ME								
95°F	104.3	116.5	129.6	143.7	158.8	174.9	192.2	210.6		
105°F	98.1	109.5	121.7	134.8	148.8	163.8	179.9	197.0		
SLD0201H2		4DA3R18ME								
95°F	109.4	123.0	137.9	154.0	171.4	190.2	210.5	232.2		
105°F	102.9	115.5	129.1	143.9	159.9	177.2	195.8	215.8		
SLD0251H2		4DH3R22ME								
95°F	139.0	158.1	177.9	198.9	221.0	243.9	267.5	291.5		
105°F	129.0	146.1	164.6	184.4	205.2	226.8	249.1	271.8		
SLD0301H2		4DJ3R28ME								
95°F	166.7	187.6	210.1	234.2	259.8	286.8	315.2	345.0		
105°F	155.2	174.6	195.6	218.1	242.0	267.4	294.2	322.2		
SLD0351H2		6DH3R35ME								
95°F	207.3	230.9	256.4	283.9	313.5	345.3	379.3	415.6		
105°F	193.6	215.5	239.2	264.7	292.1	321.6	353.2	386.9		
SLD0401H2		6DJ3R40ME								
95°F	253.0	282.4	313.9	347.5	383.1	420.9	460.8	502.9		
105°F	237.2	264.6	293.8	325.0	358.1	393.2	430.3	469.3		
SLD0501H2		8DP1-5000**								
95°F	319.1	356.3	397.0	441.2	488.9	540.5	595.5	654.6		
105°F	297.7	332.8	371.3	413.1	458.4	507.3	559.8	616.0		
SLD0601H2		8DS1-6000**								
95°F	367.0	412.4	461.5	514.1	570.4	630.2	693.6	760.5		
105°F	339.9	382.2	427.9	477.0	529.4	585.1	644.1	706.4		

SLD - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLD0100H2		3DB3R12ME													
43.6	6.0	60.5	80	20.0	3.0	28.0	35	16.5	2.5	23.1	30				
SLD0150H2		3DS3R17ME													
59.6	12.0	86.5	110	29.0	6.0	42.3	50	23.6	5.0	34.5	45				
SLD0200H2		4DA3R18ME													
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.7	5.0	35.9	45				
SLD0250H2		4DH3R22ME													
82.2	12.0	114.8	150	41.1	6.0	57.4	70	34.4	5.0	48.0	60				
SLD0300H2		4DJ3R28ME													
94.0	12.0	129.5	175	47.0	6.0	64.8	80	39.3	5.0	54.1	70				
SLD0350H2		6DH3R35ME													
125.2	18.0	174.5	225	62.6	9.0	87.3	110	42.5	7.5	60.6	80				
SLD0400H2		6DJ3R40ME													
142.0	18.0	195.5	250	71.0	9.0	97.8	125	53.5	7.5	74.4	100				
SLD0500H2		8DP1-5000**													
180.0	24.0	249.0	300	90.0	12.0	124.5	150	75.0	10.0	103.8	125				
SLD0600H2		8DS1-6000**													
224.0	36.0	316.0	400	112.0	18.0	158.0	200	80.0	15.0	115.0	150				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLD0101H2		3DB3R12ME													
43.6	12.0	66.5	80	20.0	6.0	31.0	40	16.5	5.0	25.6	30				
SLD0151H2		3DS3R17ME													
59.6	12.0	86.5	110	29.0	6.0	42.3	50	23.6	5.0	34.5	45				
SLD0201H2		4DA3R18ME													
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.7	5.0	35.9	45				
SLD0251H2		4DH3R22ME													
82.2	18.0	120.8	150	41.1	9.0	60.4	80	34.4	7.5	50.5	60				
SLD0301H2		4DJ3R28ME													
94.0	18.0	135.5	175	47.0	9.0	67.8	90	39.3	7.5	56.6	70				
SLD0351H2		6DH3R35ME													
125.2	18.0	174.5	225	62.6	9.0	87.3	110	42.5	7.5	60.6	80				
SLD0401H2		6DJ3R40ME													
142.0	24.0	201.5	250	71.0	12.0	100.8	125	53.5	10.0	76.9	100				
SLD0501H2		8DP1-5000**													
180.0	36.0	261.0	350	90.0	18.0	130.5	175	75.0	15.0	108.8	125				
SLD0601H2		8DS1-6000**													
224.0	36.0	316.0	400	112.0	18.0	158.0	200	80.0	15.0	115.0	150				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

** 8 cylinder compressor shipped with mineral oil.

SLD SERIES

SLD - PERFORMANCE DATA

COPELAND DISCUS - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	
SLD0150M4		3DS3R17ME								
95°F	78.0	87.2	97.2	107.8	119.3	131.4	144.4	158.0	172.5	
105°F	71.0	79.4	88.4	98.0	108.1	119.0	130.4	-	-	
SLD0200M4		4DA3R18ME								
95°F	78.7	88.7	99.7	111.4	123.9	137.2	151.0	165.4	180.3	
105°F	69.6	78.5	88.3	98.8	110.0	121.9	134.3	-	-	
SLD0250M4		4DH3R22ME								
95°F	103.4	115.3	128.8	143.6	159.5	176.2	193.5	211.3	229.3	
105°F	93.5	104.1	116.2	129.5	143.7	158.8	174.5	-	-	
SLD0300M4		4DJ3R28ME								
95°F	122.0	137.2	153.6	171.0	189.6	209.2	229.8	251.4	273.8	
105°F	110.5	124.0	138.5	154.0	170.5	187.9	206.2	-	-	
SLD0350M4		6DH3R35ME								
95°F	152.7	170.8	190.2	210.8	232.7	255.8	280.1	305.6	332.3	
105°F	136.9	153.4	170.9	189.4	208.9	229.3	250.8	-	-	
SLD0400M4		6DJ3R40ME								
95°F	185.8	207.5	231.0	256.1	282.8	311.0	340.6	371.5	403.6	
105°F	168.1	187.8	208.9	231.5	255.4	280.7	307.1	-	-	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	
SLD0151M4		3DS3R17ME								
95°F	79.2	88.7	99.0	110.2	122.1	135.0	148.7	163.3	178.9	
105°F	72.2	80.9	90.2	100.2	110.9	122.4	134.6	147.6	161.3	
SLD0201M4		4DA3R18ME								
95°F	80.5	91.0	102.4	114.7	128.0	142.0	156.8	172.2	188.3	
105°F	71.2	80.6	90.8	101.9	113.7	126.4	139.6	153.5	168.0	
SLD0251M4		4DH3R22ME								
95°F	106.2	119.0	133.5	149.4	166.6	184.7	203.8	223.4	243.5	
105°F	96.3	107.7	120.6	134.9	150.3	166.8	184.0	201.7	219.9	
SLD0301M4		4DJ3R28ME								
95°F	124.7	140.7	157.9	176.5	196.3	217.4	239.7	263.3	288.0	
105°F	113.1	127.3	142.6	159.2	176.9	195.7	215.7	236.7	258.9	
SLD0351M4		6DH3R35ME								
95°F	160.3	180.0	201.3	224.3	249.2	275.9	304.5	335.0	367.6	
105°F	144.2	162.3	181.7	202.6	225.0	249.0	274.6	301.9	330.9	
SLD0401M4		6DJ3R40ME								
95°F	190.0	212.7	237.3	263.8	292.2	322.3	354.2	387.7	422.8	
105°F	172.2	192.8	215.1	239.1	264.7	291.8	320.6	350.7	382.3	

SLD - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
SLD0150M4		3DS3R17ME											
59.6	12.0	86.5	110	29.0	6.0	42.3	50	23.6	5.0	34.5	45		
SLD0200M4		4DA3R18ME											
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.7	5.0	35.9	45		
SLD0250M4		4DH3R22ME											
82.2	12.0	114.8	150	41.1	6.0	57.4	70	34.4	5.0	48.0	60		
SLD0300M4		4DJ3R28ME											
94.0	12.0	129.5	175	47.0	6.0	64.8	80	39.3	5.0	54.1	70		
SLD0350M4		6DH3R35ME											
125.2	18.0	174.5	225	62.6	9.0	87.3	110	42.5	7.5	60.6	80		
SLD0400M4		6DJ3R40ME											
142.0	18.0	195.5	250	71.0	9.0	97.8	125	53.5	7.5	74.4	100		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
SLD0151M4		3DS3R17ME											
59.6	12.0	86.5	110	29.0	6.0	42.3	50	23.6	5.0	34.5	45		
SLD0201M4		4DA3R18ME											
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.7	5.0	35.9	45		
SLD0251M4		4DH3R22ME											
82.2	18.0	120.8	150	41.1	9.0	60.4	80	34.4	7.5	50.5	60		
SLD0301M4		4DJ3R28ME											
94.0	18.0	135.5	175	47.0	9.0	67.8	90	39.3	7.5	56.6	70		
SLD0351M4		6DH3R35ME											
125.2	24.0	180.5	225	62.6	12.0	90.3	110	42.5	10.0	63.1	80		
SLD0401M4		6DJ3R40ME											
142.0	24.0	201.5	250	71.0	12.0	100.8	125	53.5	10.0	76.9	100		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

** 8 cylinder compressor shipped with mineral oil.

May also be used with R-507. For capacity, multiply by 1.03.

15,20,25,30 HP units also available with optimized compressors. Contact factory for electrical specifications.

