

# 4SCU23LX

## PRODUCT SPECIFICATIONS

HIGH EFFICIENCY  
AIR CONDITIONER SYSTEM  
UP TO 23 SEER (22 SEER2)

FORM NO. 4SCU23LX-100 (01/2023)



**COMFORT SYNC**  
COMMUNICATING THERMOSTAT ENABLED

### COMPRESSOR

- Inverter-driven scroll compressor on 5-ton units for true variable capacity operation, precision environmental control, and exceptional energy savings
- Variable rotary speed compressor on 2-, 3-, and 4-ton units
- R410A refrigerant
- Grommet-mounted compressor for quiet operation
- Heavy-duty compressor sound blanket for quiet operation
- Internally protected against high temperature motor overload conditions

### CABINET

- Full metal louvered construction to protect the coil
- Individual metal louvered panels remove easily for coil cleaning and service
- Specialized corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- Removable PVC coated wire fan discharge grill
- External gauge ports for easy service
- Removable service panel for internal access
- Compliant with Florida Building Code 2020

### COILS

- Omniguard® coil corrosion protection with all-aluminum tube-and-fin coil design
- Lanced fins for maximum heat transfer
- Factory tested for leak-proof construction
- Raised coil prevents debris from impeding airflow

### DESIGN

- Designed for installation as a fully communicating system or with a standard 24V thermostat and non-communicating equipment
- Offers three cooling operating modes to fine-tune the unit's performance to the application and consumer's needs in 24V applications
- Designed to perform in temperatures up to 125°F

### COMPONENTS

- 45-degree offset gauge ports are positioned for quick installation and easy service
- Variable speed condenser fan motor
- Swept wing fan blade for quiet operation
- Factory installed crankcase heater
- Factory installed high pressure switch
- Thread-on pressure switches for simple, quick service
- Fan orifice for smoother airflow and sound level reduction
- Comfort Sync® enabled for communicating systems
- Specialized sensors monitor ambient, liquid line, suction line, and coil temperatures for precision system control
- Shipped factory charged for 15 feet of line set

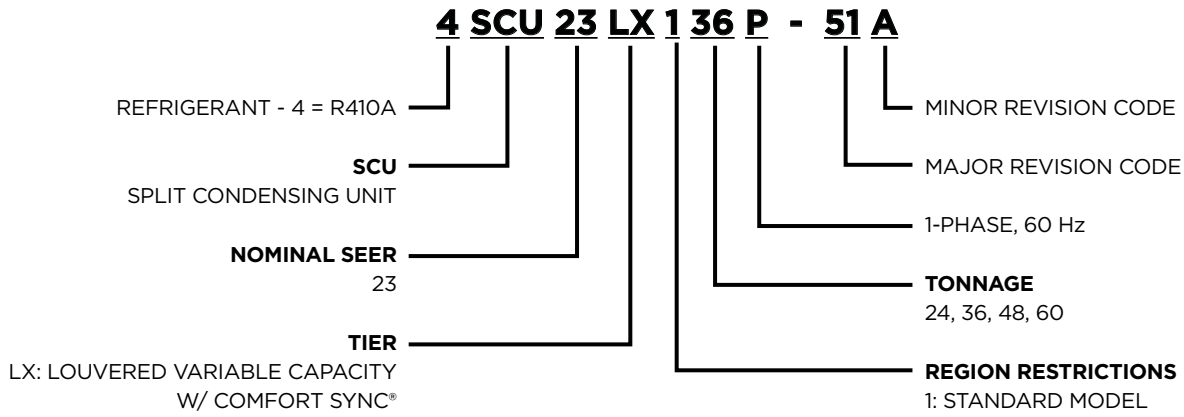
### WARRANTY

- 5 year limited warranty
- 10 year limited extended warranty on all parts and compressor

*\*Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered online within 60 days of installation to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no online registration). See full warranty at [www.alliedair.com](http://www.alliedair.com) for terms, conditions and exclusions.*



**MODEL NUMBER GUIDE**



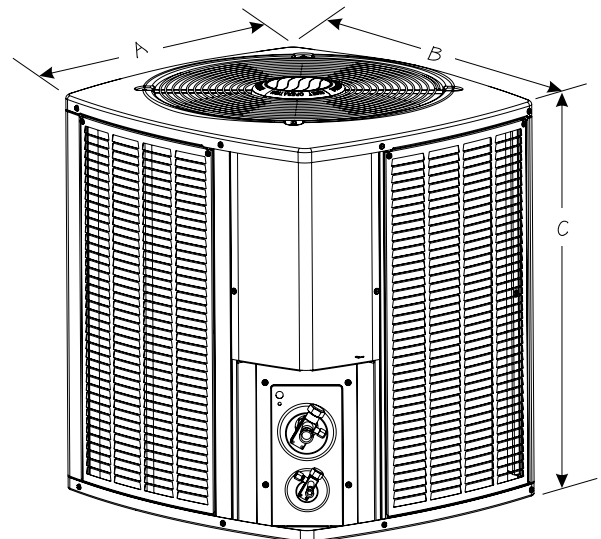
**PHYSICAL AND ELECTRICAL DATA**

Model	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Over Current Device (amps)	Compressor		Outdoor Fan Motor		
					Rated Load (amps)	Locked Rotor (amps)	Full Load (amps)	Rated HP	Nom. RPM
4SCU23LX124P-51A	208-230/60/1	197-253	12.6	20	8.0	14	2.6	1/3	Var. Spd.
4SCU23LX136P-51A	208-230/60/1	197-253	19.2	30	13.3	14			
4SCU23LX148P-51A	208-230/60/1	197-253	23.6	40	16.8	23			
4SCU23LX160P-51A	208-230/60/1	197-253	27.4	45	19.8	23			

**UNIT DIMENSIONS (IN.)**

Model	Dimensions (inch)			Shipping Weight (Lbs.)
	A - Width	B - Depth	C - Height	
4SCU23LX124P-51A	37.75	35.75	37.50	230
4SCU23LX136P-51A	37.75	35.75	37.50	230
4SCU23LX148P-51A	37.75	35.75	43.75	300
4SCU23LX160P-51A	37.75	35.75	43.75	300

