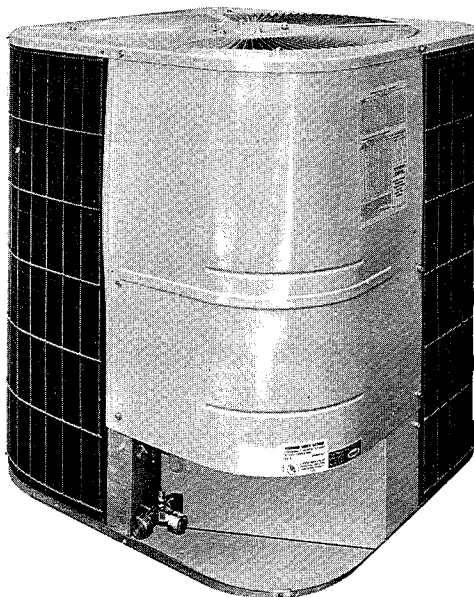
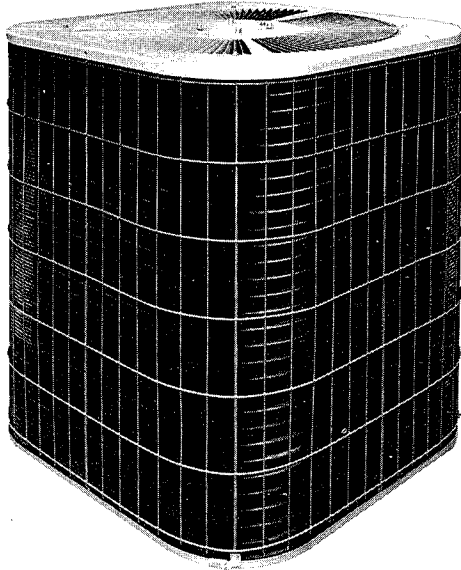


bryant**Bryant**
Air ConditioningIndianapolis, IN
City of Industry, CA**ELECTRIC
CONDENSING UNITS****Model 565B**
Sizes 014 thru 060

The energy-efficient Model 565B Cool Cube™ Condensing Unit is available in nominal cooling capacities of 14,000-thru 60,000-Btuh. The range of seasonal energy-efficient ratio (SEER) is 8.0 or more, which makes the Cool Cube™ the new leader in product value for energy-efficient, economically priced, air conditioning equipment. The all-new no-frills design of the Cool Cube™ has every penny of unit cost invested in quality components, resulting in a lean and pleasing clean look.

FEATURES

FOUR-SIDED CONDENSER SURFACE—The Cool Cube™ draws air from all four sides of its large wraparound coil, loading the fan more evenly and providing a quieter, more efficient, condenser fan system.

TOTALLY ENCLOSED PSC FAN MOTOR—Resists dust, dirt, and other forms of contamination for years of dependable service. Top mounting gives fast service access to the motor and the unit interior.

NEW SUPER-HARD ALUMINUM-ALLOY FIN—Reduces accidental damage during handling and shipment.

EXTERNAL ALL-BRASS SERVICE VALVES—Pressure gauges can be quickly and easily attached to the service valves without having to remove panels.

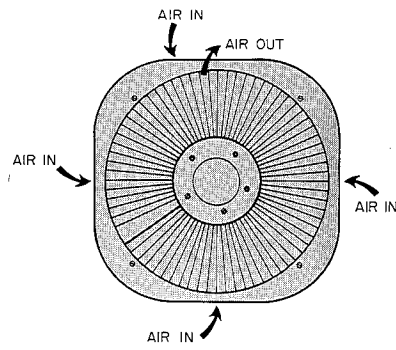
COMPACT DESIGN—Results in lighter, more easily handled, unit for the most economical installation.

COMPRESSOR PROTECTION—Cool Cube™ compressors are protected with temperature- and current-sensitive overloads. An internal pressure-relief valve provides high-pressure protection for the refrigeration system.

REFRIGERANT STRAINER—Each unit has a liquid refrigerant strainer in the liquid tube to trap any foreign matter in the system.

ACCUMULATOR—060 size includes a suction-line accumulator that keeps liquid refrigerant from reaching the compressor.

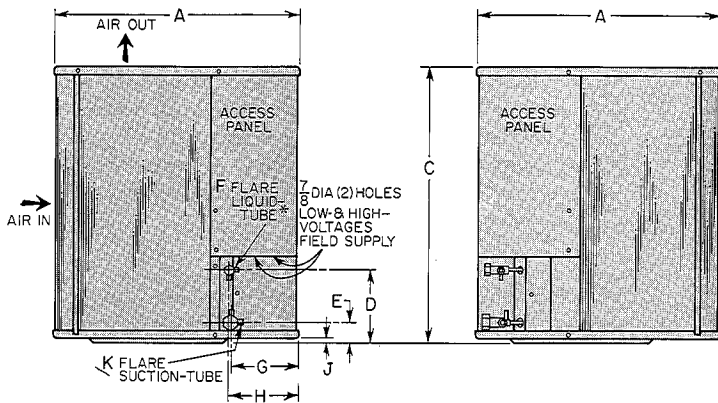
**FILE
COPY**



**Clearance Requirements
(In Inches)**

- Inlet air (all sides) 12
- Discharge air (top) 48
- Service clearance (compressor end) 30

NOTE: Unit can be installed with 6-in. clearance on LH side (facing control end of unit) when 24-in. clearance is maintained on remaining sides.