SLD SERIES

SLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLD0150L2		4DL3F63KE								
95°F	30.7	37.5	44.9	52.8	61.4	70.7	80.9	91.9	104.0	
105°F	26.2	32.7	39.6	47.1	55.2	64.0	73.6	84.1	95.6	
SLD0220L2		4DT3F76KE								
95°F	37.9	46.5	55.1	64.0	73.7	84.2	96.1	109.6	124.9	
105°F	33.8	42.0	50.3	58.8	67.8	77.8	89.0	101.6	116.1	
SLD0270L2		6DL3F93KE								
95°F	46.3	57.2	68.4	80.3	92.9	106.6	121.5	137.9	155.9	
105°F	40.0	50.6	61.4	72.8	84.8	97.9	112.0	127.5	144.5	
SLD0300L2		6DT3F11ME								
95°F	56.1	68.6	81.4	94.7	109.0	124.7	142.0	161.4	183.2	
105°F	50.5	62.3	74.2	86.5	99.8	114.2	130.2	148.1	168.1	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLD0151L2		4DL3F63KE								
95°F	31.5	38.5	46.1	54.2	63.1	72.8	83.3	94.8	107.3	
105°F	27.0	33.7	40.8	48.6	57.0	66.2	76.2	87.2	99.2	
SLD0221L2		4DT3F76KE								
95°F	38.3	47.0	55.7	64.8	74.6	85.4	97.5	111.3	127.0	
105°F	34.2	42.6	51.0	59.6	68.9	79.1	90.6	103.6	118.4	
SLD0271L2		6DL3F93KE								
95°F	46.8	57.8	69.1	81.1	93.9	107.7	122.9	139.5	157.8	
105°F	40.5	51.2	62.2	73.7	85.9	99.1	113.5	129.3	146.7	
SLD0301L2		6DT3F11ME								
95°F	57.2	70.0	83.0	96.8	111.6	128.0	146.2	166.7	189.8	
105°F	51.7	63.8	76.2	89.1	102.9	118.2	135.2	154.3	175.9	

SLD - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLD0150L2		4DL3F63KE													
52.6	6.0	71.8	90	26.3	3.0	35.9	40	20.9	2.5	28.6	35				
SLD0220L2		4DT3F76KE													
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.2	5.0	35.3	45				
SLD0270L2		6DL3F93KE													
80.8	12.0	113.0	150	40.4	6.0	56.5	70	32.5	5.0	45.6	60				
SLD0300L2		6DT3F11ME													
95.6	12.0	131.5	175	47.8	6.0	65.8	80	39.6	5.0	54.5	70				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
SLD0151L2		4DL3F63KE													
52.6	12.0	77.8	100	26.3	6.0	38.9	50	20.9	5.0	31.1	40				
SLD0221L2		4DT3F76KE													
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.2	5.0	35.3	45				
SLD0271L2		6DL3F93KE													
80.8	18.0	119.0	150	40.4	9.0	59.5	70	32.5	7.5	48.1	60				
SLD0301L2		6DT3F11ME													
95.6	18.0	137.5	175	47.8	9.0	68.8	90	39.6	7.5	57.0	70				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

** 8 cylinder compressor shipped with mineral oil.

SLD SERIES

SLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLD0150L4		4DL3F63KE								
95°F	40.9	48.3	55.6	63.2	71.1	79.4	88.4	98.1	108.7	
105°F	36.6	43.5	50.3	57.3	64.5	72.1	80.3	89.1	98.7	
SLD0220L4		4DT3F76KE								
95°F	48.9	57.5	66.8	76.4	86.3	96.8	107.8	119.5	131.7	
105°F	41.9	50.5	59.3	68.3	77.6	87.3	97.5	108.1	119.3	
SLD0270L4		6DL3F93KE								
95°F	60.0	70.4	81.9	94.4	107.9	122.2	137.2	152.9	169.1	
105°F	52.4	62.4	73.2	85.0	97.5	110.7	124.5	138.8	153.4	
SLD0300L4		6DT3F11ME								
95°F	68.0	79.6	92.2	105.8	120.3	135.8	152.4	169.9	188.3	
105°F	59.1	70.3	82.2	94.8	108.1	122.3	137.2	152.9	169.4	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
SLD0151L4		4DL3F63KE								
95°F	41.7	49.3	56.9	64.8	73.1	81.9	91.5	101.9	113.3	
105°F	37.5	44.7	51.8	59.1	66.7	74.8	83.5	93.0	103.5	
SLD0221L4		4DT3F76KE								
95°F	49.5	58.6	68.1	77.9	88.3	99.2	110.7	122.9	135.8	
105°F	42.8	51.6	60.6	69.8	79.4	89.5	100.0	111.1	122.9	
SLD0271L4		6DL3F93KE								
95°F	60.7	71.2	82.9	95.6	109.4	124.0	139.5	155.7	172.6	
105°F	53.2	63.2	74.3	86.3	99.0	112.6	126.8	141.6	156.9	
SLD0301L4		6DT3F11ME								
95°F	69.4	81.3	94.3	108.3	123.4	139.7	157.1	175.8	195.7	
105°F	60.5	72.0	84.2	97.2	111.1	126.0	141.7	158.5	176.3	

SLD - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR										
208-230/3/60				460/3/60				575/3/60				
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	
SLD0150L4		4DL3F63KE										
52.6	6.0	71.8	90	26.3	3.0	35.9	40	20.9	2.5	28.6	35	
SLD0220L4		4DT3F76KE										
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.2	5.0	35.3	45	
SLD0270L4		6DL3F93KE										
80.8	12.0	113.0	150	40.4	6.0	56.5	70	32.5	5.0	45.6	60	
SLD0300L4		6DT3F11ME										
95.6	12.0	131.5	175	47.8	6.0	65.8	80	39.6	5.0	54.5	70	

OVERSIZED CONDENSER

MODEL		COMPRESSOR										
208-230/3/60				460/3/60				575/3/60				
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	
SLD0151L4		4DL3F63KE										
52.6	12.0	77.8	100	26.3	6.0	38.9	50	20.9	5.0	31.1	40	
SLD0221L4		4DT3F76KE										
66.0	12.0	94.5	125	33.0	6.0	47.3	60	24.2	5.0	35.3	45	
SLD0271L4		6DL3F93KE										
80.8	18.0	119.0	150	40.4	9.0	59.5	70	32.5	7.5	48.1	60	
SLD0301L4		6DT3F11ME										
95.6	18.0	137.5	175	47.8	9.0	68.8	90	39.6	7.5	57.0	70	

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

PLD SERIES

PLD - PERFORMANCE DATA

COPELAND DISCUS - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR									
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH		
PLD0500H2		2-4DH3R22ME									
95°F	272.4	307.2	344.8	384.6	426.3	469.4	513.6	558.3	-		
105°F	250.6	283.1	318.2	355.7	394.9	435.6	477.2	519.5	-		
PLD0600H2		2-4DJ3R28ME									
95°F	327.7	368.0	411.3	457.5	506.4	557.9	611.9	668.3	-		
105°F	304.6	341.8	381.9	424.8	470.3	518.3	568.7	621.4	-		
PLD0700H2		2-6DH3R35ME									
95°F	411.8	458.2	508.3	562.3	620.3	682.4	748.8	819.5	-		
105°F	384.3	427.5	474.0	524.1	577.9	635.5	697.0	762.7	-		
PLD0800H2		2-6DJ3R40ME									
95°F	498.4	555.2	615.8	680.1	748.2	819.9	895.2	974.2	-		
105°F	466.9	519.5	575.6	635.2	698.1	764.5	834.2	907.2	-		
PLD1000H2		2-8DP1-5000**									
95°F	622.8	694.3	772.2	856.5	947.4	1044.8	1149.0	1260.0	-		
105°F	580.3	647.5	720.8	800.2	886.0	978.1	1076.6	1181.6	-		
PLD1200H2		2-8DS1-6000**									
95°F	719.4	807.0	901.1	1001.7	1108.6	1221.7	1340.8	1465.6	-		
105°F	664.5	745.5	832.6	925.6	1024.4	1128.8	1238.7	1353.9	-		

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH		
PLD0501H2		2-4DH3R22ME									
95°F	279.8	316.3	355.8	397.8	441.9	487.8	534.9	582.9	631.4		
105°F	258.0	292.2	315.8	368.7	410.3	453.6	498.2	543.5	589.3		
PLD0601H2		2-4DJ3R28ME									
95°F	333.4	375.2	420.2	468.4	519.5	573.6	630.4	690.0	752.1		
105°F	310.5	349.3	391.2	436.2	484.1	534.8	588.3	644.4	703.0		
PLD0701H2		2-6DH3R35ME									
95°F	414.6	461.8	512.7	567.7	626.9	690.5	758.6	831.3	908.7		
105°F	387.2	431.0	478.3	529.4	584.3	643.2	706.4	773.8	845.7		
PLD0801H2		2-6DJ3R40ME									
95°F	506.1	564.9	627.8	694.9	766.3	841.8	921.7	1005.8	1094.1		
105°F	474.5	529.1	587.6	649.9	716.2	786.4	860.5	938.6	1020.7		
PLD1001H2		2-8DP1-5000**									
95°F	636.2	710.3	791.3	879.1	974.0	1076.2	1185.8	1303.0	1428.0		
105°F	593.4	663.3	739.8	822.9	912.9	1009.9	1114.1	1225.6	1344.6		
PLD1201H2		2-8DS1-6000**									
95°F	734.0	824.8	922.9	1028.2	1140.8	1260.4	1387.2	1521.1	1661.8		
105°F	679.8	764.5	855.9	953.9	1058.7	1170.2	1288.2	1412.7	1543.6		

PLD - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLD0500H2		2-4DH3R22ME													
82.2	18.0	203.0	225	41.1	9.0	101.5	110	34.4	7.5	84.9	100				
PLD0600H2		2-4DJ3R28ME													
94.0	24.0	235.5	250	47.0	12.0	117.8	125	39.3	10.0	98.4	110				
PLD0700H2		2-6DH3R35ME													
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125				
PLD0800H2		2-6DJ3R40ME													
142.0	36.0	355.5	400	71.0	18.0	177.8	200	53.5	15.0	135.4	150				
PLD1000H2		2-8DP1-5000**													
180.0	48.0	453.0	500	90.0	24.0	226.5	250	75.0	20.0	188.8	225				
PLD1200H2		2-8DS1-6000**													
224.0	60.0	564.0	650	112.0	30.0	282.0	300	80.0	25.0	205.0	225				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLD0501H2		2-4DH3R22ME													
82.2	36.0	221.0	250	41.1	18.0	110.5	125	34.4	15.0	92.4	100				
PLD0601H2		2-4DJ3R28ME													
94.0	36.0	247.5	250	47.0	18.0	123.8	125	39.3	15.0	103.4	110				
PLD0701H2		2-6DH3R35ME													
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125				
PLD0801H2		2-6DJ3R40ME													
142.0	48.0	367.5	400	71.0	24.0	183.8	200	53.5	20.0	140.4	150				
PLD1001H2		2-8DP1-5000**													
180.0	60.0	465.0	500	90.0	30.0	232.5	250	75.0	25.0	193.8	225				
PLD1201H2		2-8DS1-6000**													
224.0	72.0	576.0	650	112.0	36.0	288.0	300	80.0	30.0	210.0	250				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