*Note: Dimensions listed are unit sizes w/o packaging  
Weights listed are unit weights with packaging*



**SOUND RATINGS**

Model	Sound Power <sup>1</sup> (Low)	Estimated Sound Pressure (dBA) <sup>2</sup>			Sound Power <sup>1</sup> (High)	Estimated Sound Pressure (dBA) <sup>2</sup>		
		Approximate Distance <sup>3</sup>				Approximate Distance <sup>3</sup>		
		One Meter (3.3 feet)	Two Meters (6.6 feet)	Three Meters (9.8 feet)		One Meter (3.3 feet)	Two Meters (6.6 feet)	Three Meters (9.8 feet)
4SCU23LX124P-51A	62	54	48	44	71	63	57	53
4SCU23LX136P-51A	62	54	48	44	75	67	61	57
4SCU23LX148P-51A	65	57	51	47	76	68	62	58
4SCU23LX160P-51A	65	57	51	47	76	68	62	58

1 Rated in accordance with AHRI standard 270 (2015)  
 2 Rated in accordance with AHRI standard 275 (2010)  
 3 Based only on distance factor; other factors may change this value such as:  
 • Unit location (reflective surfaces adjacent to the unit)  
 • Barrier shielding sources  
 • Sound path/elevation  
 • Outside noise sources

**REFRIGERATION DATA**

Model	Refrig. Charge (oz.) <sup>*</sup>	TXV	Refrigerant Line Size		Outdoor Unit Connection		Indoor Unit Connection	
			Suction	Liquid	Suction	Liquid	Suction	Liquid
4SCU23LX124P-51A	127	H4TXV01	3/4	3/8	3/4	3/8	3/4	3/8
4SCU23LX136P-51A	128	H4TXV02	7/8		7/8		7/8	
4SCU23LX148P-51A	190	H4TXV03	7/8		7/8		7/8	
4SCU23LX160P-51A	191	H4TXV03	1-1/8		1-1/8		7/8	

<sup>\*</sup> Factory charged for 15 feet of line set; adjust per installation instructions  
 NOTE: Refrigerant charge also varies with indoor unit; refer to refrigerant charge label

**COOLING PERFORMANCE WITH DTC<sup>1</sup>**

Outdoor Model	Indoor Model	Cooling			
	Evap. Coil or Air Handler <sup>3</sup>	SEER <sup>2</sup>	EER <sup>2</sup>	AHRI Rated Capacity <sup>2</sup>	Sensible Capacity
4SCU23LX124P-51A	BCE7S24M	21.2	14.0	23,200	18,000
4SCU23LX136P-51A	BCE7S36M	21.4	12.5	34,800	26,600
4SCU23LX148P-51A	BCE7S48M	20.8	12.5	46,000	35,000
4SCU23LX160P-51A	BCE7S60M	19.6	12.0	55,500	41,150

Note:  
 1 DTC = Designated tested combination  
 2 Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240  
 3 A blower time delay relay is standard on all Allied Air Enterprises furnace and air handler products

**ACCESSORIES**

Description	Where Used	Kit Number
H4TXV01 (TXV Kit)	24	1.851363
H4TXV02 (TXV Kit)	36	1.851364
H4TXV03 (TXV Kit)	48, 60	1.851365
Freezestat	3/8 tubing	93G35
Crankcase Heater	All models	Factory Installed
Sound Cover	All models	Factory Installed
Loss of Charge Kit	All models	Factory Installed
Comfort Sync® Thermostat	All Models	1.841226
Comfort Sync® Zoning Controller	All models	1.851399
Comfort Sync® Zone Sensor	All Models	1.851422
Discharge Temperature Sensor	All models	88K38

COOLING PERFORMANCE EXTENDED RATINGS

4SCU23LX124P-\*\*A - BCE7S24M\*4X (MAXIMUM CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																									
		85° F (29.4° C)				95° F (35° C)				105° F (40.6° C)				115° F (46.1° C)				125° F (51.7° C)									
		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb			
cfm	L/s	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			
700	330	22.4	6.6	1220	.93	1.00	1.00	.96	1.00	1.00	20.2	5.9	1580	.99	1.00	1.00	19.2	5.6	1770	1.00	1.00	18.2	5.3	1980	1.00	1.00	
800	380	23.4	6.9	1210	.97	1.00	1.00	1.00	1.00	1.00	21.2	6.2	1580	1.00	1.00	20.0	5.9	1780	1.00	1.00	18.9	5.5	1990	1.00	1.00		
900	425	24.2	7.1	1210	1.00	1.00	1.00	1.00	1.00	1.00	22.0	6.4	1580	1.00	1.00	20.8	6.1	1790	1.00	1.00	19.6	5.7	2000	1.00	1.00		
700	330	23.2	6.8	1210	.76	.89	1.00	.78	.92	1.00	20.6	6.0	1580	.80	.95	1.00	19.4	5.7	1770	.82	.98	1.00	1.00	1.00	1.00		
800	380	23.8	7.0	1200	.61	.76	.90	.63	.78	.93	22.4	6.6	1580	.64	.81	.96	21.0	6.2	1780	.65	.83	1.00	1.00	1.00	1.00		
900	425	25.8	7.6	1200	.63	.79	.94	.64	.81	.97	23.0	6.7	1580	.66	.84	1.00	21.4	6.3	1790	.68	.87	1.00	1.00	1.00	1.00		
700	330	25.8	7.6	1200	.45	.58	.70	.45	.59	.72	23.2	6.8	1580	.46	.60	.74	21.8	6.4	1790	.47	.62	.77	20.6	6.0	2010	.47	.63
800	380	26.6	7.8	1190	.46	.60	.74	.46	.61	.76	23.8	7.0	1590	.47	.63	.78	22.4	6.6	1790	.48	.64	.81	21.0	6.2	2020	.48	.66
900	425	27.2	8.0	1190	.47	.62	.76	.47	.63	.78	24.2	7.1	1580	.48	.65	.81	22.8	6.7	1800	.48	.67	.84	21.4	6.3	2020	.49	.69

