

**COMMERCIAL
PRODUCT SPECIFICATIONS**

Bulletin No. 311010
November 2022



072-090 Models



120-150 Models

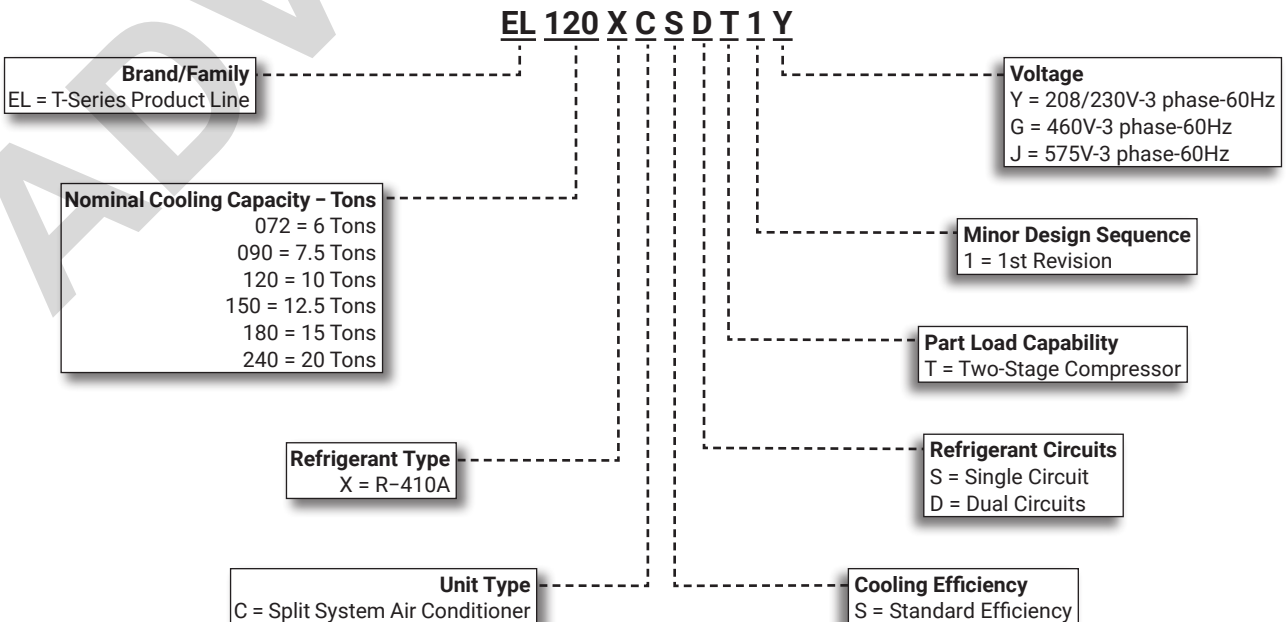
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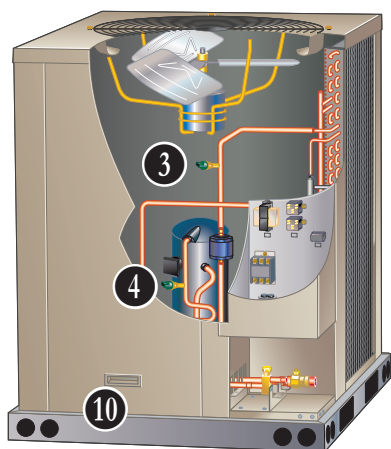
180-240 Models

IEER up to 16.0
6 to 20 Tons
Cooling Capacity - 71,000 to 232,000 Btuh

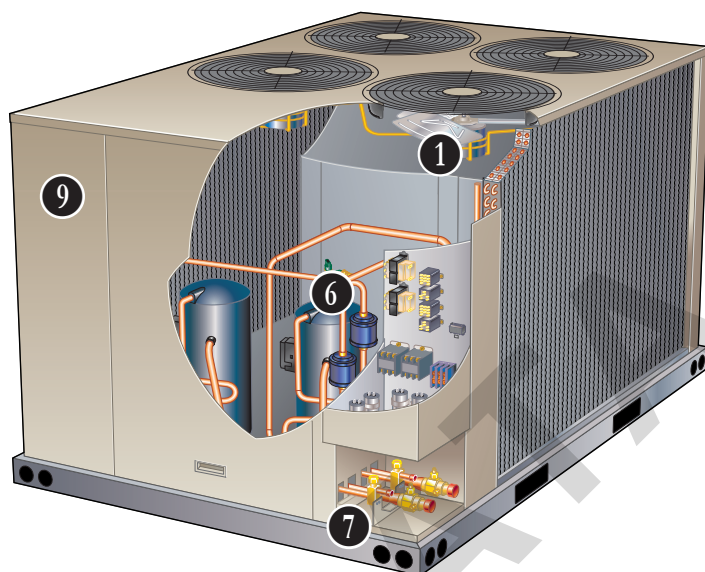
MODEL NUMBER IDENTIFICATION



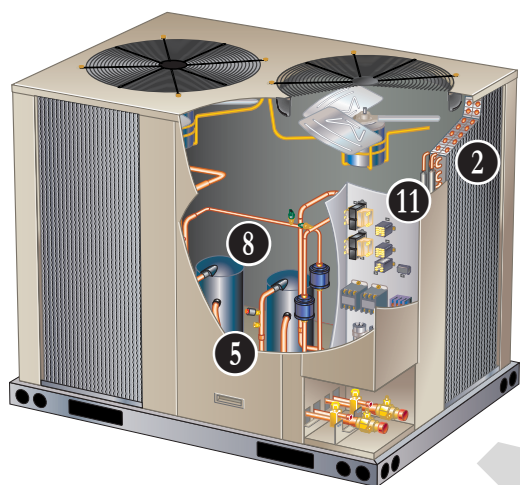
FEATURE HIGHLIGHTS



072-090 Models



180-240 Models



120 Model (150 Model Similar)

1. Outdoor Coil Fans
2. Copper Tube/Enhanced Fin Coils
3. High Pressure Switch
4. Low Pressure Switch
5. Loss of Charge Switch
6. Hi-Capacity Driers
7. Refrigerant Lines and Service Valves
8. Scroll Compressors
9. Heavy Gauge Pre-Painted Steel Cabinet
10. Heavy Duty Steel Base Rails
11. Control Box

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APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 340/360 certified
- ETL listed
- All units meet cooling requirements of ASHRAE 90.1, IECC 2015, and California Code of Regulations, Title 24
- Tested in a ETL certified environmental testing facility
- Sound tested in accordance with test conditions included in AHRI Standard 270 or 370
- Unit and components UL, ULC, NEC and CEC bonded for grounding to meet safety standards for servicing
- All models are ASHRAE 90.1 energy efficiency compliant and meet or exceed requirements of Section 6.8
- All models meet DOE 2023 energy efficiency standards
- ISO 9001 Registered Manufacturing Quality System

WARRANTY

- Compressors - Limited five years in non-residential applications
- All other covered components - Limited one year

FEATURES AND BENEFITS

APPLICATIONS

- One Compressor - 6, 7.5, 10 ton models
- Two Compressors - 10, 12.5, 15 and 20 ton models
- Applicable to matching indoor air handlers
- Shipped completely factory assembled, piped, and wired
- Test operated at the factory insuring proper operation

REFRIGERATION SYSTEM

R-410A Refrigerant

- Non-chlorine, ozone friendly

NOTE - Refrigerant is not furnished and must be field supplied.