A81193

DIMENSIONS (In Inches)

Size	A	C	D	E	F	G	H	J	K
014 & 018	21-1/8	20-9/16	6-5/16	1-13/16	3/8	5-3/4	5-7/8	1/4	5/8
024A	21-1/8	26-9/16	6-5/16	1-13/16	3/8	5-3/4	5-7/8	1/4	5/8
030 & 036A	21-1/8	26-9/16	6-5/16	1-13/16	3/8	5-3/4	5-7/8	1/4	3/4
036	27-3/8	24-9/16	6-3/8	1-7/8	3/8	11-9/16	11-3/4	11/32	3/4
042	27-3/8	26-9/16	6-3/8	1-7/8	3/8	11-9/16	11-3/4	11/32	3/4
048 & 060	27-3/8	30-9/16	6-3/8	1-7/8	3/8	11-9/16	11-3/4	11/32	3/4

SPECIFICATIONS

MODEL	565BJ014	565BJ018	565BJ024-A	565BJ030
SERIES	A	A	B	A
ELECTRICAL				
Unit Volts—Hertz—Phase	208-230—60—1	208/230—60—1	208-230—60—1	208-230—60—1
Operating Voltage Range	197—253	187—253	197—253	197—253
Compressor—Rated Load Amps	7.0	9.4	13.5	16.2
Locked Rotor Amps	34.2	43.3	64.0	90.0
Condenser Fan Motor—Full Load Amps	1.0	1.0	1.0	1.0
Total Units Amps	8	10.4	14.5	17.2
Min Unit Ampacity for Wire Sizing	10	13.0	18.1	21.3
Min Wire Size (75° Copper) AWG*	14	14	12	10
Max Branch Circuit Fuse Size	15	20	30	30
COMPRESSOR & REFRIGERANT				
Compressor—Type & RPM	Hermetic 3500			
Temperature & Current Protection	Internal Line Break			
Refrigerant—Type & Amount	R22—3 lbs 2 oz	R22—3 lbs 2 oz	R22—4 lbs 6 oz	R22—4 lbs 8 oz
CONDENSER COIL & FAN				
Coil—Height x Width (Sq Ft)	8.1	8.2	10.5	10.5
Rows Deep & Fins Per Inch	1 & 22	1 & 22	1 & 22	1 & 22
Fan Motor—HP, Type, GRPM	1/8 PSC & 1125	1/8 PSC & 1125	1/8 PSC & 1125	1/8 PSC & 1100
Volts—Hertz—Phase	208-230—60—1			
Fan—Diameter	16	16	16	16
Condenser Airflow (Cfm)	1600	1600	1600	1900
OPTIONAL EQUIPMENT				
COMPROTEC®	301600-701			
Quick-Start Capacitor-Relay Kit	N/A	N/A	N/A	N/A
Low-Pressure Switch Kit	P332-2150			
High-Pressure Switch Kit	P332-1150			
Thermostatically Controlled Crankcase Heater	301715-703	308793-702		
PTC Start Assist	P421-4006			
Unit Support Package—Rubber Isolators	60751D01			
Filter-Drier	P501-8010			
Swivel Elbs—Liquid/Vapor Tubes	IBN1616R/IBN2424R			
0°F Low-Ambient Kit	N/A			
40°F Low-Ambient Kit	N/A			

*If other than 75°C copper wire is used, size can be determined from unit ampacity given in above table and applicable table of National Electric Code. Wire size selected must have current capacity not less than that of copper wire specified and must not create a voltage drop between service panel and unit in excess of 2% of unit rated voltage.