4SCU23LX124P-\*\*A - BCE7S24M\*4X (INTERMEDIATE CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																									
		85° F (29.4° C)				95° F (35° C)				105° F (40.6° C)				115° F (46.1° C)				125° F (51.7° C)									
		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb			
cfm	L/s	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			
440	210	15.0	4.4	600	.91	1.00	1.00	.94	1.00	1.00	13.7	4.0	850	.97	1.00	1.00	12.9	3.8	950	1.00	1.00	12.2	3.6	1090	1.00	1.00	
500	235	15.7	4.6	590	.96	1.00	1.00	.98	1.00	1.00	14.3	4.2	850	1.00	1.00	13.5	4.0	960	1.00	1.00	12.7	3.7	1090	1.00	1.00		
565	265	16.4	4.8	580	.99	1.00	1.00	1.00	1.00	1.00	14.9	4.4	820	1.00	1.00	14.0	4.1	950	1.00	1.00	13.2	3.9	1090	1.00	1.00		
440	210	15.6	4.5	590	.74	.88	1.00	.76	.90	1.00	14.0	4.1	830	.78	.93	1.00	13.1	3.8	950	.81	.97	1.00	1.00	1.00	1.00		
500	235	16.1	4.7	580	.77	.92	1.00	.79	.95	1.00	14.4	4.2	820	.81	.98	1.00	13.5	4.0	950	.84	1.00	1.00	1.00	1.00	1.00		
565	265	16.5	4.8	580	.80	.96	1.00	.82	.99	1.00	14.9	4.4	820	.85	1.00	1.00	14.0	4.1	950	.88	1.00	1.00	1.00	1.00	1.00		
440	210	16.6	4.9	580	.59	.72	.84	.60	.74	.87	14.9	4.4	820	.61	.76	.90	13.9	4.1	950	.62	.78	.93	13.0	3.8	1090	.64	.81
500	235	17.0	5.0	570	.61	.74	.88	.62	.77	.91	15.3	4.5	820	.63	.78	.94	14.3	4.2	950	.64	.81	.98	13.3	3.9	1100	.66	.85
565	265	17.5	5.1	570	.62	.77	.92	.63	.79	.95	15.7	4.6	820	.65	.82	.98	14.6	4.3	950	.67	.85	1.00	13.6	4.0	1090	.69	1.00
440	210	17.5	5.1	570	.44	.57	.68	.45	.58	.71	15.7	4.6	820	.45	.59	.73	14.8	4.3	950	.46	.61	.75	13.8	4.0	1090	.47	.62
500	235	18.0	5.3	560	.46	.59	.73	.46	.60	.74	16.2	4.7	810	.46	.61	.76	15.2	4.5	950	.47	.63	.79	14.2	4.2	1090	.47	.65
565	265	18.4	5.4	560	.46	.61	.75	.47	.62	.77	16.6	4.9	810	.47	.64	.80	15.5	4.5	950	.48	.66	.83	14.5	4.2	1090	.49	.68

COOLING PERFORMANCE EXTENDED RATINGS

**4SCU23LX124P-\*\*A - BCE7S24M\*4X (MINIMUM CAPACITY)**

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																													
		75° F (23.9° C)				85° F (29.4° C)				95° F (35° C)				105° F (40.6° C)																	
		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Sensible To Total Ratio (S/T)															
cfm	L/s	kW	kBTuh	Comp. Motor Watts Input	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	Indoor Dry Bulb	kW	kBTuh	Comp. Motor Watts Input	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	Indoor Dry Bulb	kW	kBTuh	Comp. Motor Watts Input	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	Indoor Dry Bulb	kW	kBTuh	Comp. Motor Watts Input	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	Indoor Dry Bulb		
																														310	145
350	165	11.0	3.2	370	.97	1.00	1.00	10.5	3.1	460	1.00	1.00	1.00	1.00	9.9	2.9	550	1.00	1.00	1.00	1.00	1.00	1.00	9.3	2.7	650	1.00	1.00	1.00	1.00	
395	185	11.5	3.4	370	1.00	1.00	1.00	11.0	3.2	450	1.00	1.00	1.00	1.00	10.4	3.0	540	1.00	1.00	1.00	1.00	1.00	1.00	9.7	2.8	640	1.00	1.00	1.00	1.00	
310	145	11.0	3.2	380	.75	.90	1.00	10.3	3.0	460	.77	.92	1.00	9.6	2.8	550	.80	.96	1.00	9.0	2.6	650	.82	.99	1.00	8.9	2.6	650	.82	.99	1.00
350	165	11.3	3.3	370	.78	.94	1.00	10.6	3.1	460	.80	.97	1.00	10.0	2.9	550	.83	1.00	1.00	9.3	2.7	640	.86	1.00	1.00	9.3	2.7	640	.86	1.00	1.00
395	185	11.6	3.4	370	.81	.98	1.00	11.0	3.2	450	.84	1.00	1.00	10.4	3.0	540	.87	1.00	1.00	9.7	2.8	640	.91	1.00	1.00	9.7	2.8	640	.91	1.00	1.00
310	145	11.6	3.4	370	.59	.73	.86	11.0	3.2	450	.60	.74	.88	10.3	3.0	540	.61	.77	.92	9.6	2.8	640	.63	.80	.96	9.6	2.8	640	.63	.80	.96
350	165	12.0	3.5	360	.61	.76	.90	11.4	3.3	450	.62	.78	.93	10.6	3.1	540	.64	.80	.96	9.9	2.9	640	.65	.83	1.00	9.9	2.9	640	.65	.83	1.00
395	185	12.3	3.6	350	.63	.79	.94	11.7	3.4	440	.64	.81	.97	10.9	3.2	540	.66	.84	1.00	10.1	3.0	640	.68	.88	1.00	10.1	3.0	640	.68	.88	1.00
310	145	12.3	3.6	350	.45	.57	.70	11.7	3.4	440	.45	.58	.72	11.0	3.2	540	.45	.60	.74	10.3	3.0	640	.46	.62	.77	10.3	3.0	640	.46	.62	.77
350	165	12.7	3.7	350	.45	.59	.73	12.1	3.5	440	.46	.61	.75	11.4	3.3	530	.46	.62	.77	10.6	3.1	630	.47	.64	.80	10.6	3.1	630	.47	.64	.80
395	185	13.1	3.8	340	.46	.61	.76	12.4	3.6	430	.47	.63	.78	11.7	3.4	530	.47	.64	.81	10.8	3.2	630	.48	.67	.85	10.8	3.2	630	.48	.67	.85