** 8 cylinder compressor shipped with mineral oil.

PLD SERIES

PLD - PERFORMANCE DATA											
COPELAND DISCUS - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY											
STANDARD CONDENSER											
MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
2-PLD0500M4		2-4DH3R22ME									
95°F	203.6	226.7	252.7	281.1	311.5	343.3	376.3	409.9	443.7	-	-
105°F	184.0	204.4	227.6	253.1	280.4	309.2	339.0	-	-	-	-
2-PLD0600M4		2-4DJ3R28ME									
95°F	244.1	274.4	307.1	342.1	379.2	418.4	459.6	502.7	547.6	-	-
105°F	221.0	248.0	277.0	308.0	341.1	375.8	412.4	-	-	-	-
2-PLD0700M4		2-6DH3R35ME									
95°F	305.7	342.0	380.7	422.0	465.9	512.2	561.0	612.1	665.5	-	-
105°F	274.1	307.1	342.2	379.2	418.2	459.2	502.2	-	-	-	-
2-PLD0800M4		2-6DJ3R40ME									
95°F	371.5	415.0	462.0	512.2	565.7	622.1	681.3	743.1	807.3	-	-
105°F	336.3	375.5	417.8	463.0	510.9	561.3	614.2	-	-	-	-
OVERSIZED CONDENSER											
MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
2-PLD0501M4		2-4DH3R22ME									
95°F	212.5	238.1	267.0	298.8	333.1	369.5	407.5	446.8	487.0	527.6	568.4
105°F	192.7	215.3	241.2	269.7	300.6	333.5	367.9	403.5	439.8	476.5	513.2
2-PLD0601M4		2-4DJ3R28ME									
95°F	249.4	281.3	315.8	352.9	392.6	434.8	479.4	526.5	575.9	627.6	681.5
105°F	226.1	254.5	285.3	318.4	353.8	391.5	431.4	473.5	517.7	564.0	612.3
2-PLD0701M4		2-6DH3R35ME									
95°F	320.7	360.0	402.6	448.7	498.3	551.7	609.0	670.1	735.1	804.1	877.1
105°F	288.5	324.6	363.5	405.2	450.0	498.0	549.2	603.8	661.8	723.3	788.3
2-PLD0801M4		2-6DJ3R40ME									
95°F	380.0	425.4	474.6	527.7	584.4	644.6	708.4	775.4	845.6	918.9	995.0
105°F	344.3	385.5	430.1	478.1	529.3	583.7	641.1	701.4	764.5	830.3	898.5

PLD - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
2-PLD0500M4		2-4DH3R22ME									
82.2	18.0	203.0	225	41.1	9.0	101.5	110	34.4	7.5	84.9	100
2-PLD0600M4		2-4DJ3R28ME									
94.0	24.0	235.5	250	47.0	12.0	117.8	125	39.3	10.0	98.4	110
2-PLD0700M4		2-6DH3R35ME									
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125
2-PLD0800M4		2-6DJ3R40ME									
142.0	36.0	355.5	400	71.0	18.0	177.8	200	53.5	15.0	135.4	150

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
2-PLD0501M4		2-4DH3R22ME									
82.2	36.0	221.0	250	41.1	18.0	110.5	125	34.4	15.0	92.4	100
2-PLD0601M4		2-4DJ3R28ME									
94.0	36.0	247.5	250	47.0	18.0	123.8	125	39.3	15.0	103.4	110
2-PLD0701M4		2-6DH3R35ME									
125.2	48.0	329.7	350	62.6	24.0	164.9	175	42.5	20.0	115.6	125
2-PLD0801M4		2-6DJ3R40ME									
142.0	48.0	367.5	400	71.0	24.0	183.8	200	53.5	20.0	140.4	150

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

50.60 HP units also available with optimized compressors. Contact factory for electrical specifications.

PLD SERIES

PLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLD0440L2		2-4DT3F76KE								
95°F	75.6	92.7	109.8	127.7	146.9	168.0	191.6	218.4	248.9	
105°F	67.3	83.8	100.2	117.1	135.2	155.0	177.2	202.4	231.0	
PLD0540L2		2-6DL3F93KE								
95°F	91.5	113.0	135.2	158.6	183.6	210.5	239.8	271.9	307.1	
105°F	78.7	99.6	120.9	143.3	167.0	192.5	220.1	250.4	283.5	
PLD0600L2		2-6DT3F11ME								
95°F	112.3	137.3	162.7	189.4	218.0	249.3	284.1	322.9	366.5	
105°F	100.9	124.5	148.3	173.1	199.5	228.4	260.4	296.1	336.2	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLD0441L2		2-4DT3F76KE								
95°F	76.1	93.3	110.6	128.6	147.9	169.2	193.2	220.3	251.2	
105°F	67.8	84.4	101.0	118.1	136.4	156.5	179.0	204.6	233.7	
PLD0541L2		2-6DL3F93KE								
95°F	93.3	115.2	137.9	161.7	187.3	214.9	245.0	278.1	314.6	
105°F	80.8	102.1	124.0	146.9	171.3	197.6	226.3	257.7	292.3	
PLD0601L2		2-6DT3F11ME								
95°F	114.4	139.9	166.0	193.5	223.2	255.9	292.4	333.3	379.5	
105°F	103.4	127.7	152.3	178.1	205.9	236.4	270.3	308.6	351.7	

PLD - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
PLD0440L2		2-4DT3F76KE											
66.0	18.0	166.5	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70		
PLD0540L2		2-6DL3F93KE											
80.8	18.0	199.8	225	40.4	9.0	99.9	110	32.5	7.5	80.6	90		
PLD0600L2		2-6DT3F11ME											
95.6	24.0	239.1	250	47.8	12.0	119.6	125	39.6	10.0	99.1	110		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
PLD0441L2		2-4DT3F76KE											
66.0	18.0	166.5	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70		
PLD0541L2		2-6DL3F93KE											
80.8	24.0	205.8	225	40.4	12.0	102.9	110	32.5	10.0	83.1	90		
PLD0601L2		2-6DT3F11ME											
95.6	36.0	251.1	250	47.8	18.0	125.6	125	39.6	15.0	104.1	110		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

PLD SERIES

PLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLD0440L4		2-4DT3F76KE								
95°F	96.8	114.6	132.9	152.0	171.8	192.6	214.4	237.4	261.6	
105°F	83.3	100.5	117.9	135.8	154.4	173.6	193.7	214.8	237.0	
PLD0540L4		2-6DL3F93KE								
95°F	118.3	138.8	161.3	185.8	212.1	239.8	268.9	299.0	330.0	
105°F	103.1	122.6	143.9	166.8	191.2	216.7	243.3	270.7	298.6	
PLD0600L4		2-6DT3F11ME								
95°F	134.5	157.5	182.4	209.0	237.5	267.8	299.9	333.8	369.3	
105°F	116.8	138.9	162.3	187.1	213.2	240.8	269.8	300.2	331.9	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
PLD0441L4		2-4DT3F76KE								
95°F	98.9	117.2	136.2	155.9	176.6	198.3	221.4	245.8	271.7	
105°F	85.7	103.2	121.2	139.6	158.8	178.9	200.0	222.3	245.8	
PLD0541L4		2-6DL3F93KE								
95°F	121.0	141.9	165.2	190.6	217.9	247.1	277.8	309.9	343.3	
105°F	106.0	126.0	148.0	171.8	197.3	224.2	252.4	281.7	311.9	
PLD0601L4		2-6DT3F11ME								
95°F	138.7	162.6	188.5	216.5	246.8	279.3	314.3	351.6	391.3	
105°F	121.1	143.9	168.3	194.4	222.2	251.9	283.5	317.0	352.6	

PLD - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLD0440L4		2-4DT3F76KE													
66.0	18.0	166.5	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70				
PLD0540L4		2-6DL3F93KE													
80.8	18.0	199.8	225	40.4	9.0	99.9	110	32.5	7.5	80.6	90				
PLD0600L4		2-6DT3F11ME													
95.6	24.0	239.1	250	47.8	12.0	119.6	125	39.6	10.0	99.1	110				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
PLD0441L4		2-4DT3F76KE													
66.0	24.0	172.5	200	33.0	12.0	86.3	100	24.2	10.0	64.5	70				
PLD0541L4		2-6DL3F93KE													
80.8	24.0	205.8	225	40.4	12.0	102.9	110	32.5	10.0	83.1	90				
PLD0601L4		2-6DT3F11ME													
95.6	36.0	251.1	250	47.8	18.0	125.6	125	39.6	15.0	104.1	110				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