1 Outdoor Coil Fans

- One Outdoor Fan - 072 and 090
- Two Outdoor Fans - 120 and 150
- Four Outdoor Fans - 180 and 240
- Direct drive fans moves large volumes of air uniformly through entire condenser coil for high refrigerant cooling capacity
- Totally enclosed fan motors
- Overload protected
- Rain shield furnished

2 Copper Tube/Enhanced Fin Coils

- Wrap-around "U" Shaped Coil - 072-090-120 models
- Two "L" Shaped Coils - 150-180-240 models
- Ripple-edge aluminum fins
- Seamless copper tube construction
- Lanced fins for maximum fin surface exposure
- Fin collars grip tubing for maximum contact area
- Flared shoulder tubing connections
- Machine brazed silver soldering
- Factory tested under high pressure
- Completely accessible for cleaning

3 High Pressure Switches

- Protects the system from high pressure conditions
- Manual reset

4 Low Pressure Switches

- EL072XCSS, EL090XCSS, EL120XCSS single circuit models
- Shuts off unit if suction pressure falls below setting
- Loss of charge and freeze-up protection
- Automatic reset

5 Loss of Charge Switches

- EL120XCSD, EL150XCSD, EL180XCSD, EL240XCSD dual circuit models
- Shuts off unit if liquid line pressure falls below setting
- Provides loss of charge and freeze-up protection
- Automatic reset

6 Hi-Capacity Driers

- Traps moisture or dirt

7 Refrigerant Lines and Service Valves

- Suction and liquid lines located on corner of unit
- Sweat connections
- See dimension drawings
- Fully serviceable suction and liquid line service valves provide complete service access to refrigerant system
- Suction valve can be fully shut off, while liquid valve can be front seated to manage refrigerant charge while servicing system
- Accessible outside of unit cabinet

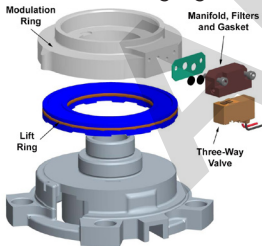
FEATURES AND BENEFITS

SCROLL COMPRESSORS

- 8 • Single Two-Stage Compressor - EL072XCSS, EL090XCSS and EL120XCSS single circuit models
- Dual Two-Stage Compressors - EL120XCSD, EL150XCSD, EL180XCSD and EL240XCSD dual-circuit models
- High efficiency with uniform suction flow
- Constant discharge flow, high volumetric efficiency and quiet operation
- Low gas pulses during compression reduces operational sound levels
- Compressor motor is internally protected from excessive current and temperature
- Compressor is installed in the unit on resilient rubber mounts for vibration free operation

Scroll Compressor Operation

- Two involute spiral scrolls matched together generate a series of crescent-shaped gas pockets between them
- During compression, one scroll remains stationary while the other scroll orbits around it
- Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates
- As the spiral movement continues, gas pockets are pushed to the center of the scrolls
- Volume between the pockets is simultaneously reduced
- When the pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls
- During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle
- Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency
- Compressor is tolerant to the effects of slugging and contaminants
- If this occurs, scrolls separate, allowing liquid or contaminants to be worked toward the center and discharged
- A 24-volt DC solenoid valve inside the compressor controls staging



- When the 3-way solenoid is energized it moves the lift ring assembly to block the ports and the compressor operates at full-load or 100% capacity
- When the solenoid is de-energized the lift ring assembly moves to unblock the compressor

ports and the compressor operates at part-load or approximately 67% of its full-load capacity

- The "loading" and "unloading" of the two stage scroll is done "on the fly" without shutting off the single-speed compressor motor between stages

Crankcase Heater

- Crankcase heater(s) prevents migration of liquid refrigerant into compressor(s) and ensures proper compressor lubrication

CABINET

- 9 • Heavy-gauge, pre-painted steel cabinet
- Removable panels for unit servicing
- 10 • Heavy duty steel base rails raise the unit off of mounting surface
- Unit lifting holes and forklift slots furnished in base rails
- See dimension drawings
- 11 • Control Box
- Control box located in separate compartment in unit cabinet
- All controls are pre-wired at the factory
- Control box is large enough for field installed DDC or other field supplied control modules

Options/Accessories

Factory Installed

Corrosion Protection

- Available for enhanced condenser coil corrosion protection
- Polymeric epoxy coating deposited by electrical transport (electrophoresis) using a process known as electrocoat (e-coat)
- Painted base pan furnished

Field Installed

Combination Coil/Hail Guards

- Heavy gauge steel frame with expanded metal mesh to protect the outdoor coil from damage

FEATURES AND BENEFITS

CONTROLS

Options/Accessories

Field Installed

Low Ambient Control

- Air conditioning units operate satisfactorily down to 45°F outdoor air temperature without any additional controls
- Kit allows unit operation down to 0°F
- Head pressure speed controller reduces outdoor fan operation during low ambient conditions until head pressure rises to the setpoint
- Pressure transducers are mounted on the liquid lines
- High pressure switches are furnished to replace existing switches
- Wiring harnesses are furnished for simple plug-in wiring to fans and controller

Indoor Air Quality (CO₂) Sensors

- Monitors CO₂ levels
- Adjusts economizer dampers as needed

Thermostat

- Thermostat is not furnished with unit and must be ordered extra

Aftermarket Unit Controller Options

- See Options/Accessories table for selection

Furnace Twinning Panel

- Required to operate two identical furnaces simultaneously from a single thermostat
- For single stage conventional (1 heat/1 cool), multi-stage conventional (2 heat/2 cool) and heat pump (3 heat/2 cool) equipment
- Can be used with common or separate ducted systems
- Contains PC Control Board with terminal strip connections for thermostat and HVAC equipment
- LEDs indicate system operating status
- Uses standard 18-gauge thermostat wire
- Power Supply: 24 VAC, 40VA (transformer not furnished)
- Mounting base with hardware furnished
- Dimensions (H x W x D): 10 x 5 x 2 in.