COOLING PERFORMANCE EXTENDED RATINGS

4SCU23LX136P-\*\*A - BCE7S36M\*4X (MAXIMUM CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																															
		85° F (29.4° C)			95° F (35° C)			105° F (40.6° C)			115° F (46.1° C)			125° F (51.7° C)																			
		Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input																
cfm	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C															
59°F (15°C)	1025	485	33.0	9.7	2030	.92	1.00	1.00	316	9.3	2280	.94	1.00	1.00	30.2	8.9	2550	.97	1.00	1.00	286	8.4	2840	.99	1.00	1.00	268	7.9	3160	1.00	1.00	1.00	1.00
	1180	555	34.6	10.1	2030	.96	1.00	1.00	332	9.7	2290	.98	1.00	1.00	316	9.3	2570	1.00	1.00	1.00	298	8.7	2860	1.00	1.00	1.00	280	8.2	3180	1.00	1.00	1.00	1.00
	1325	625	35.8	10.5	2040	.99	1.00	1.00	342	10.0	2300	1.00	1.00	1.00	326	9.6	2580	1.00	1.00	1.00	308	9.0	2880	1.00	1.00	1.00	288	8.4	3200	1.00	1.00	1.00	1.00
63°F (17.2°C)	1025	485	34.4	10.1	2030	.74	.88	1.00	32.8	9.6	2290	.76	.90	1.00	31.0	9.1	2560	.78	.93	1.00	29.0	8.5	2850	.80	.96	1.00	27.0	7.9	3160	.83	.99	1.00	1.00
	1180	555	35.4	10.4	2030	.77	.92	1.00	33.6	9.8	2300	.79	.95	1.00	31.8	9.3	2570	.81	.97	1.00	30.0	8.8	2870	.84	1.00	1.00	28.0	8.2	3180	.87	1.00	1.00	1.00
	1325	625	36.2	10.6	2040	.80	.96	1.00	34.6	10.1	2300	.82	.98	1.00	32.6	9.6	2580	.85	1.00	1.00	30.8	9.0	2880	.88	1.00	1.00	28.8	8.4	3200	.91	1.00	1.00	1.00
67°F (19.4°C)	1025	485	36.4	10.7	2030	.59	.72	.85	34.8	10.2	2300	.60	.73	.87	32.8	9.6	2580	.61	.75	.89	30.8	9.0	2880	.62	.78	.93	28.6	8.4	3200	.64	.81	.96	1.00
	1180	555	37.6	11.0	2040	.60	.75	.89	35.8	10.5	2310	.62	.77	.92	33.8	9.9	2590	.63	.79	.94	31.6	9.3	2890	.65	.82	.97	29.2	8.6	3210	.67	.85	1.00	
	1325	625	38.5	11.3	2040	.62	.78	.93	36.4	10.7	2310	.64	.80	.96	34.4	10.1	2600	.65	.82	.98	32.2	9.4	2900	.67	.85	1.00	29.8	8.7	3220	.69	.89	1.00	
71°F (21.7°C)	1025	485	38.5	11.3	2040	.45	.57	.70	36.6	10.7	2310	.45	.58	.71	34.8	10.2	2600	.46	.59	.73	32.6	9.6	2900	.46	.61	.75	30.2	8.9	3230	.47	.63	.78	1.00
	1180	555	39.5	11.6	2030	.45	.59	.72	37.8	11.1	2320	.46	.60	.74	35.6	10.4	2610	.46	.62	.77	33.4	9.8	2920	.47	.63	.79	31.0	9.1	3240	.48	.65	.82	1.00
	1325	625	40.5	11.9	2030	.46	.61	.76	38.5	11.3	2310	.47	.62	.78	36.4	10.7	2610	.47	.64	.80	34.0	10.0	2920	.48	.66	.83	31.6	9.3	3250	.49	.68	.87	1.00

4SCU23LX136P-\*\*A - BCE7S36M\*4X (INTERMEDIATE CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																														
		85° F (29.4° C)			95° F (35° C)			105° F (40.6° C)			115° F (46.1° C)			125° F (51.7° C)																		
		Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input	Total Cooling Capacity	Sensible To Total Ratio (S/T)		Comp. Motor Watts Input															
cfm	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C														
59°F (15°C)	680	320	20.2	5.9	730	.98	1.00	1.00	19.4	5.7	870	1.00	1.00	1.00	18.5	5.4	1030	1.00	1.00	1.00	17.5	5.1	1180	1.00	1.00	1.00	16.4	4.8	1350	1.00	1.00	1.00
	780	370	21.2	6.2	720	1.00	1.00	1.00	20.2	5.9	870	1.00	1.00	1.00	19.2	5.6	1020	1.00	1.00	1.00	18.2	5.3	1180	1.00	1.00	1.00	17.1	5.0	1350	1.00	1.00	1.00
	880	415	21.8	6.4	710	1.00	1.00	1.00	21.0	6.2	860	1.00	1.00	1.00	19.8	5.8	1020	1.00	1.00	1.00	18.7	5.5	1180	1.00	1.00	1.00	17.6	5.2	1350	1.00	1.00	1.00
63°F (17.2°C)	680	320	20.6	6.0	730	.79	.95	1.00	19.6	5.7	870	.81	.97	1.00	18.5	5.4	1020	.83	1.00	1.00	17.5	5.1	1180	.86	1.00	1.00	16.4	4.8	1350	.89	1.00	1.00
	780	370	21.2	6.2	720	.83	.99	1.00	20.2	5.9	870	.85	1.00	1.00	19.2	5.6	1020	.87	1.00	1.00	18.2	5.3	1180	.91	1.00	1.00	17.1	5.0	1350	.95	1.00	1.00
	880	415	21.8	6.4	710	.86	1.00	1.00	21.0	6.2	860	.88	1.00	1.00	19.9	5.8	1020	.92	1.00	1.00	18.7	5.5	1180	.96	1.00	1.00	17.6	5.2	1350	.99	1.00	1.00
67°F (19.4°C)	680	320	21.8	6.4	710	.62	.77	.91	20.8	6.1	860	.63	.78	.94	19.5	5.7	1020	.64	.80	.97	18.3	5.4	1180	.66	.84	1.00	17.1	5.0	1350	.68	1.00	1.00
	780	370	22.4	6.6	700	.63	.80	.96	21.2	6.2	860	.65	.83	.98	20.0	5.9	1010	.67	.85	1.00	18.7	5.5	1180	.68	.89	1.00	17.5	5.1	1350	.71	.92	1.00
	880	415	22.8	6.7	690	.66	.84	1.00	21.6	6.3	850	.67	.86	1.00	20.4	6.0	1010	.69	.89	1.00	19.1	5.6	1180	.72	.93	1.00	17.8	5.2	1350	.74	.97	1.00
71°F (21.7°C)	680	320	23.0	6.7	690	.46	.60	.74	22.0	6.4	850	.46	.61	.76	20.6	6.0	1010	.47	.63	.78	19.4	5.7	1180	.47	.65	.81	18.2	5.3	1350	.49	.67	.84
	780	370	23.6	6.9	680	.47	.62	.78	22.4	6.6	840	.47	.64	.80	21.2	6.2	1000	.48	.66	.82	19.9	5.8	1180	.49	.68	.86	18.6	5.5	1350	.50	.70	.90
	880	415	24.2	7.1	670	.47	.65	.81	23.0	6.7	830	.49	.66	.84	21.6	6.3	1000	.49	.69	.87	20.2	5.9	1170	.50	.71	.91	18.9	5.5	1350	.51	.73	.95