SPECIFICATIONS

MODEL	565BJ036	565BJ036-A	565BJ042	565BJ048	565BB060
SERIES	A	C	A	A	A
ELECTRICAL					
Unit Volts—Hertz—Phase	208-230—60—1	208-230—60—1	208-230—60—1	208-230—60—1	230—60—1
Operating Voltage Range	197—253	197—253	197—253	197—253	207—253
Compressor—Rated Load Amps	20.5	20.2	21.2	23.7	27.8
Locked Rotor Amps	95.0	93.0	108.0	116.0	130.0
Condenser Fan Motor—Full Load Amps	1.8	1.0	1.8	1.8	1.8
Total Units Amps	22.3	21.2	23.0	25.5	29.6
Min Unit Ampacity for Wire Sizing	27.5	26.3	28.4	31.5	36.6
Min Wire Sizing (75° Copper) AWG*	10	10	10	8	8
Max Branch Circuit Fuse Size	45	45	45	50	55
COMPRESSOR & REFRIGERANT					
Compressor—Type & RPM	Hermetic 3500				
Temperature & Current Protection	Internal Line Break				
Refrigerant—Type & Amount	R22—5 lbs 4 oz	R22—5 lbs 0 oz	R22—5 lbs 14 oz	R22—7 lbs 13 oz	R22—8 lbs 0 oz
CONDENSER COIL & FAN					
Coil—Height x Width (Sq Ft)	12.0	10.5	17.6	20.5	24.2
Rows Deep & Fins Per Inch	1 & 20	1 & 25	1-1/3 & 25	1-1/3 & 25	1-2/3 & 25
Fan Motor—HP, Type, & RPM	1/4 PSC & 1125	1/8 PSC & 1100	1/4 PSC & 1125	1/4 PSC & 1125	1/4 PSC & 1125
Volts—Hertz—Phase	208-230—60—1				
Fan—Diameter	22	18	22	22	22
Condenser Airflow (Cfm)	2900	1900	2900	2900	2900
OPTIONAL EQUIPMENT					
COMPROTEC®	301600-701				
Quick-Start Capacitor-Relay Kit	307709-701	N/A	307709-701	307709-701	STD
Low-Pressure Switch Kit	P361-1501				
High-Pressure Switch Kit	P361-4201				
Thermostatically Controlled Crankcase Heater	301715-701	301715-703	301715-701		
Unit Support Package—Rubber Isolators	60751D01				
Filter-Drier	P501-8010		P501-8011		
Swivel Elbs—Liquid/Vapor Tubes	IBN1616R/IBN2424R				
0°F Low-Ambient Kit	N/A	N/A	N/A	N/A	N/A
40°F Low-Ambient Kit	N/A	N/A	N/A	N/A	N/A

*See Note on Bottom of Page EAC-2.

RATINGS & PERFORMANCE

MODEL	565BJ014									
SERIES	A									
NR*	7.8									
518B	014	018	—	—	—	—	—	—	—	—
500A & 519C	—	—	018	—	—	—	—	—	—	—
513B & 513C	—	—	—	018	—	—	—	—	—	—
516A	—	—	—	—	018	—	—	—	—	—
517E	—	—	—	—	—	018	—	—	—	—
507J or 518C	—	—	—	—	—	—	015	018	—	—
509A or 519D	—	—	—	—	—	—	—	—	018	024
Cooling Capacity†	14,700	14,700	14,700	14,500	14,800	14,600	14,700	14,500	14,700	15,300
System Watts†	1720	1720	1720	1737	1740	1750	1680	1676	1680	1709
SEER†	8.6	8.6	8.6	8.5	9.0	8.5	8.6	8.6	8.6	8.8

MODEL	565BJ018																	
SERIES	A																	
NR*	7.8																	
506B	024	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
507J or 518C	—	015	018	024	—	—	—	—	—	—	—	—	—	—	—	—		
507D or 518A	—	—	—	—	018	024	—	—	—	—	—	—	—	—	—	—		
509A or 519D	—	—	—	—	—	—	018	024	—	—	—	—	—	—	—	—		
500A, 519B, or 519C	—	—	—	—	—	—	—	018	024	—	—	—	—	—	—	—		
513B	—	—	—	—	—	—	—	—	018	024	—	—	—	—	—	—		
513C	—	—	—	—	—	—	—	—	—	—	018	024	—	—	—	—		
516A	—	—	—	—	—	—	—	—	—	—	—	—	018	024	—	—		
517E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	018	024		
Cooling Capacity†	16,700	16,600	16,600	17,000	16,600	16,800	16,800	17,300	16,500	17,000	16,700	17,100	16,600	17,100	16,800	17,000	16,500	17,000
System Watts†	2213	2128	2088	2125	2201	2214	2113	2110	2210	2228	2175	2198	2232	2148	2230	2252	2233	2238
SEER†	8.55	8.2	8.4	8.5	8.4	8.5	8.4	8.7	8.4	8.6	8.35	8.5	8.4	8.5	8.7	8.5	8.4	8.5

MODEL	565BJ024-A																			
SERIES	A																			
NR*	7.8																			
506B	024	030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
507J & 518C	—	—	018	024	030	—	—	—	—	—	—	—	—	—	—	—	—	—		
507D or 518A	—	—	—	—	—	024	030	—	—	—	—	—	—	—	—	—	—	—		
509D or 519D	—	—	—	—	—	—	018	024	030	—	—	—	—	—	—	—	—	—		
500A, 519B or 519C	—	—	—	—	—	—	—	—	—	024	030	—	—	—	—	—	—	—		
513B	—	—	—	—	—	—	—	—	—	—	—	024	030	—	—	—	—	—		
513C	—	—	—	—	—	—	—	—	—	—	—	—	024	030	—	—	—	—		
516A	—	—	—	—	—	—	—	—	—	—	—	—	—	024	030	—	—	—		
517E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	024	030	—		
Cooling Capacity†	22,800	23,400	22,800	23,400	23,200	22,800	23,400	22,800	23,400	24,000	22,600	23,200	22,800	23,200	22,600	23,200	23,000	23,200	22,200	23,000
System Watts†	3170	3213	3081	3019	3053	3180	3203	3020	3019	3077	3157	3203	3164	3203	3040	3243	3254	3286	3163	3193
SEER†	8.5	8.6	8.1	8.6	8.5	8.55	8.7	8.5	8.6	8.7	8.5	8.6	8.5	8.6	8.5	8.6	8.6	8.6	8.5	8.55

See Notes on Bottom of Page EAC-4.