NOTE - Only identical furnaces should be twinned in order to ensure that both furnace blowers start at the same time. If furnaces are not identical, back draft dampers can be installed in either the supply or return duct.

Up to four identical furnaces can be twinned. Requires two panels that are wired together.

Aftermarket Unit Controller Options

- See Options/Accessories table for selection

ELECTRICAL

Field Installed

GFI Service Outlets (2)

- 115V ground fault circuit interrupter (GFCI) type
- Non-powered
- Field wired

ADVANCE DATA

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SPECIFICATIONS

6 TON | 7.5 TON

General Data		Model No.	EL072XCSS	EL090XCSS
Nominal Size - Tons			6	7.5
Connections (sweat)	Liquid line - in. (o.d)		(1) 3/8	(1) 5/8
	Suction line - in. (o.d)		(1) 1-1/8	(1) 1-1/8
Refrigerant (R-410A)	Factory Charge		R-410A holding charge (2 lbs. per circuit)	
	No. of Circuits		1	1
	¹ Field charge (25 ft. line set)		18 lbs. 0 oz. (includes holding charge)	20 lbs. 0 oz. (includes holding charge)
Compressor			(1) Two Stage Scroll	(1) Two Stage Scroll
Condenser Coil	Net face area - sq. ft.	Outer coil	29.3	29.3
		Inner coil	14.2	28.4
	Tube diameter - in. & no. of rows		3/8 - 1.5	3/8 - 2
	Fins per inch		20	20
Condenser Fan(s)	Diameter - in. & no. of blades		(1) 24 - 3	(1) 24 - 4
	Motor hp		(1) 1/3	(1) 1/2
	Total air volume - cfm		4700	5600
	Rpm		1075	1075
	Watts		400	580

ELECTRICAL DATA

Line voltage data - 60 hz - 3 phase		208/230V	460V	575V	208/230V	460V	575V
² Maximum Overcurrent Protection (amps)		40	20	15	60	25	20
³ Minimum circuit ampacity		25	12	9	37	17	13
Compressor	No. of Compressors	1	1	1	1	1	1
	Rated load amps	17.6	8.5	6.3	26.9	12	9
	Locked rotor amps	136	66.1	55.3	165	94	65
Condenser Fan Motor (1 phase)	No. of motors	1	1	1	1	1	1
	Full load amps	2.4	1.3	1	3	1.5	1.2
	Locked rotor amps	4.3	2.4	1.9	6	3	2.9

NOTE - All units have a minimum Short Circuit Current Rating (SCCR) of 5000 amps.

NOTE - Extremes of operating range are plus and minus 10% of line voltage.

¹ Field provided charge with 25 ft. line set. ² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

SPECIFICATIONS - 10 TON

10 TON

General Data		Model No.	EL120XCSS	EL120XCSD
Nominal Size - Tons			10	10
Connections (sweat)	Liquid line - in. (o.d)		(1) 5/8	(2) 3/8
	Suction line - in. (o.d)		(1) 1-1/8	(2) 1-1/8
Refrigerant (R-410A)	Factory Charge		R-410A holding charge (2 lbs. per circuit)	
	No. of Circuits		1	2
	¹ Field charge (25 ft. line set)	Circuit 1	23 lbs. 0 oz. (includes holding charge)	12 lbs. 0 oz. (includes holding charge)
		Circuit 2	---	12 lbs. 0 oz. (includes holding charge)
Compressor			(1) Two Stage Scroll	(2) Two Stage Scroll
Condenser Coil	Net face area - sq. ft.	Outer coil	29.3	29.3
		Inner coil	28.4	28.4
	Tube diameter - in. & no. of rows		3/8 - 2	3/8 - 2
	Fins per inch		20	20
Condenser Fan(s)	Diameter - in. & no. of blades		(2) 24 - 3	(2) 24 - 3
	Motor hp		(2) 1/3	(2) 1/3
	Total air volume - cfm		8300	8300
	Rpm		1075	1075
	Watts		830	830

ELECTRICAL DATA

Line voltage data - 60 hz - 3 phase		208/230V	460V	575V	208/230V	460V	575V
² Maximum Overcurrent Protection (amps)		80	35	25	50	20	15
³ Minimum circuit ampacity		49	22	16	37	18	14
Compressor	No. of Compressors	1	1	1	2	2	2
	Rated load amps (total)	34.6	14.8	11.1	14 (28)	6.5 (13)	4.9 (9.8)
	Locked rotor amps (total)	240	130	93.7	93 (186)	60 (120)	41 (82)
Condenser Fan Motor (1 phase)	No. of motors	2	2	2	2	2	2
	Full load amps (total)	2.4 (4.8)	1.3 (2.6)	1 (2)	2.4 (4.8)	1.3 (2.6)	1 (2)
	Locked rotor amps (total)	4.3 (8.6)	2.4 (4.8)	1.9 (3.8)	4.3 (8.6)	2.4 (4.8)	1.9 (3.8)

NOTE - All units have a minimum Short Circuit Current Rating (SCCR) of 5000 amps.

NOTE - Extremes of operating range are plus and minus 10% of line voltage.

¹ Field provided charge with 25 ft. line set. ² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

SPECIFICATIONS

12.5 TON | 20 TON

General Data		Model No.	EL150XCSD	EL180XCSD	EL240XCSD
		Nominal Size - Tons	12.5	15	20
Connections (sweat)	Liquid line - in. (o.d)		(2) 3/8	(2) 5/8	(2) 5/8
	Suction line - in. (o.d)		(2) 1-1/8	(2) 1-1/8	(2) 1-1/8
Refrigerant (R-410A)	Factory Charge	R-410A holding charge (2 lbs. per circuit)			
	No. of Circuits		2	2	2
	¹ Field charge (25 ft. line set)	Circuit 1	15 lbs. 0 oz. (includes holding charge)	24 lbs. 0 oz. (includes holding charge)	22 lbs. 4 oz. (includes holding charge)
	Circuit 2	15 lbs. 0 oz. (includes holding charge)	24 lbs. 0 oz. (includes holding charge)	23 lbs. 3 oz. (includes holding charge)	
Compressor			(2) Two Stage Scroll	(2) Two Stage Scroll	(2) Two Stage Scroll
Condenser Coil	Net face area - sq. ft. Outer coil		34.2	58.7	58.7
	Inner coil		33.3	57.7	57.7
	Tube diameter - in. & no. of rows		3/8 - 2	3/8 - 2	3/8 - 2
	Fins per inch		20	20	20
Condenser Fan(s)	Diameter - in. & no. of blades		(2) 24 - 4	(4) 24 - 3	(4) 24 - 3
	Motor hp		(2) 1/2	(4) 1/3	(4) 1/3
	Total air volume - cfm		10,300	16,600	16,600
	Rpm		1075	1075	1075
	Watts		1130	1660	1660