**COOLING PERFORMANCE EXTENDED RATINGS**

**4SCU23LX136P-\*\*A - BCE7S36M\*4X (MINIMUM CAPACITY)**

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																																		
		75° F (23.9° C)						85° F (29.4° C)						95° F (35° C)						105° F (40.6° C)																
		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb												
cfm	L/s	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C												
445	210	12.1	3.5	340	1.00	1.00	1.00	1.00	1.00	1.00	1.00	430	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	520	1.00	1.00	1.00	1.00	1.00	1.00	610	1.00	1.00	1.00	1.00	1.00	1.00	1.00
500	235	12.5	3.7	340	1.00	1.00	1.00	1.00	1.00	1.00	1.00	420	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	510	1.00	1.00	1.00	1.00	1.00	1.00	610	1.00	1.00	1.00	1.00	1.00	1.00	1.00
575	270	13.0	3.8	330	1.00	1.00	1.00	1.00	1.00	1.00	1.00	410	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	510	1.00	1.00	1.00	1.00	1.00	1.00	610	1.00	1.00	1.00	1.00	1.00	1.00	1.00
445	210	12.1	3.5	340	.85	1.00	1.00	.87	1.00	1.00	1.00	430	.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	520	.91	1.00	1.00	1.00	1.00	1.00	620	.95	1.00	1.00	1.00	1.00	1.00	1.00
500	235	12.5	3.7	340	.89	1.00	1.00	.92	1.00	1.00	1.00	420	.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	510	.95	1.00	1.00	1.00	1.00	610	.99	1.00	1.00	1.00	1.00	1.00	1.00	
575	270	13.0	3.8	330	.95	1.00	1.00	.98	1.00	1.00	1.00	420	.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	510	1.00	1.00	1.00	1.00	1.00	610	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
445	210	12.7	3.7	330	.65	.82	.99	1.21	3.5	420	.66	.85	1.00	1.13	3.3	510	.68	.88	1.00	1.05	3.1	610	.71	.92	1.00	1.00	1.00	610	.71	.92	1.00	1.00	1.00	1.00	1.00	
500	235	13.0	3.8	330	.68	.86	1.00	1.23	3.6	420	.69	.89	1.00	1.15	3.4	510	.71	.93	1.00	1.07	3.1	610	.74	.97	1.00	1.00	1.00	610	.74	.97	1.00	1.00	1.00	1.00	1.00	
575	270	13.3	3.9	320	.71	.92	1.00	1.26	3.7	410	.73	.95	1.00	1.18	3.5	510	.75	.98	1.00	1.10	3.2	610	.78	1.00	1.00	1.00	1.00	610	.78	1.00	1.00	1.00	1.00	1.00	1.00	
445	210	13.5	4.0	320	.47	.64	.80	1.29	3.8	410	.47	.65	.82	1.21	3.5	500	.48	.67	.85	1.12	3.3	600	.49	.69	.89	.89	.89	600	.49	.69	.89	.89	.89	.89	.89	
500	235	13.8	4.0	310	.48	.66	.83	1.32	3.9	400	.48	.68	.86	1.23	3.6	500	.50	.70	.90	1.15	3.4	600	.51	.73	.94	.94	.94	600	.51	.73	.94	.94	.94	.94	.94	
575	270	14.2	4.2	300	.49	.70	.89	1.35	4.0	400	.50	.72	.92	1.26	3.7	490	.51	.74	.96	1.17	3.4	600	.53	.77	1.00	1.00	1.00	600	.53	.77	1.00	1.00	1.00	1.00	1.00	