RATINGS & PERFORMANCE

MODEL	565BJ030														
SERIES	A														
NR*	7.8														
506B	030	036	—	—	—	—	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	030	036	—	—	—	—	—	—	—	—	—	—	—
507J or 518C	—	—	—	—	024	030	036	—	—	—	—	—	—	—	—
509A or 519D	—	—	—	—	—	—	—	024	030	036	—	—	—	—	—
513B or 513C	—	—	—	—	—	—	—	—	—	—	030	—	—	—	—
516A	—	—	—	—	—	—	—	—	—	—	—	030	—	—	—
517E	—	—	—	—	—	—	—	—	—	—	—	—	030	036	—
500A, 519B, or 519C	—	—	—	—	—	—	—	—	—	—	—	—	—	—	036
Cooling Capacity†	28,400	29,500	28,600	29,000	28,800	29,000	29,200	28,800	29,000	29,600	28,500	28,800	28,500	29,200	29,600
System Watts†	3762	3856	3788	3780	3815	3742	3744	3740	3718	3771	3775	3800	3800	3867	3869
SEER†	8.5	8.6	8.5	8.6	8.1	8.5	8.6	8.5	8.5	8.7	8.5	8.4	8.4	8.5	8.6

MODEL	565B036														
SERIES	A														
NR*	8.2														
506B	036	042	—	—	—	—	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	036	042	—	—	—	—	—	—	—	—	—	—	—
507H or 518B	—	—	—	—	030	036	042	—	—	—	—	—	—	—	—
517E	—	—	—	—	—	—	—	—	036	042	—	—	—	—	—
500A, 519B, or 519C	—	—	—	—	—	—	—	—	—	—	—	036	—	—	—
519B or 519C	—	—	—	—	—	—	—	—	—	—	—	—	—	042	—
519B, C/520B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	042
Cooling Capacity†	35,000	35,200	34,800	35,000	34,200	35,400	36,000	34,800	35,800	35,000	35,000	35,800	35,800	35,600	35,600
System Watts†	4485	4513	4519	4485	4500	4597	4615	4519	4590	4590	4545	4590	4590	4140	4140
SEER†	8.6	8.6	8.5	8.6	8.4	8.5	8.6	8.5	8.6	8.5	8.6	8.5	8.6	8.6	8.6

MODEL	565BJ036-A														
SERIES	C														
NR*	8.2														
506B	036	042	—	—	—	—	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	036	042	—	—	—	—	—	—	—	—	—	—	—
507J or 518C	—	—	—	—	030	036	042	—	—	—	—	—	—	—	—
509A or 519D	—	—	—	—	—	—	—	030	036	042	—	—	—	—	—
517E	—	—	—	—	—	—	—	—	—	—	036	042	—	—	—
519B or 519C	—	—	—	—	—	—	—	—	—	—	—	—	036	042	—
519B, C/520B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	042
Cooling Capacity†	34,800	35,000	34,600	34,800	33,800	34,000	34,600	33,800	34,000	35,200	34,200	35,600	34,600	35,400	35,400
System Watts†	4377	4403	4380	4377	4333	4331	4380	4333	4304	4400	4442	4450	4380	4425	4453
SEER†	8.6	8.7	8.5	8.6	8.5	8.5	8.7	8.5	8.5	8.7	8.5	8.6	8.6	8.7	8.6

MODEL	565B042														
SERIES	A														
NR*	8.4														
506B	042	048	—	—	—	—	—	—	—	—	—	—	—	—	—
507J or 518C	—	—	042	048	—	—	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	—	—	042	048	—	—	—	—	—	—	—	—	—
509A or 519D	—	—	—	—	—	—	042	048	—	—	—	—	—	—	—
510B	—	—	—	—	—	—	—	—	048	—	—	—	—	—	—
517E	—	—	—	—	—	—	—	—	—	042	048	—	—	—	—
519B or 519C	—	—	—	—	—	—	—	—	—	—	—	042	048	—	—
519B, C/520B	—	—	—	—	—	—	—	—	—	—	—	—	—	042	048
Cooling Capacity†	40,500	41,000	39,000	42,500	40,500	41,000	39,000	42,500	41,500	40,500	41,500	40,500	41,000	40,500	41,000
System Watts†	4919	4955	4875	5183	4900	4975	5132	5120	4993	5024	5015	4929	4945	5025	4935
SEER†	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.2	8.5	8.5	8.6	8.2	8.5

MODEL	565B048														
SERIES	A														
NR*	8.4														
506B	048	060	—	—	—	—	—	—	—	—	—	—	—	—	—
507J or 518C	—	—	048	060	—	—	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	—	—	048	060	—	—	—	—	—	—	—	—	—
509A or 519D	—	—	—	—	—	—	048	060	—	—	—	—	—	—	—
510B	—	—	—	—	—	—	—	—	048	060	—	—	—	—	—
517E	—	—	—	—	—	—	—	—	—	—	048	060	—	—	—
519B or 519C	—	—	—	—	—	—	—	—	—	—	—	—	048	060	—
519B, C/520B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	048
Cooling Capacity†	45,500	46,500	45,500	47,500	46,000	47,000	45,500	47,500	45,000	47,500	46,500	48,000	45,000	47,500	45,000
System Watts†	5447	5501	5688	5723	5485	5537	5688	5723	5481	5625	5540	5875	5379	5479	5408
SEER†	8.5	8.5	8.5	8.5	8.5	8.6	8.5	8.5	8.5	8.5	8.3	8.5	8.5	8.5	8.3

*Rated in accordance with ARI Standard 270-84.