ELECTRICAL DATA

Line voltage data - 60 hz - 3 phase		208/230V	460V	575V	208/230V	460V	575V	208/230V	460V	575V
² Maximum Overcurrent Protection (amps)		60	30	20	90	40	30	110	50	40
³ Minimum circuit ampacity		46	23	17	71	33	25	88	39	29
Compressor	No. of Compressors	2	2	2	2	2	2	2	2	2
	Rated load amps (total)	17.6 (35.2)	8.5 (17)	6.3 (12.6)	26.9 (53.8)	12 (24)	9 (18)	34.6 (69.2)	14.8 (29.6)	11.1 (22.2)
	Locked rotor amps (total)	136 (272)	66.1 (132.2)	55.3 (110.6)	164 (328)	100 (200)	78 (156)	240 (480)	130 (260)	93.7 (187.4)
Condenser Fan Motor (1 phase)	No. of motors	2	2	2	4	4	4	4	4	4
	Full load amps (total)	3 (6)	1.5 (3)	1.2 (2.4)	2.4 (9.6)	1.3 (5.2)	1 (4)	2.4 (9.6)	1.3 (5.2)	1 (4)
	Locked rotor amps (total)	6 (12)	3 (6)	2.9 (5.8)	4.3 (17.2)	2.4 (9.6)	1.9 (7.6)	4.3 (17.2)	2.4 (9.6)	1.9 (7.6)

NOTE - All units have a minimum Short Circuit Current Rating (SCCR) of 5000 amps.

NOTE - Extremes of operating range are plus and minus 10% of line voltage.

¹ Field provided charge with 25 ft. line set. ² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

WEIGHT DATA

Model No.	Net		Shipping	
	lbs.	kg	lbs.	kg
072XCSS	318	144	338	153
090XCSS	345	157	365	166
120XCSS	452	205	477	216
120XCSD	486	220	511	232
150XCSD	535	243	560	254
180XCSD	784	356	809	367
240XCSD	864	392	889	403

OPTIONS / ACCESSORIES

COMBINED COIL/HAIL GUARDS

072, 090	40	18	45	20
120	45	20	50	23
150	45	20	50	23
180, 240	90	41	100	45

OPTIONS / ACCESSORIES

Item Description	Catalog No.	EL 072	EL 090	EL 120	EL 120	EL 150	EL 180	EL 240
		XCSS	XCSS	XCSS	XCSD	XCSD	XCSD	XCSD
CABINET								
Combined Coil/Hail Guards	13T29	X	X					
	13T30			X	X			
	13T32					X		
	13T37						X	X
Corrosion Protection	Factory	O	O	O	O	O	O	O

CONTROLS

BACnet® Module	17A08	X	X	X				
BACnet® Sensor with Display	97W23	X	X	X				
BACnet® Sensor without Display	97W24	X	X	X				
Low Ambient Control (0°F)	16F18	X	X					
	16F26			X				
	16F24				X			
	24K11					X		
	16F25						X	X
Furnace Twinning Panel	Y3653	X	X	X				

ELECTRICAL

GFI	15 amp non-powered, field-wired (208/230V, 460V only)	74M70	X	X	X	X	X	X	X
Service Outlets	20 amp non-powered, field-wired (575V only)	67E01	X	X	X	X	X	X	X

INDOOR AIR QUALITY

Sensor - Wall-mount, off-white plastic cover with LCD display	77N39	X	X	X	X	X	X	X
Sensor - Wall-mount, off-white plastic cover, no display	87N53	X	X	X	X	X	X	X
Sensor - Black plastic case with LCD display, rated for plenum mounting	87N52	X	X	X	X	X	X	X
Sensor - Wall-mount, black plastic case, no display, rated for plenum mounting	87N54	X	X	X	X	X	X	X
CO ₂ Sensor Duct Mounting Kit	85L43	X	X	X	X	X	X	X
Aspiration Box - for duct mounting non-plenum rated CO ₂ sensor (77N39)	90N43	X	X	X	X	X	X	X

NOTE - The catalog and model numbers that appear here are for ordering field installed accessories only.

O - Factory Installed with extended lead time.

X - Field Installed

SOUND DATA

1 Unit Model No.	Octave Band Linear Sound Power Levels dB, re 10 ⁻¹² Watts Center Frequency - HZ							1 Sound Rating Number (dB)
	125	250	500	1000	2000	4000	8000	
EL072XCSS	65	68	73	76	72	68	63	81
EL090XCSS	64	69	73	77	74	70	63	81
EL120XCSS	70	77	82	81	77	75	71	86
EL120XCSD	71	77	80	80	77	72	67	85
EL150XCSD	68	77	80	82	78	73	65	86
EL180XCSD	73	80	83	83	79	74	66	88
EL240XCSD	73	80	85	84	80	78	74	89

NOTE - the octave sound power data does not include tonal correction.

¹ Tested according to AHRI Standard 270 test conditions.

AHRI SYSTEM MATCHES ONE OUTDOOR UNIT + ONE INDOOR UNIT

Model	Cooling Btuh	IEER	EER	Air Handler	Expansion Device	AHRI Reference
EL072XCSS	71,000	16.00	12.00	EL072XASS	Factory TXV	
EL072XCSS	73,000	14.80	11.20	EL090XASD	Factory TXV	
EL090XCSS	89,000	14.80	11.20	EL090XASD	Factory TXV	
EL090XCSS	90,000	14.80	11.20	EL120XASD	Factory TXV	
EL120XCSS	115,000	14.80	11.20	EL120XASD	Factory TXV	
EL120XCSD	115,000	14.80	11.20	EL120XASD	Factory TXV	
EL150XCSD	136,000	14.20	11.00	EL150XASD	Factory TXV	
EL150XCSD	142,000	14.20	11.00	EL180XASD	Factory TXV	
EL180XCSD	176,000	14.20	11.00	EL180XASD	Factory TXV	
EL180XCSD	196,000	14.20	11.00	EL240XASD	Factory TXV	
EL240XCSD	228,000	14.20	11.00	EL240XASD	Factory TXV	

NOTES - Units with capacity of 65,000 Btuh or greater are AHRI Certified to AHRI Standard 340/360: 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air (minimum external duct static pressure) with 25 ft. of connecting refrigerant lines.