DLD SERIES

DLD - PERFORMANCE DATA

COPELAND DISCUS - HIGH TEMPERATURE R-22 (H2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH	
DLD0100H2		2-2DC3R53KE								
95°F	30.1	34.2	38.5	43.2	48.1	53.3	58.9	-	-	
105°F	27.3	31.2	35.3	39.7	44.3	49.2	54.4	-	-	
DLD0150H2		2-2DL3R78KE								
95°F	45.3	51.1	57.2	63.7	70.6	77.9	85.6	-	-	
105°F	41.8	47.2	52.9	59.0	65.4	72.2	79.5	-	-	
DLD0160H2		2-2DA3R89KE								
95°F	52.2	59.0	66.2	73.8	81.8	90.3	99.2	-	-	
105°F	47.8	54.4	61.3	68.5	76.1	84.0	92.3	-	-	
DLD0180H2		2-3DA3R10ME								
95°F	63.8	71.2	79.3	87.8	97.0	106.7	117.0	-	-	
105°F	59.2	66.3	73.9	81.9	90.5	99.7	109.3	-	-	
DLD0200H2		2-3DB3R12ME								
95°F	77.2	85.9	95.3	105.4	116.2	127.7	139.9	-	-	
105°F	71.9	80.1	89.0	98.4	108.5	119.2	130.7	-	-	
DLD0240H2		2-3DF3R15ME								
95°F	89.0	99.3	110.5	122.4	135.1	148.4	162.5	-	-	
105°F	82.8	92.5	102.9	114.1	125.9	138.4	151.5	-	-	
DLD0300H2		2-3DS3R17ME								
95°F	102.9	114.8	127.5	141.0	155.5	170.9	187.3	-	-	
105°F	96.8	107.9	119.7	132.3	145.7	160.0	175.3	-	-	
DLD0400H2		2-4DA3R18ME								
95°F	108.0	121.2	135.4	150.8	167.3	185.1	204.0	-	-	
105°F	101.3	113.3	126.3	140.3	155.3	171.4	188.6	-	-	
DLD0500H2		2-4DH3R22ME								
95°F	136.2	153.6	172.4	192.3	213.2	234.7	256.8	-	-	
105°F	125.3	141.6	159.1	177.9	197.5	217.8	238.6	-	-	
DLD0600H2		2-4DJ3R28ME								
95°F	163.9	184.0	205.7	228.8	253.2	279.0	306.0	334.2	363.4	
105°F	152.3	170.9	191.0	212.4	235.2	259.2	284.4	310.7	338.1	
DLD0700H2		2-6DH3R35ME								
95°F	205.9	229.1	254.2	281.2	310.2	341.2	374.4	409.8	447.3	
105°F	192.2	213.8	237.0	262.1	289.0	317.8	348.5	381.4	416.2	
DLD0800H2		2-6DJ3440ME								
95°F	249.2	277.6	307.9	340.1	374.1	410.0	447.6	487.1	528.3	
105°F	233.5	259.8	287.8	317.6	349.1	382.3	417.1	453.6	491.7	
DLD1000H2		2-8DP1-5000**								
95°F	311.4	347.2	386.1	428.3	473.7	522.4	574.5	630.0	688.9	
105°F	290.2	323.8	360.4	400.1	443.0	489.1	538.3	590.8	646.6	
DLD1200H2		2-8DS1-6000**								
95°F	359.7	403.5	450.6	500.9	554.3	610.9	670.4	732.8	798.0	
105°F	332.3	372.8	416.3	462.8	512.2	564.4	619.4	677.0	737.0	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH	50°F MBH	
DLD0101H2		2-2DC3R53KE								
95°F	31.1	35.4	40.0	44.9	50.1	55.7	61.7	68.1	75.0	
105°F	28.3	32.3	36.7	41.3	46.2	51.5	57.2	63.2	69.6	
DLD0151H2		2-2DL3R78KE								
95°F	46.5	52.5	58.9	65.8	73.1	80.9	89.2	98.1	107.6	
105°F	42.9	48.6	54.7	61.1	67.1	75.2	83.0	91.4	100.2	
DLD0161H2		2-2DA3R89KE								
95°F	53.0	60.0	67.4	75.2	83.5	92.3	101.6	111.5	122.0	
105°F	48.7	55.5	62.5	69.9	77.8	86.0	94.7	103.9	113.7	
DLD0181H2		2-3DA3R10ME								
95°F	65.4	73.2	81.6	90.6	100.2	110.6	121.6	133.3	145.7	
105°F	60.8	68.1	76.0	84.5	93.6	103.3	113.7	124.7	136.4	
DLD0201H2		2-3DB3R12ME								
95°F	79.0	88.1	98.0	108.6	119.9	132.1	145.2	159.2	174.0	
105°F	73.7	82.4	91.6	101.6	112.3	123.8	136.1	149.2	163.2	
DLD0241H2		2-3DF3R15ME								
95°F	90.6	101.4	113.0	125.5	138.7	152.8	167.7	183.3	199.7	
105°F	84.5	94.5	105.4	112.1	129.5	142.7	156.6	171.3	186.7	
DLD0301H2		2-3DS3R17ME								
95°F	103.6	115.6	128.5	142.2	157.0	172.7	189.5	207.4	226.4	
105°F	97.4	108.6	120.6	133.4	147.1	161.7	177.4	194.0	211.7	
DLD0401H2		2-4DA3R18ME								
95°F	109.4	123.0	137.9	154.0	171.4	190.3	210.5	232.3	255.6	
105°F	102.9	115.5	129.2	144.0	160.0	177.3	195.9	215.9	237.3	
DLD0501H2		2-4DH3R22ME								
95°F	139.9	158.2	177.9	198.9	221.0	243.9	267.5	291.5	315.7	
105°F	129.0	146.1	164.6	184.4	205.2	226.8	249.1	271.8	294.7	
DLD0601H2		2-4DJ3R28ME								
95°F	166.7	187.6	210.1	234.2	259.8	286.8	315.2	345.0	376.1	
105°F	155.3	174.7	195.6	218.1	242.1	267.2	294.2	322.2	351.5	
DLD0701H2		2-6DH3R35ME								
95°F	207.3	230.9	256.4	283.9	313.5	345.3	379.3	415.7	454.4	
105°F	193.6	215.5	239.2	264.7	292.2	321.6	353.2	386.9	422.9	
DLD0801H2		2-6DJ3440ME								
95°F	253.1	282.5	313.9	347.5	383.2	420.9	460.9	502.9	547.1	
105°F	237.3	264.6	293.8	325.0	358.1	393.2	430.3	469.3	510.4	
DLD1001H2		2-8DP1-5000**								
95°F	318.1	355.2	395.7	439.6	487.0	538.1	592.9	651.5	714.0	
105°F	296.7	331.7	369.9	411.5	456.5	505.0	557.1	612.8	672.3	
DLD1201H2		2-8DS1-6000**								
95°F	367.0	412.4	461.5	514.1	570.4	630.2	693.6	760.6	830.9	
105°F	339.9	382.3	428.0	477.0	529.4	585.1	644.1	706.4	771.8	

DLD SERIES

DLD - ELECTRICAL SPECIFICATIONS (H2)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0100H2		2-2DC3R53KE													
22.3	6.0	56.2	60	10.4	3.0	26.4	30	7.7	2.5	19.8	25				
DLD0150H2		2-2DL3R78KE													
31.6	6.0	77.1	90	13.8	3.0	34.1	40	13.2	2.5	32.2	35				
DLD0160H2		2-2DA3R89KE													
32.0	12.0	84.0	100	14.1	6.0	37.7	40	13.3	5.0	34.9	40				
DLD0180H2		2-3DA3R10ME													
41.0	12.0	104.3	110	20.0	6.0	51.0	60	16.5	5.0	42.1	50				
DLD0200H2		2-3DB3R12ME													
43.6	12.0	110.1	125	20.0	6.0	51.0	60	16.5	5.0	42.1	50				
DLD0240H2		2-3DF3R15ME													
48.2	12.0	120.5	125	23.6	6.0	59.1	70	18.9	5.0	47.5	50				
DLD0300H2		2-3DS3R17ME													
59.6	18.0	152.1	175	29.0	9.0	74.3	80	23.6	7.5	60.6	70				
DLD0400H2		2-4DA3R18ME													
66.0	18.0	166.5	175	33.0	9.0	83.3	90	24.7	7.5	63.1	70				
DLD0500H2		2-4DH3R22ME													
82.2	18.0	203.0	225	41.1	9.0	101.5	110	34.4	7.5	84.9	100				
DLD0600H2		2-4DJ3R28ME													
94.0	24.0	235.5	250	47.0	12.0	117.8	125	39.3	10.0	98.4	110				
DLD0700H2		2-6DH3R35ME													
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125				
DLD0800H2		2-6DJ3440ME													
142.0	36.0	355.5	400	71.0	18.0	177.8	200	53.5	15.0	135.4	150				
DLD1000H2		2-8DP1-5000**													
180.0	48.0	453.0	500	90.0	24.0	226.5	250	75.0	20.0	188.8	225				
DLD1200H2		2-8DS1-6000**													
180.0	60.0	564.0	650	112.0	30.0	282.0	300	80.0	25.0	205.0	225				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0101H2		2-2DC3R53KE													
22.3	6.0	56.2	60	10.4	3.0	26.4	30	7.7	2.5	19.8	25				
DLD0151H2		2-2DL3R78KE													
31.6	12.0	83.1	90	13.8	6.0	37.1	40	13.2	5.0	34.7	40				
DLD0161H2		2-2DA3R89KE													
32.0	12.0	84.0	100	14.1	6.0	37.7	40	13.3	5.0	34.9	40				
DLD0181H2		2-3DA3R10ME													
41.0	12.0	104.3	110	20.0	6.0	51.0	60	16.5	5.0	42.1	50				
DLD0201H2		2-3DB3R12ME													
43.6	18.0	116.1	125	20.0	9.0	54.0	60	16.5	7.5	44.6	50				
DLD0241H2		2-3DF3R15ME													
48.2	18.0	126.5	150	23.6	9.0	62.1	70	18.9	7.5	50.0	60				
DLD0301H2		2-3DS3R17ME													
59.6	18.0	152.1	175	29.0	9.0	74.3	80	23.6	7.5	60.6	70				
DLD0401H2		2-4DA3R18ME													
66.0	24.0	172.5	200	33.0	12.0	86.3	100	24.7	10.0	65.6	70				
DLD0501H2		2-4DH3R22ME													
82.2	36.0	221.0	250	41.1	18.0	110.5	125	34.4	15.0	92.4	100				
DLD0601H2		2-4DJ3R28ME													
94.0	36.0	247.5	250	47.0	18.0	123.8	125	39.3	15.0	103.4	110				
DLD0701H2		2-6DH3R35ME													
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125				
DLD0801H2		2-6DJ3440ME													
142.0	48.0	367.5	400	71.0	24.0	183.8	200	53.5	20.0	140.4	150				
DLD1001H2		2-8DP1-5000**													
180.0	60.0	465.0	550	90.0	30.0	232.5	250	75.0	25.0	193.8	225				
DLD1201H2		2-8DS1-6000**													
180.0	72.0	576.0	650	112.0	36.0	288.0	300	80.0	30.0	210.0	250				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