†Rated in accordance with U.S. Government DOE test procedures and/or ARI Standard 210-81. When operating units at 208V, deduct 400 Btu/h from cooling capacity and deduct 0.1 from SEER for all sizes.

RATINGS & PERFORMANCE

MODEL	565B060										
SERIES	A										
NR*	8.0										
506B	060	—	—	—	—	—	—	—	—	—	—
507C	—	090	—	—	—	—	—	—	—	—	—
507D or 518A	—	—	060	—	—	—	—	—	—	—	—
507J or 518C	—	—	—	048	060	—	—	—	—	—	—
509A or 519D	—	—	—	—	—	048	060	—	—	—	—
510B	—	—	—	—	—	—	—	060	—	—	—
519B or 519C	—	—	—	—	—	—	—	—	060	—	—
517E	—	—	—	—	—	—	—	—	—	060	—
519B,C/520B	—	—	—	—	—	—	—	—	—	—	060
Cooling Capacity†	55,500	58,000	55,500	54,000	56,000	54,000	56,400	56,000	55,500	56,000	55,000
System Watts†	7285	7519	7295	7105	7000	7105	7325	7471	7059	7780	7368
SEER†	8.5	8.6	8.55	8.2	8.6	8.4	8.6	8.6	8.6	8.6	8.0

*Rated in accordance with ARI Standard 270-84.

†Rated in accordance with U.S. Government DOE test procedures and/or ARI Standard 210-81. When operating units at 208V, deduct 400 Btuh from cooling capacity and deduct 0.1 from SEER for all sizes.

DETAILED COOLING CAPACITIES*

Evaporator Air		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		CFM	E W B	Capacity MBtuhr†		Total System KW**	Capacity MBtuhr†		Total System KW**	Capacity MBtuhr†		Total System KW**	Capacity MBtuhr†
Total	Sens‡			Total	Sens‡	Total	Sens‡	Total	Sens‡	Total	Sens‡		
565BJ014 Outdoor Section With 519B018 Indoor Section													
400	71	16.4	8.69	1.65	15.5	8.34	1.74	14.5	7.98	1.81	13.6	7.64	1.89
	67	15.1	10.4	1.61	14.2	10.0	1.69	13.4	9.65	1.76	12.5	9.29	1.83
	63	13.9	12.0	1.57	13.1	11.6	1.64	12.3	11.2	1.71	11.5	10.8	1.78
500	71	17.0	9.46	1.71	16.0	9.10	1.80	14.9	8.74	1.87	13.9	8.39	1.95
	67	15.6	11.5	1.67	14.7	11.1	1.74	13.8	10.8	1.82	12.8	10.4	1.89
	63	14.5	13.5	1.63	13.7	13.0	1.70	12.8	12.6	1.78	12.0	12.0	1.85
600	71	17.3	10.2	1.77	16.3	9.80	1.85	15.2	9.44	1.93	14.2	9.09	2.00
	67	16.0	12.6	1.72	15.0	12.2	1.80	14.0	11.8	1.87	13.1	11.4	1.94
	63	15.0	14.7	1.68	14.1	14.1	1.76	13.3	13.3	1.84	12.6	12.6	1.92
Multipliers for Determining the Performance With Other Coils													
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling							
		Capacity	Power			Capacity	Power						
518C	015	1.00	1.00	509A &	018	1.00	1.00						
507J &				519D	024	1.04	1.01						
518C	018	0.99	0.99	516A	018	1.01	1.00						
513B	018	0.99	0.99	517E	018	1.00	1.00						
513C	018	1.00	1.00										
565BJ018 Outdoor Section With 519B024 Indoor Section													
550	71	19.2	10.4	2.13	18.1	10.0	2.24	16.9	9.62	2.35	15.8	9.21	2.46
	67	17.7	12.6	2.06	16.7	12.2	2.17	15.6	11.8	2.28	14.5	11.3	2.38
	63	16.4	14.7	2.01	15.4	14.3	2.11	14.5	13.8	2.21	13.5	13.2	2.32
650	71	19.6	11.1	2.19	18.4	10.7	2.30	17.2	10.3	2.41	16.0	9.89	2.52
	67	18.1	13.7	2.12	17.0	13.2	2.23	15.9	12.8	2.34	14.8	12.3	2.45
	63	16.9	16.0	2.07	15.9	15.5	2.17	14.9	14.8	2.28	14.0	14.0	2.40
750	71	19.8	11.8	2.25	18.7	11.4	2.35	17.4	11.0	2.46	16.2	10.5	2.58
	67	18.4	14.6	2.18	17.2	14.2	2.28	16.1	13.7	2.39	15.0	13.3	2.50
	63	17.3	17.0	2.13	16.3	16.3	2.24	15.4	15.4	2.35	14.4	14.5	2.47
Multipliers for Determining the Performance With Other Coils													
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling							
		Capacity	Power			Capacity	Power						
500A	018	0.97	0.98	513C	018	0.98	1.00						
	030	1.02	1.01		024	1.01	0.97						
506B	024	0.98	1.00	516A	030	1.03	1.03						
	030	1.02	1.00		018	0.99	1.00						
507C	024	0.98	0.99	517E	024	1.00	1.01						
	030	1.01	1.01		018	0.97	1.00						
507E	024	0.98	0.99		024	1.00	1.01						
	030	1.01	1.01		030	1.02	1.02						
	018	0.98	0.98		518A	024	0.99	1.00					
024	1.01	0.99	030	1.02		1.01							
513B	030	1.01	0.99	519B	018	0.97	0.98						
	018	0.98	0.98		030	1.02	1.01						
507J &	018	0.98	0.99	509A &	018	0.99	1.00						
	024	1.00	1.00		519D	024	1.02	1.00					
518C				518C	015	0.98	1.00						