AHRI SYSTEM MATCHES TWO OUTDOOR UNITS + ONE INDOOR UNIT

Model	Cooling Btuh	IEER	EER	Indoor Coil or Air Handler	Expansion Device	AHRI Reference
(2) EL090XCSS	170,000	14.20	11.00	EL180XASD	Factory TXV	
(2) EL120XCSS	232,000	14.40	11.00	EL240XASD	Factory TXV	

NOTES - Units with capacity of 65,000 Btuh or greater are AHRI Certified to AHRI Standard 340/360: 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air (minimum external duct static pressure) with 25 ft. of connecting refrigerant lines.

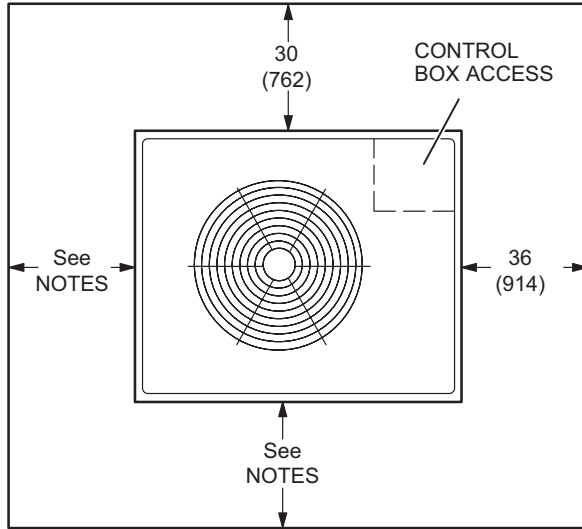
AHRI SYSTEM MATCHES ONE OUTDOOR UNIT + TWO INDOOR UNITS

Model	Cooling Btuh	IEER	EER	Indoor Coil or Air Handler	Furnace	Expansion Device	AHRI Reference
EL180XCSD	180,000	15.50	11.20	(2) EL90XASD	---	Factory TXV	
EL240XCSD	232,000	15.50	11.00	(2) EL20XASD	---	Factory TXV	

NOTES - Units with capacity of 65,000 Btuh or greater are AHRI Certified to AHRI Standard 340/360: 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air (minimum external duct static pressure) with 25 ft. of connecting refrigerant lines.

UNIT CLEARANCES

EL072 and EL090



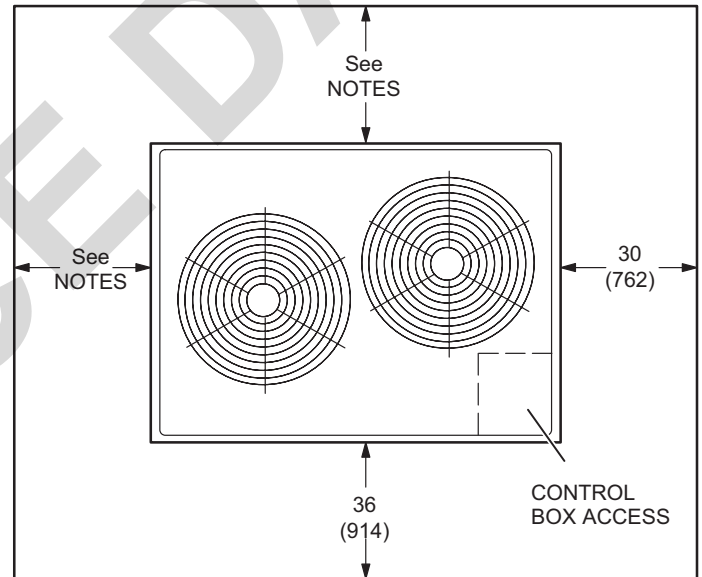
NOTES:

Clearance to one of the remaining two sides may be 12 in. (305 mm) and the final side may be 6 in. (152 mm).
 A clearance of 24 in. (610 mm) must be maintained between two units.
 48 in. (1219 mm) clearance required on top of unit.

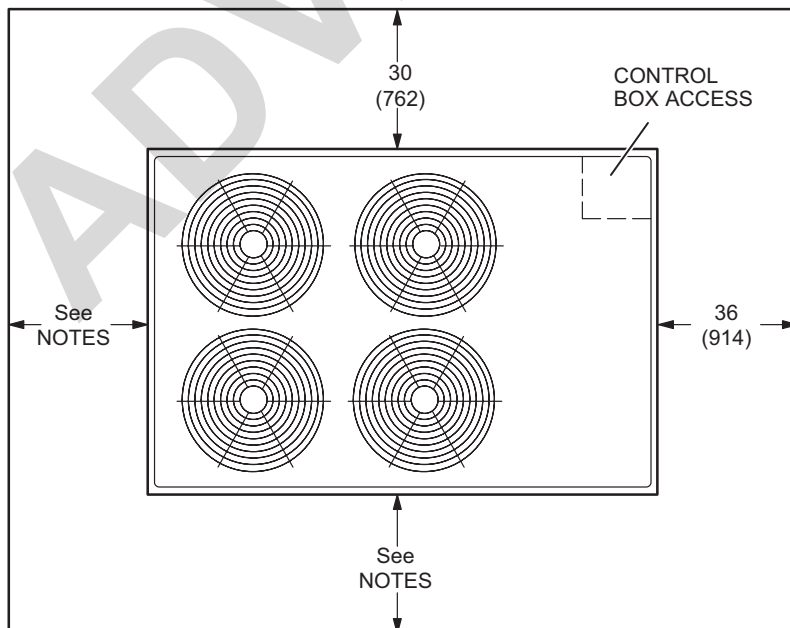
EL120 and EL150

NOTES:

Clearance to one of the remaining two sides may be 12 in. (305 mm) and the final side may be 6 in. (152 mm).
 A clearance of 24 in. (610 mm) must be maintained between two units.
 48 in. (1219 mm) clearance required on top of unit.