COOLING PERFORMANCE EXTENDED RATINGS

4SCU23LX148P-\*\*A - BCE7S48M\*4X (MAXIMUM CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																								
		85° F (29.4° C)				95° F (35° C)				105° F (40.6° C)				115° F (46.1° C)				125° F (51.7° C)								
		Total Air Volume		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)				
cfm	L/s	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW					
59°F (15°C)	1370	645	91	1.00	42.0	12.3	2870	.93	1.00	1.00	40.5	11.9	3250	.96	1.00	38.5	11.3	3650	.99	1.00	36.0	10.6	4070	1.00	1.00	
	1570	740	95	1.00	44.0	12.9	2870	.98	1.00	1.00	42.0	12.3	3250	.99	1.00	40.0	11.7	3660	1.00	1.00	37.6	11.0	4100	1.00	1.00	
	1770	835	99	1.00	45.5	13.3	2870	1.00	1.00	1.00	43.5	12.7	3260	1.00	1.00	41.5	12.2	3670	1.00	1.00	39.0	11.4	4120	1.00	1.00	
63°F (17.2°C)	1370	645	74	.88	44.0	12.9	2870	.76	.90	1.00	41.5	12.2	3250	.77	.92	39.0	11.4	3650	.80	.95	36.4	10.7	4080	.82	.99	1.00
	1570	740	77	.92	45.0	13.2	2880	.79	.94	1.00	42.5	12.5	3260	.81	.97	40.0	11.7	3660	.83	.99	37.6	11.0	4090	.86	1.00	1.00
	1770	835	80	.96	46.0	13.5	2870	.82	.98	1.00	44.0	12.9	3270	.84	1.00	41.5	12.2	3680	.86	1.00	39.0	11.4	4120	1.00	1.00	
67°F (19.4°C)	1370	645	59	.72	46.0	13.5	2880	.60	.73	.86	44.0	12.9	3260	.61	.75	41.5	12.2	3680	.62	.77	38.5	11.3	4110	.64	.80	.95
	1570	740	61	.75	47.5	13.9	2880	.62	.76	.91	45.0	13.2	3270	.63	.78	42.5	12.5	3690	.64	.81	39.5	11.6	4120	.66	.84	.99
	1770	835	62	.78	48.5	14.2	2880	.63	.79	.95	46.0	13.5	3280	.65	.81	43.5	12.7	3700	.66	.84	40.5	11.9	4130	.68	1.00	1.00
71°F (21.7°C)	1370	645	45	.58	48.5	14.2	2870	.45	.58	.71	46.5	13.6	3270	.46	.59	44.0	12.9	3700	.46	.61	41.0	12.0	4140	.47	.62	.77
	1570	740	45	.59	50.0	14.7	2870	.46	.60	.74	47.5	13.9	3280	.47	.62	45.0	13.2	3710	.47	.63	42.0	12.3	4160	.47	.65	.81
	1770	835	47	.61	51.0	14.9	2870	.47	.62	.77	48.5	14.2	3280	.48	.64	45.5	13.3	3710	.48	.65	42.5	12.5	4170	.48	.67	.85

4SCU23LX148P-\*\*A - BCE7S48M\*4X (INTERMEDIATE CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																								
		85° F (29.4° C)				95° F (35° C)				105° F (40.6° C)				115° F (46.1° C)				125° F (51.7° C)								
		Total Air Volume		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity		Comp. Motor Watts Input		Sensible To Total Ratio (S/T)				
cfm	L/s	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C		
59°F (15°C)	895	420	93	1.00	28.8	8.4	1300	.95	1.00	1.00	27.4	8.0	1550	.98	1.00	26.2	7.7	1760	1.00	1.00	24.8	7.3	2010	1.00	1.00	
	1025	485	97	1.00	30.0	8.8	1290	.99	1.00	1.00	28.6	8.4	1520	1.00	1.00	27.2	8.0	1760	1.00	1.00	25.8	7.6	2020	1.00	1.00	
	1155	545	100	1.00	31.0	9.1	1280	1.00	1.00	1.00	29.6	8.7	1520	1.00	1.00	28.2	8.3	1760	1.00	1.00	26.6	7.8	2020	1.00	1.00	
63°F (17.2°C)	895	420	76	.90	29.4	8.6	1290	.77	.92	1.00	28.0	8.2	1520	.79	.94	26.4	7.7	1770	.81	.97	24.8	7.3	2020	.83	1.00	1.00
	1025	485	79	.94	30.4	8.9	1290	.80	.96	1.00	28.8	8.4	1520	.82	.99	27.4	8.0	1770	.85	1.00	25.8	7.6	2020	.87	1.00	1.00
	1155	545	82	.98	31.2	9.1	1280	.83	1.00	1.00	29.8	8.7	1520	.86	1.00	28.2	8.3	1760	.88	1.00	26.6	7.8	2030	.92	1.00	1.00
67°F (19.4°C)	895	420	59	.73	31.0	9.1	1280	.61	.74	.88	29.6	8.7	1520	.61	.76	28.0	8.2	1760	.63	.78	26.2	7.7	2020	.64	.81	.97
	1025	485	61	.76	32.0	9.4	1270	.63	.78	.93	30.4	8.9	1510	.63	.80	28.8	8.4	1760	.65	.82	27.0	7.9	2020	.67	.85	1.00
	1155	545	63	.79	32.8	9.6	1260	.64	.81	.97	31.2	9.1	1510	.66	.83	29.4	8.6	1760	.67	.86	27.6	8.1	2020	.69	1.00	1.00
71°F (21.7°C)	895	420	45	.58	32.8	9.6	1260	.46	.59	.72	31.4	9.2	1510	.46	.60	29.6	8.7	1760	.47	.61	27.8	8.1	2020	.47	.63	.78
	1025	485	46	.60	33.8	9.9	1250	.47	.61	.75	32.2	9.4	1500	.47	.62	30.4	8.9	1760	.47	.64	28.6	8.4	2020	.48	.66	.82
	1155	545	47	.62	34.6	10.1	1240	.47	.63	.79	32.8	9.6	1490	.48	.65	31.0	9.1	1750	.49	.66	29.0	8.5	2020	.50	.69	.87

COOLING PERFORMANCE EXTENDED RATINGS

4SCU23LX148P-\*\*A - BCE7S48M\*4X (MINIMUM CAPACITY)