** 8 cylinder compressor shipped with mineral oil.

DLD SERIES

DLD - PERFORMANCE DATA

COPELAND DISCUS - MEDIUM TEMPERATURE R-404A (M4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
DLD0400M4		2-4DA3R18ME									
95°F	78.3	88.3	99.1	110.7	123.0	136.1	149.7	163.9	178.5	193.5	-
105°F	69.2	78.1	87.7	98.1	109.2	120.9	133.1	-	-	-	-
DLD0500M4		2-4DH3R22ME									
95°F	101.8	113.4	126.4	140.6	155.8	171.7	188.2	205.0	221.9	238.7	-
105°F	92.0	102.2	113.8	126.6	140.2	154.6	169.5	-	-	-	-
DLD0600M4		2-4DJ3R28ME									
95°F	122.1	137.2	153.6	171.1	189.6	209.2	229.8	251.4	273.8	297.1	-
105°F	110.5	124.0	138.5	154.0	170.5	187.9	206.2	-	-	-	-
DLD0700M4		2-6DH3R35ME									
95°F	152.9	171.0	190.4	211.0	233.0	256.1	280.5	306.1	332.8	360.6	-
105°F	137.1	153.6	171.1	189.6	209.1	229.6	251.1	-	-	-	-
DLD0800M4		2-6DJ3R40ME									
95°F	185.8	207.5	231.0	256.1	282.9	311.1	340.7	371.6	403.7	436.8	-
105°F	168.2	187.8	208.9	231.5	255.5	280.7	307.1	-	-	-	-

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
AMB °F	-5°F MBH	0°F MBH	5°F MBH	10°F MBH	15°F MBH	20°F MBH	25°F MBH	30°F MBH	35°F MBH	40°F MBH	45°F MBH
DLD0401M4		2-4DA3R18ME									
95°F	80.6	91.0	102.4	114.8	128.0	142.0	156.8	172.3	188.3	205.0	221.1
105°F	71.3	80.6	90.8	101.9	113.8	126.4	139.7	153.6	168.0	182.9	198.3
DLD0501M4		2-4DH3R22ME									
95°F	106.3	119.1	133.5	149.4	166.6	184.8	203.8	223.4	243.5	263.8	284.2
105°F	96.4	107.7	120.6	134.9	150.3	166.8	184.0	201.8	219.9	238.3	256.6
DLD0601M4		2-4DJ3R28ME									
95°F	124.7	140.7	157.9	176.5	196.3	217.4	239.7	263.3	288.0	313.8	340.8
105°F	113.1	127.3	142.7	159.2	176.9	195.8	215.7	236.8	258.9	282.0	306.2
DLD0701M4		2-6DH3R35ME									
95°F	160.4	180.0	201.3	224.4	249.2	275.9	304.5	335.1	367.6	402.1	438.6
105°F	144.3	162.3	181.8	202.6	225.0	249.0	274.6	301.9	330.9	361.7	394.2
DLD0801M4		2-6DJ3R40ME									
95°F	190.0	212.7	237.3	263.9	292.2	322.3	354.2	387.7	422.8	459.5	497.5
105°F	172.2	192.8	215.1	239.1	264.7	291.9	320.6	350.7	382.3	415.2	449.3

DLD - ELECTRICAL SPECIFICATIONS (M4)

STANDARD CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0400M4		2-4DA3R18ME									
66.0	18.0	166.5	175	33.0	9.0	83.3	90	24.7	7.5	63.1	70
DLD0500M4		2-4DH3R22ME									
82.2	18.0	203.0	225	41.1	9.0	101.5	110	34.4	7.5	84.9	100
DLD0600M4		2-4DJ3R28ME									
94.0	24.0	235.5	250	47.0	12.0	117.8	125	39.3	10.0	98.4	110
DLD0700M4		2-6DH3R35ME									
125.2	36.0	317.7	350	62.6	18.0	158.9	175	42.5	15.0	110.6	125
DLD0800M4		2-6DJ3R40ME									
142.0	36.0	355.5	400	71.0	18.0	177.8	200	53.5	15.0	135.4	150

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
208-230/3/60				460/3/60				575/3/60			
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0401M4		2-4DA3R18ME									
66.0	24.0	172.5	200	33.0	12.0	86.3	100	24.7	10.0	65.6	70
DLD0501M4		2-4DH3R22ME									
82.2	36.0	221.0	250	41.1	18.0	110.5	125	34.4	15.0	92.4	100
DLD0601M4		2-4DJ3R28ME									
94.0	36.0	247.5	250	47.0	18.0	123.8	125	39.3	15.0	103.4	110
DLD0701M4		2-6DH3R35ME									
125.2	48.0	329.7	350	62.6	24.0	164.9	175	42.5	20.0	115.6	125
DLD0801M4		2-6DJ3R40ME									
142.0	48.0	367.5	400	71.0	24.0	183.8	200	53.5	20.0	140.4	150

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

40,50,60 HP units also available with optimized compressors. Contact factory for electrical specifications.

DLD SERIES

DLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-22 (L2) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLD0440L2		2-4DT3F76KE								
95°F	37.8	46.4	54.9	63.9	73.5	84.0	95.8	109.2	124.5	
105°F	33.7	41.9	50.1	58.6	67.6	77.5	88.6	101.2	115.5	
DLD0540L2		2-6DL3F93KE								
95°F	45.8	56.5	67.6	79.3	91.8	105.3	119.9	136.0	153.6	
105°F	39.4	49.8	60.5	71.7	83.5	96.3	110.1	125.2	141.8	
DLD0600L2		2-6DT3F11ME								
95°F	56.1	68.6	81.4	94.7	109.0	124.7	142.0	161.4	183.2	
105°F	50.5	62.3	74.2	86.5	99.8	114.2	130.2	148.1	168.1	

OVERSIZED CONDENSER

MODEL		COMPRESSOR								
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH	
DLD0441L2		2-4DT3F76KE								
95°F	38.1	46.7	53.3	64.3	74.0	84.6	96.6	110.2	125.6	
105°F	33.9	42.2	50.5	59.1	68.2	78.3	89.5	102.3	116.9	
DLD0541L2		2-6DL3F93KE								
95°F	46.7	57.6	69.0	80.9	93.7	107.5	122.5	139.1	157.3	
105°F	40.4	51.1	62.0	73.5	85.7	98.8	113.2	128.9	146.2	
DLD0601L2		2-6DT3F11ME								
95°F	57.2	70.0	83.0	96.8	111.6	128.0	146.2	166.7	189.8	
105°F	51.7	63.9	76.2	89.1	103.0	118.2	135.2	154.3	175.9	

DLD - ELECTRICAL SPECIFICATIONS (L2)

STANDARD CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
DLD0440L2		2-4DT3F76KE											
66.0	18.0	165.5	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70		
DLD0540L2		2-6DL3F93KE											
80.8	18.0	199.8	225	40.4	9.0	99.9	110	32.5	7.5	80.6	90		
DLD0600L2		2-6DT3F11ME											
95.6	24.0	239.1	250	47.8	12.0	119.6	125	39.6	10.0	99.1	110		

OVERSIZED CONDENSER

MODEL		COMPRESSOR											
208-230/3/60				460/3/60				575/3/60					
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*		
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR		
DLD0441L2		2-4DT3F76KE											
66.0	18.0	166.6	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70		
DLD0541L2		2-6DL3F93KE											
80.8	24.0	205.8	225	40.4	12.0	102.9	110	32.5	10.0	83.1	90		
DLD0601L2		2-6DT3F11ME											
95.6	36.0	251.1	250	47.8	18.0	125.6	125	39.6	15.0	104.1	110		

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

DLD SERIES

DLD - PERFORMANCE DATA

COPELAND DISCUS - LOW TEMPERATURE R-404A (L4) - TOTAL CAPACITY

STANDARD CONDENSER

MODEL		COMPRESSOR									
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH		
DLD0440L4		2-4DT3F76KE									
95°F	48.4	57.3	66.5	76.0	85.9	96.3	107.2	118.7	130.8		
105°F	41.7	50.3	59.0	67.9	77.2	86.8	96.9	107.4	118.5		
DLD0540L4		2-6DL3F93KE									
95°F	59.2	69.4	80.7	92.9	106.1	119.9	134.5	149.5	165.0		
105°F	51.6	61.3	72.0	83.4	95.6	108.4	121.7	135.4	149.3		
DLD0600L4		2-6DT3F11ME									
95°F	67.3	78.8	91.2	104.5	118.8	133.9	150.0	166.9	184.7		
105°F	58.4	69.5	81.2	93.6	106.6	120.4	134.9	150.1	166.0		

OVERSIZED CONDENSER

MODEL		COMPRESSOR									
AMB °F	-40°F MBH	-35°F MBH	-30°F MBH	-25°F MBH	-20°F MBH	-15°F MBH	-10°F MBH	-5°F MBH	0°F MBH		
DLD0441L4		2-4DT3F76KE									
95°F	49.5	58.6	68.1	78.0	88.3	99.2	110.7	122.9	135.9		
105°F	42.9	51.6	60.6	69.8	79.4	89.5	100.0	111.2	122.9		
DLD0541L4		2-6DL3F93KE									
95°F	60.5	71.0	82.6	95.3	109.0	123.6	138.9	155.0	171.7		
105°F	53.0	63.0	74.0	85.9	98.7	112.1	126.2	140.9	156.0		
DLD0601L4		2-6DT3F11ME									
95°F	69.4	81.3	94.3	108.3	123.4	139.7	157.2	175.8	196.0		
105°F	60.6	72.0	84.2	97.2	111.1	126.0	141.8	158.5	176.3		

DLD - ELECTRICAL SPECIFICATIONS (L4)

STANDARD CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0440L4		2-4DT3F76KE													
66.0	18.0	165.5	175	33.0	9.0	83.3	90	24.2	7.5	62.0	70				
DLD0540L4		2-6DL3F93KE													
80.8	18.0	199.8	225	40.4	9.0	99.9	110	32.5	7.5	80.6	90				
DLD0600L4		2-6DT3F11ME													
95.6	24.0	239.1	250	47.8	12.0	119.6	125	39.6	10.0	99.1	110				

OVERSIZED CONDENSER

MODEL		COMPRESSOR													
208-230/3/60				460/3/60				575/3/60							
COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*	COMP	COND	MCA*	MIN*
RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR	RLA	FLA	AMPS	BKR
DLD0441L4		2-4DT3F76KE													
66.0	24.0	172.5	200	33.0	12.0	86.3	100	24.2	10.0	64.5	70				
DLD0541L4		2-6DL3F93KE													
80.8	24.0	205.8	225	40.4	12.0	102.9	110	32.5	10.0	83.1	90				
DLD0601L4		2-6DT3F11ME													
95.6	36.0	251.1	250	47.8	18.0	125.6	125	39.6	15.0	104.1	110				

* Minimum circuit amps and minimum circuit breaker sizes are based on Air Defrost system which utilizes a separate power supply for evaporator fans. If evaporators are Electric Defrost with its power supply furnished through the condensing unit, evaporator fan amps must be added to both the condensing unit minimum circuit amps and minimum breaker size. When calculating Minimum Circuit Amps (MCA) on Electric Defrost systems, use the larger of: 1) Minimum condenser amps + evaporator fan amps or 2) Evaporator defrost heater amps x 1.25.