EL180 and EL240



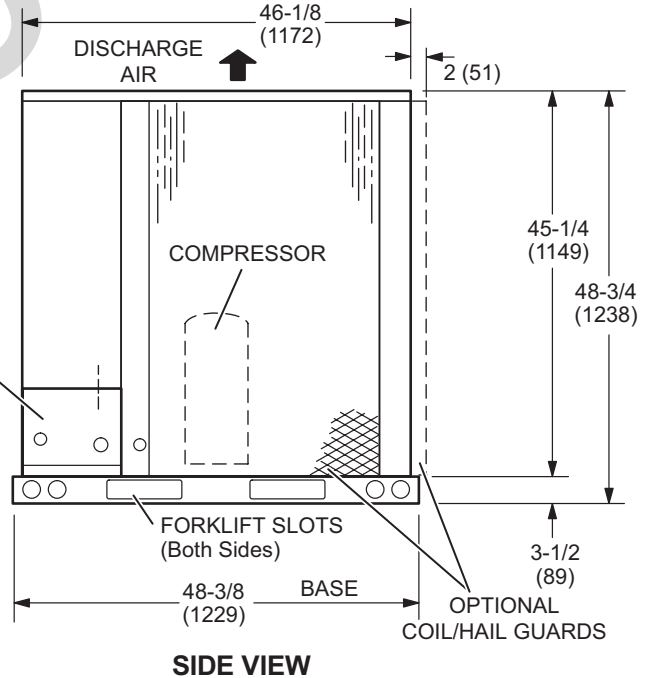
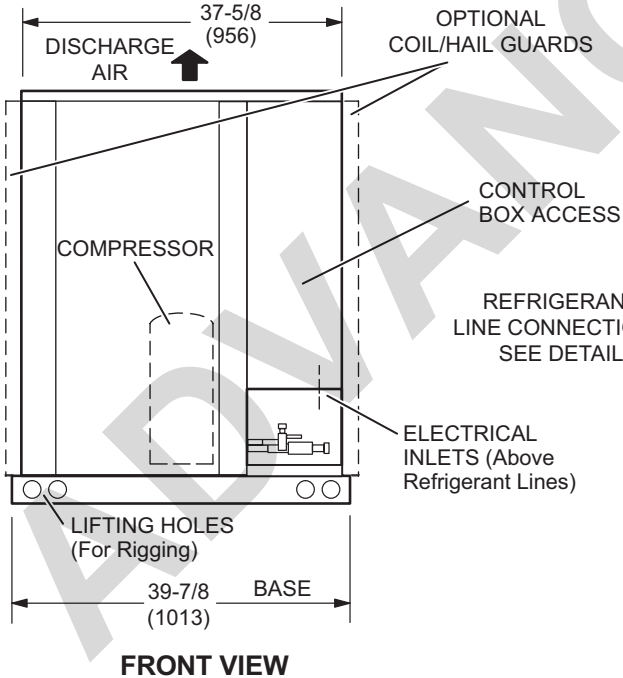
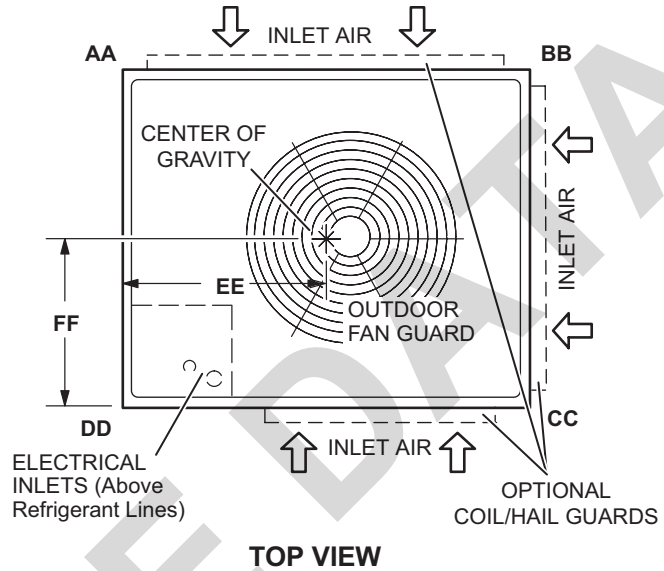
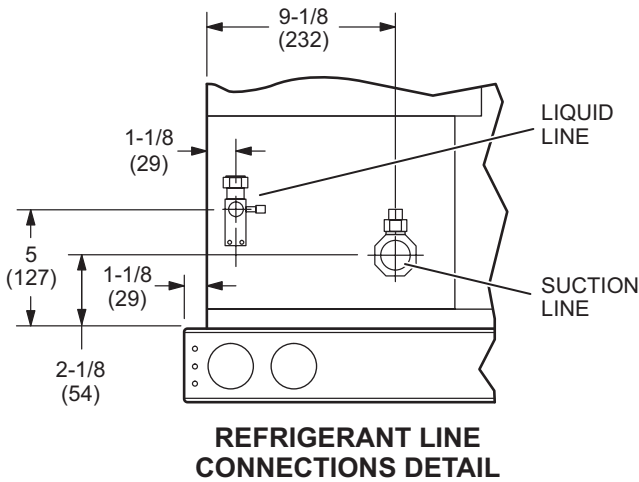
NOTES:

Clearance to one of the remaining two sides may be 12 in. (305 mm) and the final side may be 6 in. (152 mm).
 A clearance of 24 in. (610 mm) must be maintained between two units.
 48 in. (1219 mm) clearance required on top of unit.