DETAILED COOLING CAPACITIES*

Evaporator Air		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		CFM	E W B	Capacity MBtuht†		Total System KW**	Capacity MBtuht†		Total System KW**	Capacity MBtuht†		Total System KW**	Capacity MBtuht†
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		
565BJ024-A Outdoor Section With 507C030 Indoor Section													
750	71	26.5	14.4	3.06	24.8	13.8	3.23	23.0	13.2	3.42	21.3	12.6	3.60
	67	24.5	17.5	2.95	22.9	16.8	3.12	21.2	16.2	3.30	19.6	15.5	3.47
	63	22.7	20.4	2.86	21.2	19.7	3.03	19.7	18.9	3.20	18.3	18.0	3.38
850	71	26.9	15.1	3.12	25.1	14.5	3.30	23.3	13.9	3.48	21.5	13.2	3.66
	67	24.9	18.5	3.02	23.2	17.9	3.19	21.5	17.2	3.36	19.8	16.5	3.54
	63	23.2	21.7	2.93	21.1	20.9	3.10	20.2	19.9	3.28	18.7	18.7	3.46
950	71	27.2	15.8	3.18	25.4	15.2	3.36	23.6	14.5	3.54	21.7	13.9	3.72
	67	25.2	19.5	3.08	23.5	18.9	3.25	21.7	18.2	3.42	20.0	17.4	3.60
	63	23.6	22.8	2.99	22.1	21.8	3.16	20.6	20.6	3.35	19.2	19.2	3.54

Multipliers for Determining the Performance With Other Coils													
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling							
		Capacity	Power			Capacity	Power						
500A	024	0.97	0.99	513C	024	0.97	0.96						
	030	1.00	1.01		030	1.00	1.02						
	026	1.03	1.02		516A	024	0.99	1.02					
506B	024	0.98	1.00	030		1.00	1.03						
	030	1.01	1.01	517E	024	0.96	0.99						
	507C	036	1.03		1.02	030	0.99	1.01					
024		0.97	0.98		518A	036	1.01	1.02					
513B	036	1.02	1.01	024		0.98	1.00						
	024	0.98	0.99	519B		030	1.01	1.01					
507J & 518C	030	1.00	1.01		036	1.03	1.02						
	018	0.98	1.02		024	0.97	0.99						
	024	1.00	1.00	030	1.00	1.01							
509A & 519D	030	1.01	1.01	036	1.03	1.02							
	018	0.98	1.00										
	024	1.01	1.00										
	030	1.03	1.02										

565B030 Outdoor Section With 518A036 Indoor Section													
1000	71	32.6	17.7	3.63	30.8	17.2	3.84	28.5	16.3	4.00	26.2	15.6	4.16
	67	30.7	22.0	3.56	28.7	21.2	3.74	26.6	20.5	3.91	24.3	19.6	4.06
	63	28.6	25.9	3.48	26.7	25.0	3.65	24.6	23.9	3.81	22.5	22.5	3.95
1100	71	32.7	18.2	3.68	31.1	17.8	3.89	28.7	16.9	4.05	26.4	16.1	4.21
	67	31.0	22.9	3.62	29.0	22.2	3.80	26.8	21.4	3.97	24.6	20.6	4.11
	63	29.0	27.1	3.54	27.1	26.1	3.71	25.1	24.9	3.87	23.1	23.1	4.03
1200	71	32.8	18.6	3.72	31.2	18.3	3.94	28.8	17.4	4.10	26.5	16.6	4.26
	67	31.3	23.8	3.67	29.2	23.1	3.85	27.1	22.3	4.02	24.8	21.5	4.17
	63	29.3	28.1	3.59	27.5	27.1	3.77	25.6	25.6	3.94	23.6	23.6	4.11