May also be used with R-507. For capacity, multiply by 1.03.

MODEL SPECIFICATIONS

SL SERIES		CONNECTIONS (IN)		RECEIVER	CAPACITY**	ESTIMATED SHIP WEIGHT	DIMENSIONS SEE PAGES
HP	MODEL	LIQUID OD	SUCTION OD	DIAMETER x LENGTH	(LB)	(LB)	35-39
STANDARD MODEL							
10	SL*0100H2	7/8	1 5/8	8 5/8 x 48	84	1564	(A)
15	SL*0150H2	7/8	1 5/8	8 5/8 x 48	84	1848	(B)
20	SL*0200H2	7/8	1 5/8	8 5/8 x 48	84	1931	(B)
25	SL*0250H2	1 1/8	2 1/8	8 5/8 x 60	106	2064	(B)
30	SL*0300H2	1 1/8	2 1/8	10 3/4 x 48	128	2173	(B)
35	SL*0350H2	1 1/8	2 1/8	10 3/4 x 48	128	2656	(C)
40	SL*0400H2	1 1/8	2 1/8	10 3/4 x 72	195	2787	(C)
50	SL*0500H2	1 3/8	2 5/8	10 3/4 x 72	195	3330	(D)
60	SL*0600H2	1 3/8	2 5/8	10 3/4 x 96	262	3950	(E)
15	SL*0150M4	1 1/8	2 1/8	8 5/8 x 48	75	1834	(B)
20	SL*0200M4	1 1/8	2 1/8	8 5/8 x 48	75	1882	(B)
25	SL*0250M4	1 1/8	2 1/8	8 5/8 x 60	94	2002	(B)
30	SL*0300M4	1 1/8	2 1/8	10 3/4 x 48	114	2106	(B)
35	SL*0350M4	1 3/8	2 1/8	10 3/4 x 72	174	2511	(C)
40	SL*0400M4	1 3/8	2 5/8	10 3/4 x 72	174	2820	(C)
15	SL*0150L2	7/8	2 1/8	8 5/8 x 48	84	1639	(A)
22	SL*0220L2	7/8	2 1/8	8 5/8 x 48	84	1885	(B)
27	SL*0270L2	7/8	2 1/8	8 5/8 x 48	84	2044	(B)
30	SL*0300L2	7/8	2 1/8	8 5/8 x 48	84	2069	(B)
15	SL*0150L4	7/8	2 1/8	8 5/8 x 48	75	1639	(A)
22	SL*0220L4	7/8	2 1/8	8 5/8 x 48	75	1890	(B)
27	SL*0270L4	1 1/8	2 5/8	8 5/8 x 60	94	2056	(B)
30	SL*0300L4	1 1/8	2 5/8	8 5/8 x 60	94	2170	(B)
OVERSIZED MODEL							
10	SL*0101H2	7/8	1 5/8	8 5/8 x 48	84	1845	(B)
15	SL*0151H2	7/8	1 5/8	8 5/8 x 60	106	1945	(B)
20	SL*0201H2	7/8	1 5/8	8 5/8 x 60	106	2027	(B)
25	SL*0251H2	1 1/8	2 1/8	8 5/8 x 60	106	2448	(C)
30	SL*0301H2	1 1/8	2 1/8	10 3/4 x 48	128	2587	(C)
35	SL*0351H2	1 1/8	2 1/8	10 3/4 x 72	195	2813	(C)
40	SL*0401H2	1 1/8	2 1/8	10 3/4 x 72	195	3343	(D)
50	SL*0501H2	1 3/8	2 5/8	10 3/4 x 96	262	4124	(E)
60	SL*0601H2	1 3/8	2 5/8	10 3/4 x 108	295	4367	(E)
15	SL*0151M4	1 1/8	2 1/8	8 5/8 x 60	94	1930	(B)
20	SL*0201M4	1 1/8	2 1/8	8 5/8 x 60	94	1979	(B)
25	SL*0251M4	1 1/8	2 1/8	10 3/4 x 48	114	2511	(C)
30	SL*0301M4	1 1/8	2 1/8	10 3/4 x 72	174	2584	(C)
35	SL*0351M4	1 3/8	2 1/8	10 3/4 x 72	174	3099	(D)
40	SL*0401M4	1 3/8	2 5/8	10 3/4 x 96	233	3380	(D)
15	SL*0151L2	7/8	2 1/8	8 5/8 x 48	84	1934	(B)
22	SL*0221L2	7/8	2 1/8	8 5/8 x 48	84	1947	(B)
27	SL*0271L2	7/8	2 1/8	8 5/8 x 48	84	2427	(C)
30	SL*0301L2	7/8	2 1/8	8 5/8 x 60	106	2580	(C)
15	SL*0151L4	7/8	2 1/8	8 5/8 x 48	75	1934	(B)
22	SL*0221L4	7/8	2 1/8	8 5/8 x 60	94	1987	(B)
27	SL*0271L4	1 1/8	2 5/8	8 5/8 x 60	94	2439	(C)
30	SL*0301L4	1 1/8	2 5/8	10 3/4 x 48	114	2617	(C)

* I (Ingersoll Rand) or D (Copeland Discus) compressor manufacturer.

** Receiver capacity based on 80% full.

MODEL SPECIFICATIONS

PL SERIES		CONNECTIONS (IN)		RECEIVER	CAPACITY**	ESTIMATED SHIP WEIGHT	DIMENSIONS SEE PAGES
HP	MODEL	LIQUID OD	SUCTION OD	DIAMETER x LENGTH	(LB)	(LB)	35-39
STANDARD MODEL							
50	PL*0500H2	1 1/8	2 5/8	10 3/4 x 72	195	3536	(H)
60	PL*0600H2	1 3/8	2 5/8	10 3/4 x 96	262	3968	(I)
70	PL*0700H2	1 3/8	2 5/8	10 3/4 x 96	262	4675	(J)
80	PL*0800H2	1 3/8	3 1/8	10 3/4 x 144	390	5163	(J)
100	PL*1000H2	1 5/8	3 1/8	10 3/4 x 144	390	5923	(K)
120	PL*1200H2	1 5/8	3 5/8	(2) 10 3/4 x 96	524	6812	(L)
50	PL*0500M4	1 3/8	2 5/8	10 3/4 x 72	174	3410	(H)
60	PL*0600M4	1 3/8	2 5/8	10 3/4 x 96	233	3833	(I)
70	PL*0700M4	1 3/8	3 1/8	10 3/4 x 96	233	4397	(J)
80	PL*0800M4	1 5/8	3 1/8	10 3/4 x 144	347	5058	(J)
44	PL*0440L2	7/8	2 5/8	10 3/4 x 48	128	3164	(H)
54	PL*0540L2	1 1/8	2 5/8	10 3/4 x 72	195	3512	(H)
60	PL*0600L2	1 1/8	3 1/8	10 3/4 x 72	195	3769	(I)
44	PL*0440L4	1 1/8	3 1/8	10 3/4 x 48	114	3167	(H)
54	PL*0540L4	1 3/8	3 1/8	10 3/4 x 72	174	3463	(H)
60	PL*0600L4	1 3/8	3 1/8	10 3/4 x 72	174	3772	(I)
OVERSIZED MODEL							
50	PL*0501H2	1 3/8	2 5/8	10 3/4 x 72	195	4231	(J)
60	PL*0601H2	1 3/8	2 5/8	10 3/4 x 96	262	4539	(J)
70	PL*0701H2	1 3/8	2 5/8	10 3/4 x 108	295	4905	(J)
80	PL*0801H2	1 5/8	3 1/8	10 3/4 x 144	390	5920	(K)
100	PL*1001H2	1 5/8	3 1/8	(2) 10 3/4 x 96	524	7109	(L)
120	PL*1201H2	1 5/8	3 5/8	(2) 10 3/4 x 108	590	7966	(M)
50	PL*0501M4	1 3/8	2 5/8	10 3/4 x 96	233	4389	(J)
60	PL*0601M4	1 3/8	2 5/8	10 3/4 x 108	263	4448	(J)
70	PL*0701M4	1 5/8	3 1/8	10 3/4 x 144	347	5412	(K)
80	PL*0801M4	1 5/8	3 1/8	10 3/4 x 144	347	5816	(K)
44	PL*0441L2	7/8	2 5/8	10 3/4 x 72	195	3320	(H)
54	PL*0541L2	1 1/8	2 5/8	10 3/4 x 96	262	3823	(I)
60	PL*0601L2	1 1/8	3 1/8	10 3/4 x 96	262	4465	(J)
44	PL*0441L4	1 1/8	3 1/8	10 3/4 x 72	174	3509	(I)
54	PL*0541L4	1 3/8	3 1/8	10 3/4 x 96	233	3872	(I)
60	PL*0601L4	1 3/8	3 1/8	10 3/4 x 96	233	4566	(J)

* I (Ingersoll Rand) or D (Copeland Discus) compressor manufacturer.