Entering Wet Bulb Temperature	Outdoor Air Temperature Entering Outdoor Coil																									
	75° F (23.9° C)							85° F (29.4° C)							95° F (35° C)							105° F (40.6° C)				
	Total Air Volume	Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Indoor Dry Bulb	Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Indoor Dry Bulb	Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Indoor Dry Bulb	Total Cooling Capacity		Comp. Motor Watts Input	Sensible To Total Ratio (S/T)		Indoor Dry Bulb	
cfm		kBtuh	kW		75°F 23.9°C	80°F 26.7°C		85°F 29.4°C	kBtuh		kW	75°F 23.9°C		80°F 26.7°C	85°F 29.4°C		kBtuh	kW		75°F 23.9°C	80°F 26.7°C		85°F 29.4°C	kBtuh		kW
59°F (15°C)	680	320	20.8	6.1	620	.99	1.00	1.00	20.0	5.9	770	1.00	1.00	1.00	19.0	5.6	900	1.00	1.00	1.00	18.0	5.3	1080	1.00	1.00	1.00
	780	370	21.8	6.4	610	1.00	1.00	1.00	20.8	6.1	760	1.00	1.00	1.00	19.8	5.8	910	1.00	1.00	1.00	18.8	5.5	1080	1.00	1.00	1.00
	880	415	22.6	6.6	600	1.00	1.00	1.00	21.6	6.3	750	1.00	1.00	1.00	20.6	6.0	910	1.00	1.00	1.00	19.6	5.7	1090	1.00	1.00	1.00
63°F (17.2°C)	680	320	21.2	6.2	620	.80	.96	1.00	20.0	5.9	770	.82	.98	1.00	19.0	5.6	920	.84	1.00	1.00	18.0	5.3	1080	.95	1.00	1.00
	780	370	21.8	6.4	610	.83	1.00	1.00	20.8	6.1	760	.86	1.00	1.00	19.8	5.8	910	.88	1.00	1.00	18.8	5.5	1070	.98	1.00	1.00
	880	415	22.6	6.6	600	.87	1.00	1.00	21.6	6.3	750	.90	1.00	1.00	20.6	6.0	910	.92	1.00	1.00	19.6	5.7	1080	.96	1.00	1.00
67°F (19.4°C)	680	320	22.4	6.6	600	.62	.77	.92	21.2	6.2	750	.63	.79	.95	20.0	5.9	910	.64	.81	.98	18.9	5.5	1080	.65	.84	1.00
	780	370	23.0	6.7	590	.64	.81	.97	21.8	6.4	750	.66	.83	1.00	20.6	6.0	900	.68	.86	1.00	19.4	5.7	1070	.68	.89	1.00
	880	415	23.6	6.9	580	.66	.85	1.00	22.4	6.6	740	.68	.87	1.00	21.0	6.2	900	.70	.90	1.00	19.6	5.7	1080	.71	.92	1.00
71°F (21.7°C)	680	320	23.6	6.9	580	.46	.61	.75	22.4	6.6	740	.47	.62	.77	21.2	6.2	900	.47	.63	.79	20.0	5.9	1070	.48	.68	.84
	780	370	24.2	7.1	570	.47	.63	.79	23.0	6.7	730	.48	.65	.81	21.8	6.4	890	.48	.66	.83	20.7	6.1	1080	.49	.71	.86
	880	415	24.8	7.3	560	.49	.66	.83	23.6	6.9	720	.49	.67	.85	22.2	6.5	890	.50	.69	.88	20.9	6.1	1080	.51	.72	.95

COOLING PERFORMANCE EXTENDED RATINGS

4SCU23LX160P-\*\*-A - BCE7S60M\*4X (MAXIMUM CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																																		
		85° F (29.4° C)			95° F (35° C)			105° F (40.6° C)			115° F (46.1° C)			125° F (51.7° C)																						
		Total Air Volume	Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input																				
cfm	L/s	kBtu/h	kW	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C																		
59°F (15°C)		1600	755	52.5	15.4	3270	.89	1.00	1.00	51.0	14.9	3720	.91	1.00	1.00	49.0	14.4	4250	.93	1.00	1.00	47.5	13.9	4920	.95	1.00	1.00	45.5	13.3	5730	.98	1.00	1.00	1.00	1.00	
63°F (17.2°C)		1815	855	57.0	16.7	3280	.75	.89	1.00	54.5	16.0	3750	.77	.91	1.00	52.5	15.4	4280	.78	.93	1.00	50.0	14.7	4940	.80	.95	1.00	47.5	13.9	5760	.82	.98	1.00	1.00	1.00	
67°F (19.4°C)		2000	945	58.0	17.0	3280	.77	.91	1.00	55.5	16.3	3740	.78	.93	1.00	53.5	15.7	4280	.80	.96	1.00	51.0	14.9	4950	.82	.98	1.00	48.5	14.2	5760	.85	1.00	1.00	1.00	1.00	
71°F (21.7°C)		1600	755	58.5	17.1	3280	.59	.71	.82	56.0	16.4	3750	.59	.72	.84	53.5	15.7	4270	.60	.73	.86	51.0	14.9	4950	.61	.75	.88	49.0	14.4	5780	.62	.77	.91	.95	.95	.95
		2000	945	61.5	18.0	3290	.61	.75	.88	59.0	17.3	3750	.62	.76	.90	56.5	16.6	4300	.63	.78	.93	53.5	15.7	4970	.64	.80	.95	51.0	14.9	5810	.66	.82	.98	.98	.98	.98
		1600	755	61.5	18.0	3290	.45	.57	.68	59.0	17.3	3740	.45	.58	.70	56.5	16.6	4290	.45	.59	.71	54.0	15.8	4960	.46	.60	.73	51.5	15.1	5810	.46	.61	.74	.74	.74	.74
		1815	855	63.5	18.6	3290	.45	.58	.71	61.0	17.9	3750	.46	.60	.72	58.5	17.1	4310	.46	.60	.73	55.5	16.3	4990	.47	.62	.75	52.5	15.4	5810	.47	.63	.77	.77	.77	.77
		2000	945	65.0	19.0	3290	.46	.60	.72	62.0	18.2	3750	.46	.61	.74	59.5	17.4	4310	.47	.62	.76	56.5	16.6	5000	.47	.63	.78	53.5	15.7	5840	.48	.64	.80	.80	.80	.80

4SCU23LX160P-\*\*-A - BCE7S60M\*4X (INTERMEDIATE CAPACITY)