DIMENSIONS

EL072XCSS | EL090XCSS

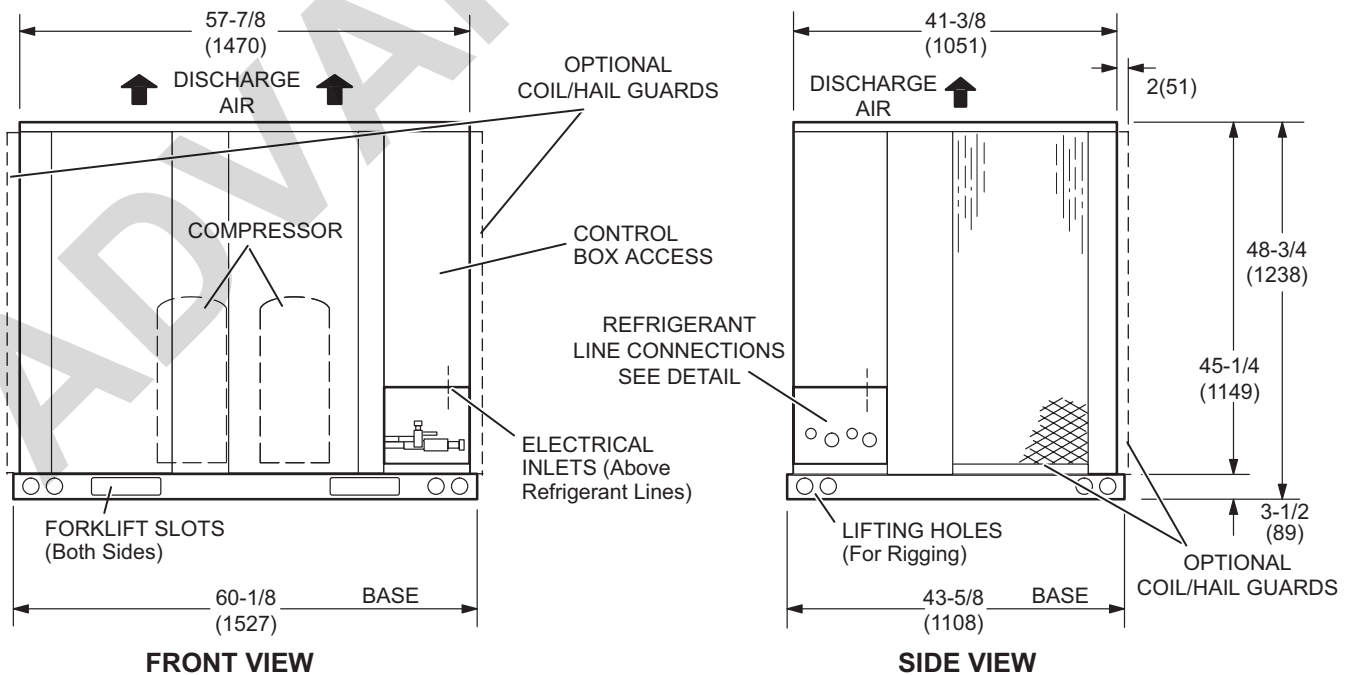
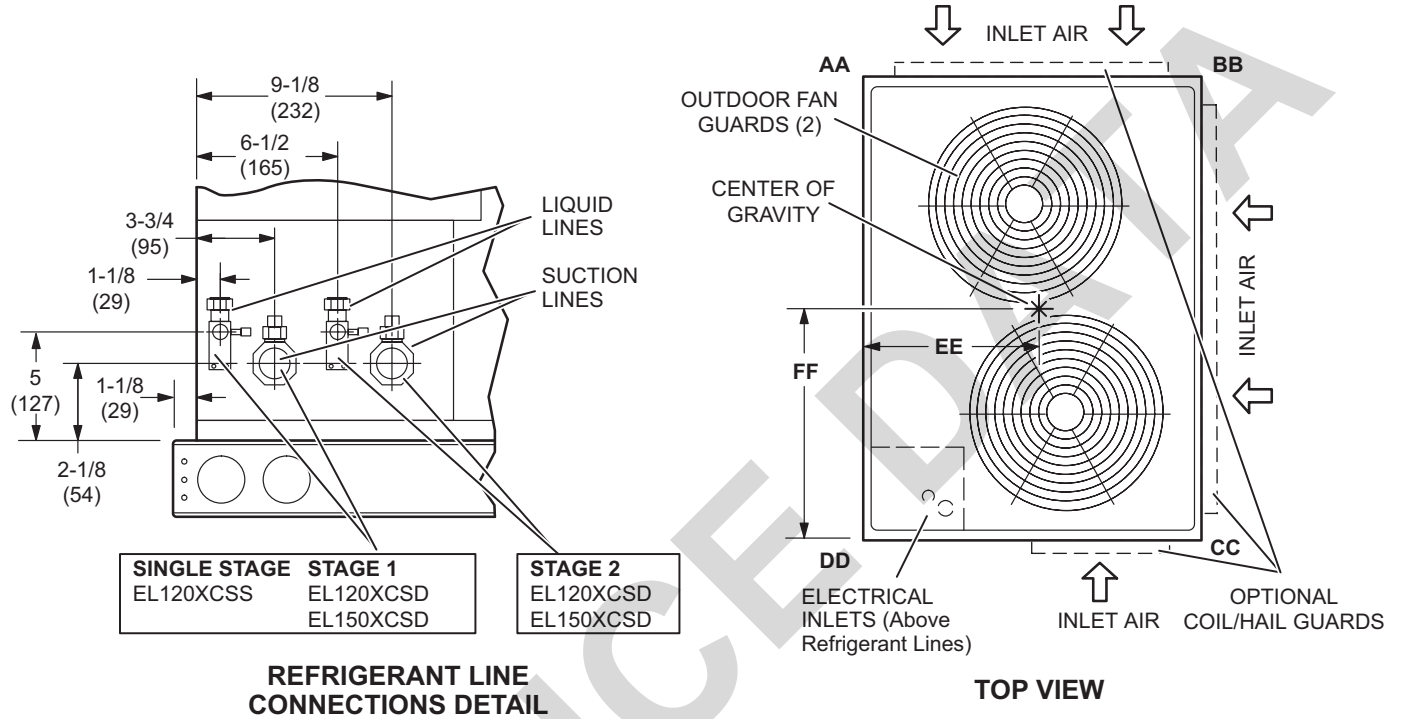
Model No.	CORNER WEIGHTS								CENTER OF GRAVITY			
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	in.	mm	in.	mm
EL072XCSS	66	30	73	33	97	44	82	37	23-1/4	591	19-1/4	489
EL090XCSS	75	34	89	40	112	51	88	40	25	635	20-1/4	514