** Receiver capacity based on 80% full.

MODEL SPECIFICATIONS

DL SERIES		CONNECTIONS (IN)		RECEIVER	CAPACITY**	ESTIMATED SHIP WEIGHT	DIMENSIONS SEE PAGES
HP	MODEL	LIQUID OD	SUCTION OD	DIAMETER x LENGTH	(LB)	(LB)	35-39
STANDARD MODEL							
10	DL*0100H2	5/8	1 1/8	8 5/8 x 28	48	1748	(F)
15	DL*0150H2	5/8	1 3/8	8 5/8 x 28	48	1839	(F)
16	DL*0160H2	7/8	1 3/8	8 5/8 x 28	48	2378	(G)
18	DL*0180H2	7/8	1 3/8	8 5/8 x 28	48	2533	(G)
20	DL*0200H2	7/8	1 5/8	8 5/8 x 48	84	2660	(G)
24	DL*0240H2	7/8	1 5/8	8 5/8 x 48	84	2725	(G)
30	DL*0300H2	7/8	1 5/8	8 5/8 x 48	84	3115	(H)
40	DL*0400H2	7/8	1 5/8	8 5/8 x 48	84	3270	(H)
50	DL*0500H2	1 1/8	2 1/8	8 5/8 x 60	106	3509	(H)
60	DL*0600H2	1 1/8	2 1/8	10 3/4 x 48	128	3906	(I)
70	DL*0700H2	1 1/8	2 1/8	10 3/4 x 48	128	4613	(J)
80	DL*0800H2	1 1/8	2 1/8	10 3/4 x 72	195	5062	(J)
100	DL*1000H2	1 3/8	2 5/8	10 3/4 x 72	195	5802	(K)
120	DL*1200H2	1 3/8	2 5/8	10 3/4 x 96	262	6705	(L)
40	DL*0400M4	1 1/8	2 1/8	8 5/8 x 48	75	3168	(H)
50	DL*0500M4	1 1/8	2 1/8	8 5/8 x 60	94	3381	(H)
60	DL*0600M4	1 1/8	2 1/8	10 3/4 x 48	114	3776	(I)
70	DL*0700M4	1 3/8	2 1/8	10 3/4 x 72	174	4319	(J)
80	DL*0800M4	1 3/8	2 5/8	10 3/4 x 72	174	4942	(J)
44	DL*0440L2	7/8	2 1/8	8 5/8 x 48	84	3167	(H)
54	DL*0540L2	7/8	2 1/8	8 5/8 x 60	106	3452	(H)
60	DL*0600L2	7/8	2 1/8	8 5/8 x 60	106	3688	(I)
44	DL*0440L4	7/8	2 1/8	8 5/8 x 48	75	3179	(H)
54	DL*0540L4	1 1/8	2 5/8	8 5/8 x 60	94	3477	(H)
60	DL*0600L4	1 1/8	2 5/8	8 5/8 x 60	94	3765	(I)
OVERSIZED MODEL							
10	DL*0101H2	5/8	1 1/8	8 5/8 x 28	48	1812	(F)
15	DL*0151H2	5/8	1 3/8	8 5/8 x 28	48	2371	(G)
16	DL*0161H2	7/8	1 3/8	8 5/8 x 28	48	2440	(G)
18	DL*0181H2	7/8	1 3/8	8 5/8 x 48	84	2729	(G)
20	DL*0201H2	7/8	1 5/8	8 5/8 x 48	84	3077	(H)
24	DL*0241H2	7/8	1 5/8	8 5/8 x 48	84	3079	(H)
30	DL*0301H2	7/8	1 5/8	8 5/8 x 60	106	3277	(H)
40	DL*0401H2	7/8	1 5/8	8 5/8 x 60	106	3617	(I)
50	DL*0501H2	1 1/8	2 1/8	8 5/8 x 60	106	4204	(J)
60	DL*0601H2	1 1/8	2 1/8	10 3/4 x 48	128	4477	(J)
70	DL*0701H2	1 1/8	2 1/8	10 3/4 x 72	195	4927	(J)
80	DL*0801H2	1 1/8	2 1/8	10 3/4 x 72	195	5819	(K)
100	DL*1001H2	1 3/8	2 5/8	10 3/4 x 96	262	7002	(L)
120	DL*1201H2	1 3/8	2 5/8	10 3/4 x 108	295	7859	(M)
40	DL*0401M4	1 1/8	2 1/8	8 5/8 x 60	94	3515	(I)
50	DL*0501M4	1 1/8	2 1/8	10 3/4 x 48	114	4329	(J)
60	DL*0601M4	1 1/8	2 1/8	10 3/4 x 72	174	4474	(J)
70	DL*0701M4	1 3/8	2 1/8	10 3/4 x 72	174	5329	(K)
80	DL*0801M4	1 3/8	2 5/8	10 3/4 x 96	233	5895	(K)
44	DL*0441L2	7/8	2 1/8	8 5/8 x 60	106	3261	(H)
54	DL*0541L2	7/8	2 1/8	8 5/8 x 60	106	3831	(I)
60	DL*0601L2	7/8	2 1/8	10 3/4 x 48	128	4452	(J)
44	DL*0441L4	7/8	2 1/8	8 5/8 x 60	106	3526	(I)
54	DL*0541L4	1 1/8	2 5/8	8 5/8 x 60	106	3788	(I)
60	DL*0601L4	1 1/8	2 5/8	10 3/4 x 48	128	4527	(J)

* I (Ingersoll Rand) or D (Copeland Discus) compressor manufacturer.

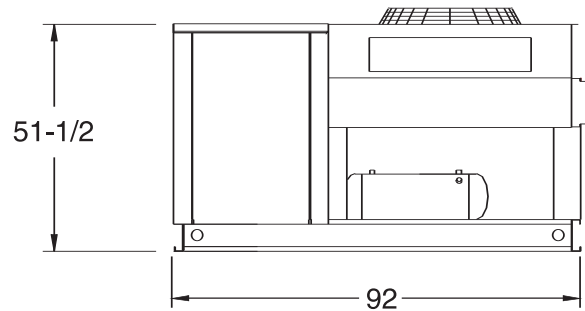
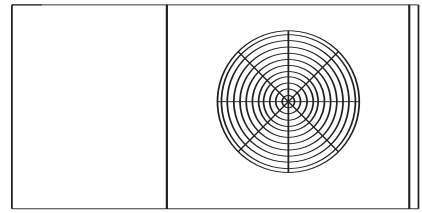
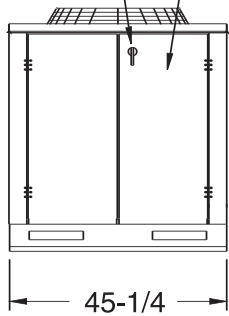
** Receiver capacity based on 80% full.

DIMENSIONAL DRAWINGS

SL SERIES

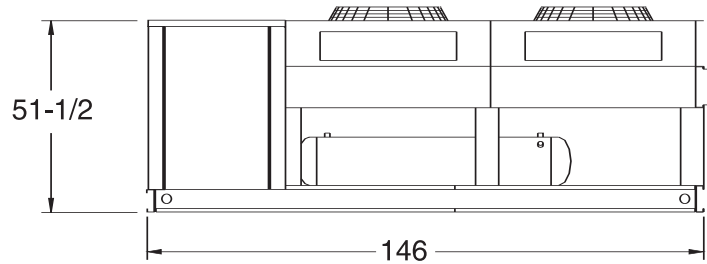
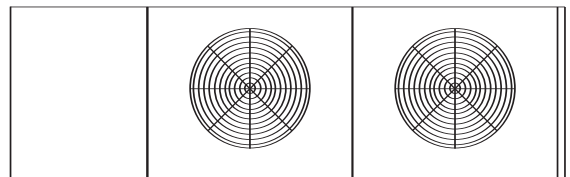
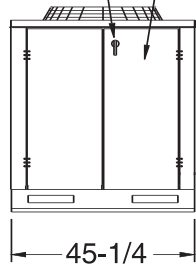
A

ACCESS FOR ELECTRICAL BOX
OPTIONAL NON-FUSED
DISCONNECT



B

ACCESS FOR ELECTRICAL BOX
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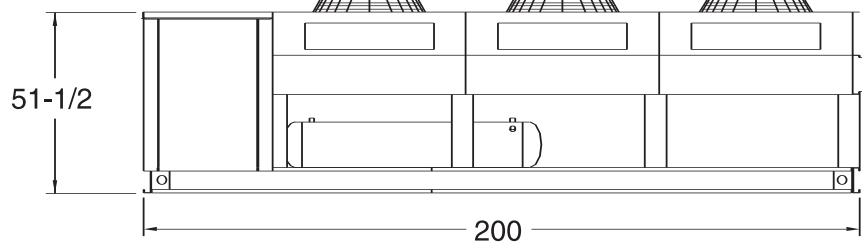
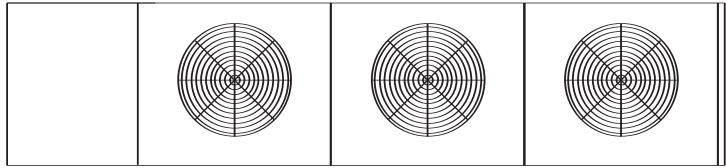
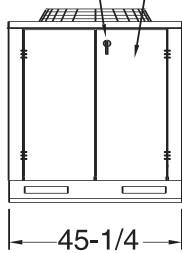