Multipliers for Determining the Performance With Other Indoor Sections													
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling							
		Capacity	Power			Capacity	Power						
500A	030	0.97	0.99	513C	030	0.99	1.00						
	036	1.01	1.03		507D & 518A	030	0.99	1.00					
506B	030	0.98	0.99	517E		036	1.01	1.03					
	036	1.02	1.02	519B/C	036	1.01	1.03						
507J & 518C	024	0.99	1.03		509A & 519D	024	0.99	1.01					
	030	1.00	1.01			030	1.00	1.01					
	036	1.01	1.01	036		1.02	1.02						
513B	030	0.99	1.00	519B/C with 520B042	042	1.02	1.01						
516A	030	0.99	1.00										

*Detailed cooling capacities are based on evaporator and condensing unit at same elevation and connected by 25 feet of BDP tubing. If other than 25 feet of tubing is used and/or evaporator is located above condensing unit, a slight variation in capacity may occur. See Installation Instructions for size.

†Total and sensible capacities are net.

‡Sensible capacities based on 80°F entering air at evaporator. For sensible capacities at other than 80°F, deduct 835 Btu/h per 1000 cfm of evaporator air per degree below 80°F, or add 835 Btu/h per 1000 cfm of evaporator air per degree above 80°F.

**Total system KW includes compressor, condenser fan motor, and evaporator blower motor.

DETAILED COOLING CAPACITIES*

Evaporator Air		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		CFM	E W B	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†		Total System KW**	Capacity MBtu/h†
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		
565B036 Outdoor Section With 518A042 Indoor Section													
1200	71	38.6	20.8	4.32	37.1	20.4	4.61	35.0	19.7	4.87	32.8	19.0	5.13
	67	36.7	25.8	4.24	34.8	25.2	4.50	32.7	24.5	4.74	30.4	23.6	4.97
	63	34.3	30.5	4.14	32.4	29.6	4.37	30.3	28.6	4.60	27.7	27.1	4.84
1300	71	38.8	21.2	4.37	37.3	20.9	4.66	35.3	20.2	4.93	33.1	19.5	5.18
	67	36.9	26.5	4.28	35.0	25.9	4.54	32.9	25.3	4.80	30.6	24.5	5.03
	63	34.7	31.5	4.19	32.8	30.7	4.44	30.7	29.6	4.67	28.1	27.9	4.92
1400	71	38.8	21.5	4.41	37.5	21.4	4.72	35.5	20.7	4.98	33.2	20.1	5.24
	67	36.8	27.0	4.32	35.1	26.6	4.59	33.1	26.1	4.85	30.8	25.4	5.09
	63	34.9	32.4	4.24	33.1	31.8	4.50	31.1	30.6	4.73	28.5	28.5	5.00

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
500A	036	1.00	1.01	510B	048	1.04	1.02
506B	036	1.00	1.00	517E	036	0.99	1.01
	042	1.01	1.01		042	1.02	1.02
507H & 518B	030	0.98	1.00	519B/C	036	1.00	1.01
	036	1.01	1.02		042	1.02	1.02
	042	1.03	1.03		048	1.01	1.01
507D & 518A	036	0.99	1.01	519B/C with 520B	042	1.02	1.02
	048	1.03	1.01		048	1.02	1.00

565B036-A Outdoor Section With 518B036 Indoor Section

1050	71	38.7	20.2	4.10	36.7	19.6	4.34	34.4	18.8	4.58	31.9	17.9	4.79
	67	36.4	24.6	4.00	34.1	23.7	4.21	31.7	22.7	4.41	29.1	21.7	4.61
	63	33.5	28.5	3.86	30.7	27.2	4.07	27.8	25.8	4.27	25.0	24.2	4.49
1200	71	39.2	21.0	4.19	37.3	20.5	4.44	34.9	19.6	4.66	32.4	18.8	4.89
	67	37.1	26.0	4.10	34.7	25.2	4.32	32.3	24.2	4.52	29.6	23.2	4.71
	63	34.3	30.4	3.96	31.3	28.9	4.17	28.4	27.4	4.38	25.7	25.6	4.59
1350	71	39.6	21.8	4.27	37.7	21.3	4.52	35.1	20.4	4.73	32.7	19.7	4.97
	67	37.5	27.2	4.18	35.2	26.5	4.40	32.7	25.6	4.61	29.9	24.5	4.80
	63	34.9	32.1	4.05	31.9	30.5	4.26	29.0	28.7	4.47	26.5	26.5	4.69

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
506B	036	0.99	0.99	517E	036	0.97	1.01
	042	0.99	1.00		042	1.01	1.01
507D & 518A	036	0.98	1.00	519B/C	036	0.98	1.00
	042	0.99	0.99		042	1.01	1.01
507J & 518C	030	0.96	0.98	519B/C with 520B	042	1.01	1.01
	036	0.97	0.98		030	0.96	0.98
	042	0.98	1.00		036	0.97	0.98
				519D	042	1.00	1.00