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																																
		85° F (29.4° C)			95° F (35° C)			105° F (40.6° C)			115° F (46.1° C)			125° F (51.7° C)																				
		Total Air Volume	Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input		Sensible To Total Ratio (S/T)		Total Cooling Capacity	Comp. Motor Watts Input																		
cfm	L/s	kBtu/h	kW	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtu/h	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C																
59°F (15°C)		995	470	35.2	10.3	1450	.89	1.00	1.00	34.0	10.0	1740	.92	1.00	1.00	32.8	9.6	2030	.94	1.00	1.00	31.6	9.3	2350	.97	1.00	1.00	30.2	8.9	2720	.99	1.00	1.00	1.00
63°F (17.2°C)		1135	535	37.0	10.8	1440	.93	1.00	1.00	35.6	10.4	1720	.95	1.00	1.00	34.4	10.1	2020	.98	1.00	1.00	33.0	9.7	2340	1.00	1.00	31.4	9.2	2710	1.00	1.00	1.00	1.00	
67°F (19.4°C)		1250	590	38.0	11.1	1420	.96	1.00	1.00	36.8	10.8	1710	.98	1.00	1.00	35.4	10.4	2000	1.00	1.00	1.00	34.0	10.0	2320	1.00	1.00	32.4	9.5	2700	1.00	1.00	1.00	1.00	
71°F (21.7°C)		995	470	36.8	10.8	1430	.74	.86	.98	35.2	10.3	1720	.75	.88	1.00	33.8	9.9	2020	.76	.90	1.00	32.2	9.4	2330	.78	.93	1.00	30.4	8.9	2720	.80	.96	1.00	1.00
		1135	535	38.0	11.1	1420	.76	.90	1.00	36.4	10.7	1710	.77	.92	1.00	34.8	10.2	2010	.79	.94	1.00	33.2	9.7	2330	.81	.97	1.00	31.4	9.2	2710	.84	1.00	1.00	1.00
		1250	590	39.0	11.4	1420	.78	.92	1.00	37.2	10.9	1710	.80	.95	1.00	35.6	10.4	2000	.82	.97	1.00	34.0	10.0	2330	.84	1.00	32.4	9.5	2700	.87	1.00	1.00	1.00	
		995	470	39.0	11.4	1420	.59	.71	.83	37.4	11.0	1710	.60	.73	.85	35.8	10.5	2000	.61	.74	.87	34.2	10.0	2320	.62	.76	.89	32.4	9.5	2710	.63	.78	.93	.93
		1135	535	40.5	11.9	1400	.60	.74	.86	38.5	11.3	1700	.61	.75	.88	37.0	10.8	1990	.62	.77	.91	35.2	10.3	2310	.63	.79	94	33.2	9.7	2690	.65	.81	.97	.97
		1250	590	41.5	12.2	1390	.62	.75	.89	39.5	11.6	1690	.63	.77	.92	37.6	11.0	1980	.64	.79	.94	35.8	10.5	2310	.65	.81	97	33.8	9.9	2690	.67	.84	1.00	1.00
		995	470	41.5	12.2	1390	.45	.58	.69	39.5	11.6	1690	.45	.58	.70	37.8	11.1	1980	.46	.59	.72	36.2	10.6	2300	.45	.60	.73	34.2	10.0	2690	.46	.61	.75	.75
		1135	535	42.5	12.5	1380	.46	.59	.71	41.0	12.0	1670	.45	.60	.73	39.0	11.4	1970	.46	.61	.75	37.2	10.9	2290	.47	.62	.77	35.2	10.3	2670	.47	.64	.79	.79
		1250	590	43.5	12.7	1360	.46	.60	.73	41.5	12.2	1660	.46	.61	.75	40.0	11.7	1960	.47	.62	.77	37.8	11.1	2280	.48	.64	.79	35.8	10.5	2660	.48	.65	.82	.82

COOLING PERFORMANCE EXTENDED RATINGS

**4SCU23LX160P-\*\*A - BCE7S60M\*4X (MINIMUM CAPACITY)**

Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Outdoor Coil																											
		75° F (23.9° C)						85° F (29.4° C)						95° F (35° C)						105° F (40.6° C)									
		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb		Total Cooling Capacity		Sensible To Total Ratio (S/T)		Comp. Motor Watts Input		Indoor Dry Bulb					
																										kW		kBTuh	
cfm	L/s	kBTuh	kW	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C					
770	365	22.2	6.5	680	.97	1.00	680	1.00	1.00	680	1.00	1.00	680	1.00	1.00	680	1.00	1.00	680	1.00	1.00	680	1.00	1.00	680	1.00	1.00		
880	415	23.2	6.8	680	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00	1.00	880	1.00
975	460	24.0	7.0	680	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00	1.00	975	1.00
770	365	22.6	6.6	680	.79	.94	680	.81	.97	680	.81	.97	680	.81	.97	680	.81	.97	680	.81	.97	680	.81	.97	680	.81	.97	680	.81
880	415	23.4	6.9	680	.82	.98	680	.85	1.00	680	.85	1.00	680	.85	1.00	680	.85	1.00	680	.85	1.00	680	.85	1.00	680	.85	1.00	680	.85
975	460	24.2	7.1	680	.85	1.00	680	.88	1.00	680	.88	1.00	680	.88	1.00	680	.88	1.00	680	.88	1.00	680	.88	1.00	680	.88	1.00	680	.88
770	365	24.0	7.0	680	.62	.76	680	.64	.79	680	.64	.79	680	.64	.79	680	.64	.79	680	.64	.79	680	.64	.79	680	.64	.79	680	.64
880	415	24.8	7.3	680	.64	.80	680	.66	.82	680	.66	.82	680	.66	.82	680	.66	.82	680	.66	.82	680	.66	.82	680	.66	.82	680	.66
975	460	25.4	7.4	680	.66	.82	680	.67	.85	680	.67	.85	680	.67	.85	680	.67	.85	680	.67	.85	680	.67	.85	680	.67	.85	680	.67
770	365	25.6	7.5	680	.46	.61	680	.47	.62	680	.47	.62	680	.47	.62	680	.47	.62	680	.47	.62	680	.47	.62	680	.47	.62	680	.47
880	415	26.4	7.7	680	.47	.63	680	.48	.64	680	.48	.64	680	.48	.64	680	.48	.64	680	.48	.64	680	.48	.64	680	.48	.64	680	.48
975	460	27.0	7.9	680	.48	.64	680	.49	.66	680	.49	.66	680	.49	.66	680	.49	.66	680	.49	.66	680	.49	.66	680	.49	.66	680	.49



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