DIMENSIONAL DRAWINGS

SL SERIES

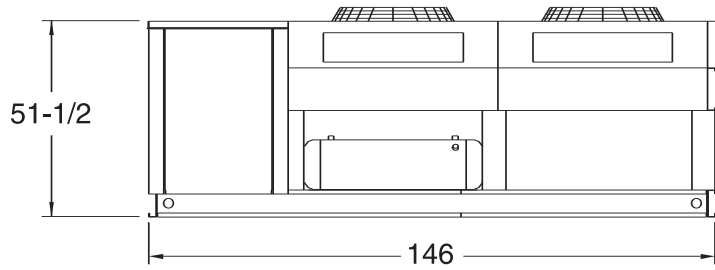
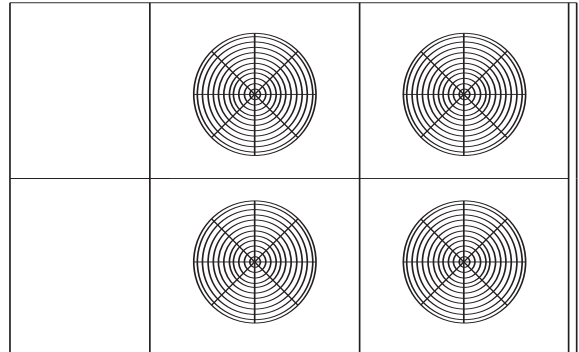
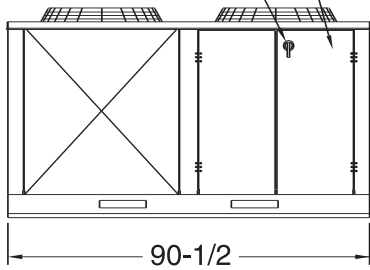
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DISCONNECT



D

ACCESS FOR ELECTRICAL BOX
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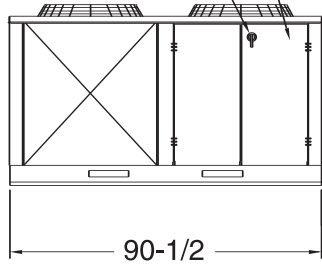


DIMENSIONAL DRAWINGS

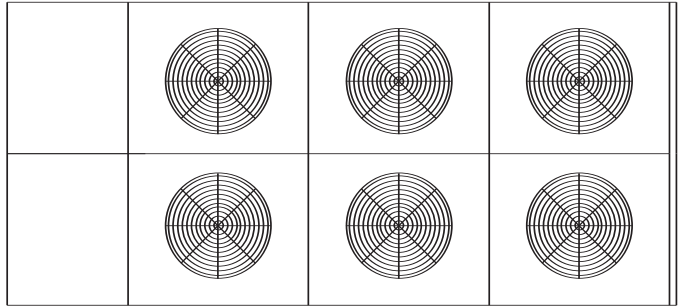
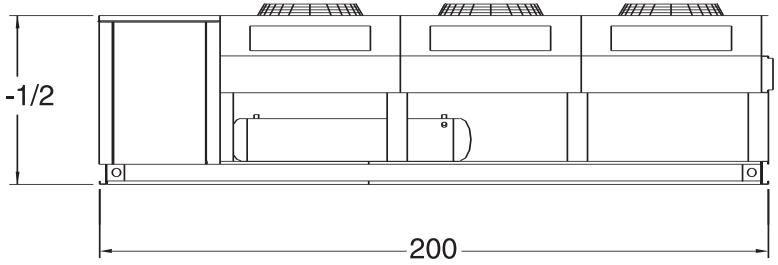
SL SERIES

E

ACCESS FOR ELECTRICAL BOX
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51-1/2

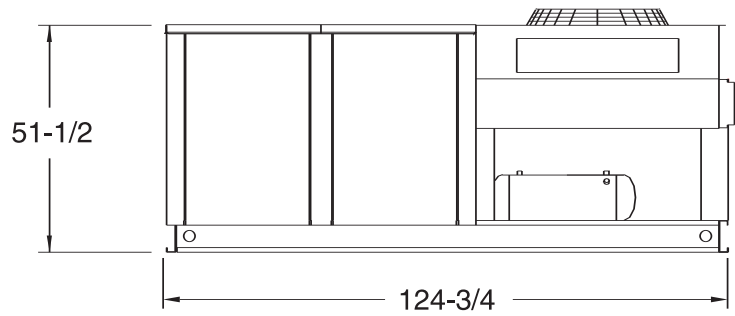
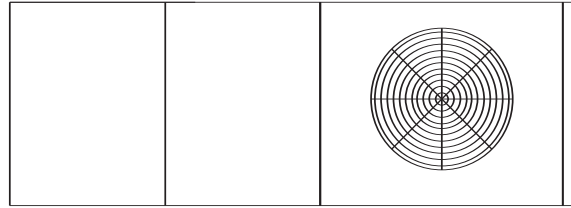
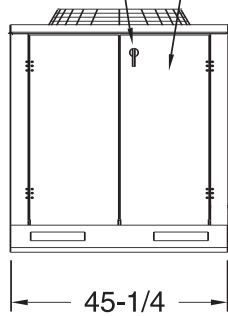


DIMENSIONAL DRAWINGS

PL/DL SERIES

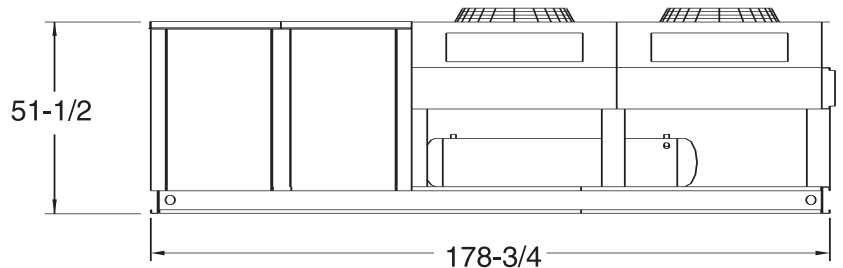
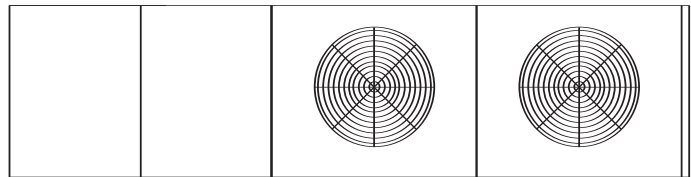
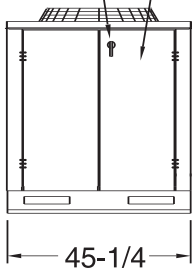
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ACCESS FOR ELECTRICAL BOX
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G

ACCESS FOR ELECTRICAL BOX
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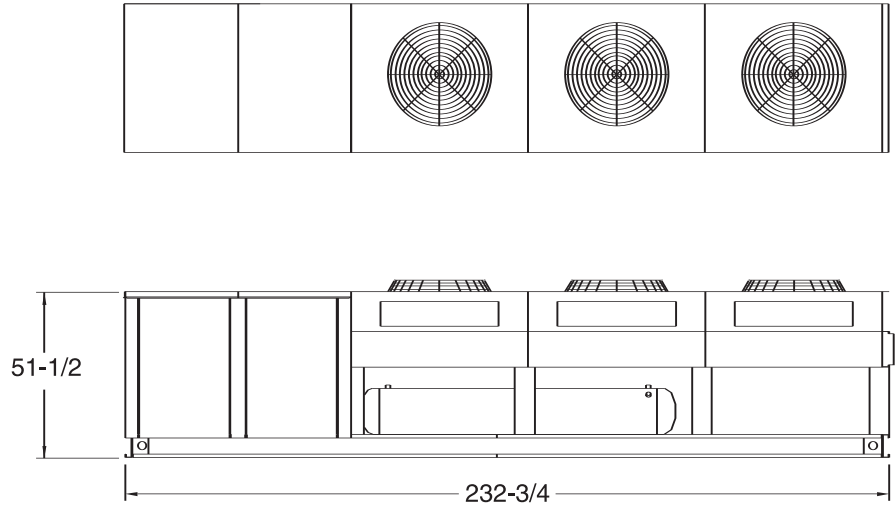
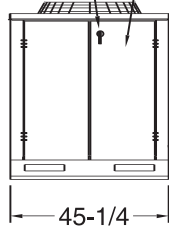


DIMENSIONAL DRAWINGS

PL/DL SERIES

H

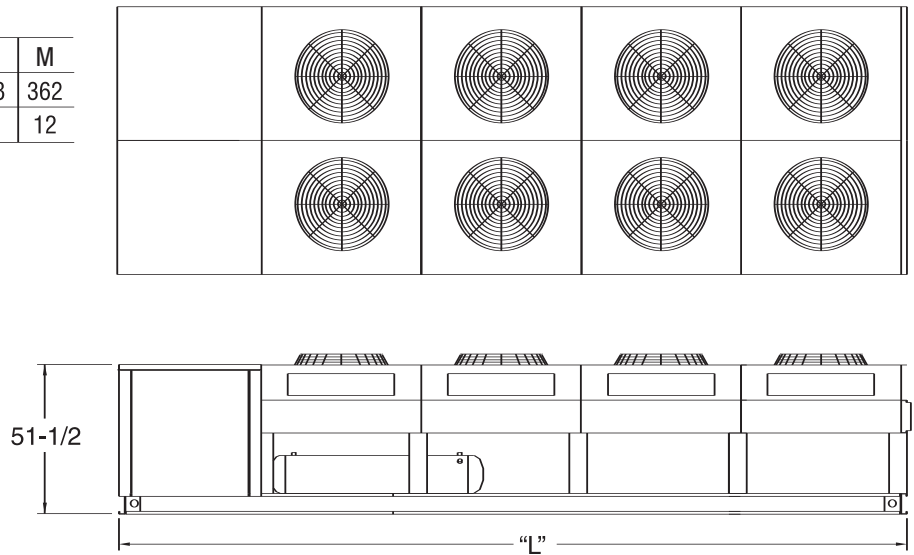
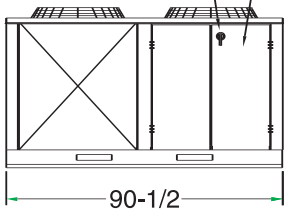
ACCESS FOR ELECTRICAL BOX
OPTIONAL NON-FUSED
DISCONNECT



I,J,K,L,M

DRAWING REF #	I	J	K	L	M
"L" DIMENSION	146	200	254	308	362
TOTAL # FANS	4	6	8	10	12

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Providing equipment and services to manage controlled-temperature environments for food and temperature sensitive products, our Climate Control Technologies sector encompasses both transport and stationary refrigeration solutions. Our product brands include Thermo King®, world leader in transport temperature control systems, and Hussmann®, a manufacturer of refrigeration and food merchandising equipment.

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