DIMENSIONS

EL120XCSS | EL120XCSD | EL150XCSD

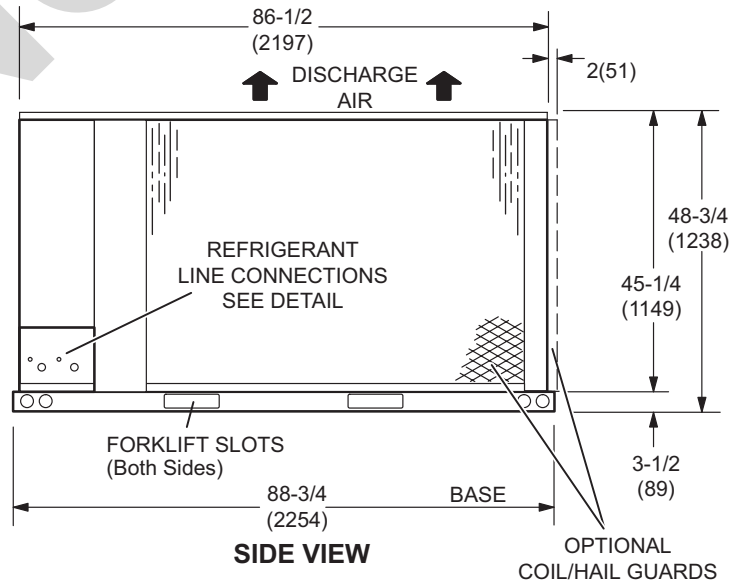
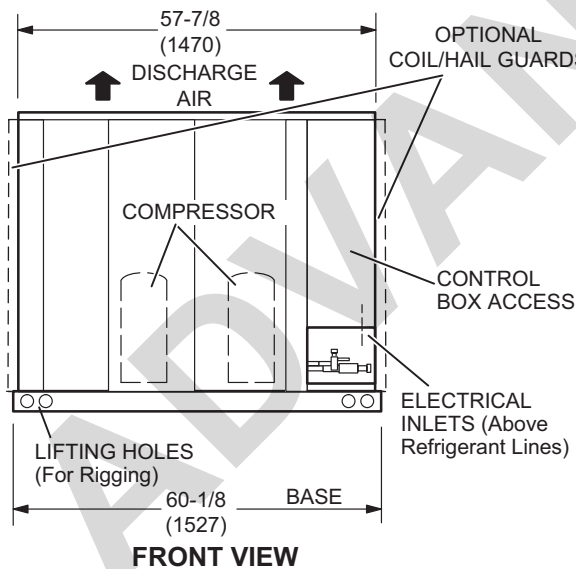
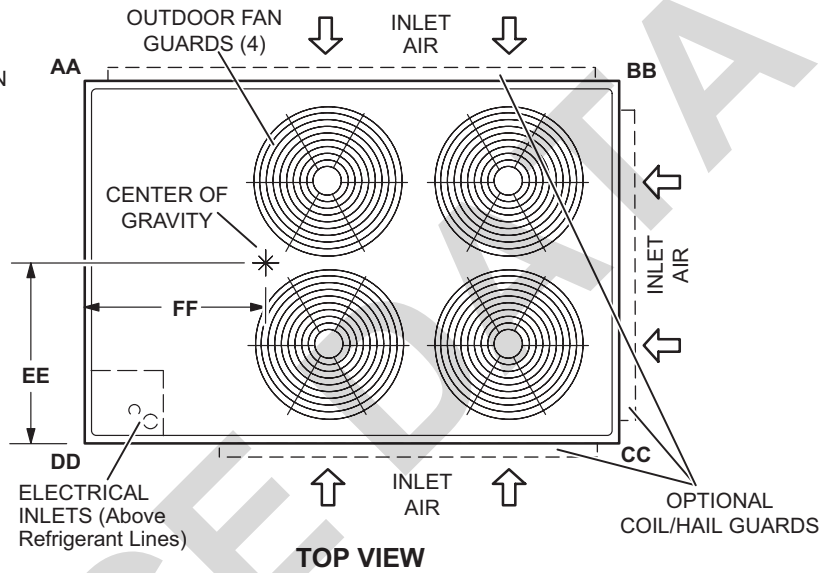
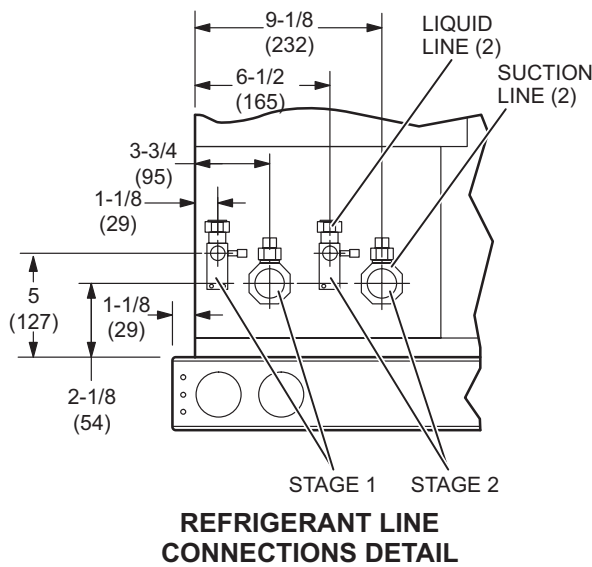
Model No.	CORNER WEIGHTS								CENTER OF GRAVITY			
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	in.	mm	in.	mm
EL120XCSS	130	59	124	56	107	49	111	50	20-1/2	521	33-1/2	851
EL120XCSD	122	55	119	54	127	58	131	59	21	533	28-1/2	724
EL150XCSD	144	66	132	60	133	60	145	66	19	483	30	762



DIMENSIONS

EL180XCSD | EL240XCSD

Model No.	CORNER WEIGHTS								CENTER OF GRAVITY			
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	in.	mm	in.	mm
EL180XCSD	181	82	177	81	215	98	221	100	29	737	38	965
EL240XCSD	192	87	189	86	232	105	238	108	29	737	37-1/2	953



RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL072XCSS + EL072XASS - PART LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL072XCSS + EL072XASS - FULL LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL072XCSS + EL090XASD - PART LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL072XCSS + EL090XASD - FULL LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL090XCSS + EL090XASD - PART LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		65°F						75°F						85°F						95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F																									
67°F																									
71°F																									

EL090XCSS + EL090XASD - FULL LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F																									
67°F																									
71°F																									

EL090XCSS + EL120XASD - PART LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		65°F						75°F						85°F						95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F																									
67°F																									
71°F																									

EL090XCSS + EL120XASD - FULL LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																							
		85°F						95°F						105°F						115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F					
63°F																									
67°F																									
71°F																									

RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL120XCSS + EL120XASD - PART LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL120XCSS + EL120XASD - FULL LOAD

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL120XCSD + EL120XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL120XCSD + EL120XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL150XCSD + EL150XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL150XCSD + EL150XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL150XCSD + EL180XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL150XCSD + EL180XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL180XCSD + EL180XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		65°F					75°F					85°F					95°F									
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)							
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb							
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F						
63°F																										
67°F																										
71°F																										

EL180XCSD + EL180XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F					95°F					105°F					115°F									
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)							
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb							
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F						
63°F																										
67°F																										
71°F																										

EL180XCSD + EL240XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		65°F					75°F					85°F					95°F									
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)							
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb							
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F						
63°F																										
67°F																										
71°F																										

(2) EL180XCSS + EL240XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F					95°F					105°F					115°F									
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)							
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb							
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F						
63°F																										
67°F																										
71°F																										

RATINGS

ONE OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

EL240XCSD + EL240XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

EL240XCSD + EL240XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

RATINGS

TWO OUTDOOR UNIT + ONE INDOOR UNIT

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

(2) EL090XCSS + EL180XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

(2) EL090XCSS + EL180XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

(2) EL120XCSS + EL240XASD - PART LOAD (1 Compressor Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		65°F					75°F					85°F					95°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

(2) EL120XCSS + EL240XASD - FULL LOAD (2 Compressors Operating)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																				
		85°F					95°F					105°F					115°F					
		Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			Total Cool Cap.	Comp. Motor Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
cfm	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F	kBtuh	kW	75°F	80°F	85°F		
63°F																						
67°F																						
71°F																						

ADVANCE DATA

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Contact us at 1-800-448-5872

NOTE - Due to Allied Commercial ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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