565B042 Outdoor Section With 519B048 Indoor Section

1400	71	46.2	25.2	5.12	43.2	24.0	5.42	40.4	22.9	5.74	37.6	21.9	6.05
	67	43.5	31.0	5.02	40.7	29.9	5.32	38.0	28.7	5.62	35.1	27.5	5.90
	63	40.5	36.5	4.91	38.1	35.3	5.21	35.7	34.1	5.51	33.3	32.7	5.81
1550	71	46.6	26.0	5.20	43.4	24.7	5.50	40.6	23.6	5.82	37.8	22.6	6.13
	67	43.8	32.3	5.10	41.0	31.1	5.39	38.3	30.0	5.70	35.4	28.7	5.98
	63	41.1	38.3	5.00	38.7	37.1	5.32	36.4	35.7	5.62	34.0	34.0	5.93
1700	71	46.9	26.8	5.28	43.5	25.3	5.57	40.7	24.3	5.89	37.8	23.3	6.20
	67	44.0	33.4	5.17	41.1	32.1	5.46	38.6	31.3	5.79	35.8	30.2	6.09
	63	41.7	39.9	5.09	39.3	38.6	5.41	37.0	36.9	5.73	34.7	34.7	6.04

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
506B	042	0.99	1.00	510B	048	1.03	1.01
	048	1.00	1.01		060	1.08	1.03
	060	1.02	1.01		517E	042	0.99
507D & 518A	042	0.99	1.00	048		1.00	1.01
	048	1.00	1.01	060		1.06	1.09
	060	1.03	1.01	519B/C	042	0.99	1.00
507J & 518C	042	0.95	0.96		060	1.05	1.02
	048	1.04	1.02		519B/C with 520B	042	0.99
509A & 519D	042	0.95	0.96	048		1.00	1.01
	048	1.04	1.02	060		1.04	1.06

DETAILED COOLING CAPACITIES*

Evaporator Air		CONDENSER ENTERING AIR TEMPERATURES °F											
		85			95			105			115		
		CFM	E W B	Capacity MBtuht†		Total System KW**	Capacity MBtuht†		Total System KW**	Capacity MBtuht†		Total System KW**	Capacity MBtuht†
Total	Sens‡			Total	Sens‡		Total	Sens‡		Total	Sens‡		
565B048 Outdoor Section With 518A060 Indoor Section													
1600	71	51.8	28.3	5.66	49.6	27.8	6.07	46.9	27.0	6.44	44.0	26.0	6.82
	67	49.1	35.4	5.57	46.5	34.6	5.94	43.8	33.7	6.30	40.7	32.5	6.63
	63	46.0	41.9	5.45	43.5	40.8	5.80	40.7	39.3	6.13	37.9	37.6	6.46
1750	71	52.1	29.1	5.74	50.0	28.7	6.15	47.2	27.9	6.53	44.2	27.0	6.90
	67	49.6	36.8	5.66	47.0	36.1	6.03	44.2	35.1	6.39	41.1	34.0	6.73
	63	46.6	43.7	5.54	44.1	42.5	5.90	41.4	40.9	6.24	38.6	38.6	6.58
1900	71	52.9	30.2	5.85	50.2	29.5	6.23	47.4	28.7	6.61	44.5	27.8	6.99
	67	50.0	38.2	5.74	47.3	37.5	6.11	44.4	36.4	6.46	41.4	35.4	6.82
	63	47.2	45.4	5.64	44.7	44.0	5.99	42.0	42.0	6.34	39.4	39.4	6.70

Multipliers for Determining the Performance With Other Indoor Sections

Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
506B	048	0.97	0.98	517E	048	0.99	1.03
	060	0.99	1.00		060	1.02	1.03
507J & 518C	048	0.97	1.01	519B/C	048	0.96	0.97
	060	1.01	1.01		060	1.01	1.02
510B	048	0.96	0.97	519B/C with 520B	048	0.96	0.99
	060	1.01	1.02		060	1.00	1.01
507D & 518A	048	0.98	0.99	509A & 519D	048	0.97	1.01
					060	1.01	1.01

565B060 Outdoor Section With 518A060 Indoor Section

1800	71	61.4	32.8	7.08	58.1	31.7	7.47	54.8	30.6	7.84	51.3	29.4	8.21
	67	57.7	40.2	6.91	54.4	38.9	7.26	50.9	37.5	7.59	47.3	36.1	7.89
	63	53.8	47.3	6.72	50.5	45.7	7.05	47.3	44.1	7.36	44.0	42.4	7.66
2000	71	61.9	33.9	7.19	58.7	32.8	7.58	55.3	31.7	7.97	51.8	30.6	8.34
	67	58.5	42.1	7.04	55.0	40.7	7.38	51.4	39.3	7.71	47.8	37.9	8.02
	63	54.7	49.7	6.86	51.4	48.1	7.20	48.1	46.4	7.51	44.9	44.4	7.82
2200	71	62.3	34.8	7.30	59.0	33.8	7.69	55.7	32.8	8.09	52.1	31.7	8.45
	67	59.1	43.8	7.15	55.5	42.4	7.50	51.9	41.0	7.82	48.2	39.6	8.13
	63	55.4	51.9	6.99	52.1	50.2	7.33	48.8	48.2	7.66	45.6	45.6	7.99

Multipliers for Determining the Performance With Other Indoor Sections

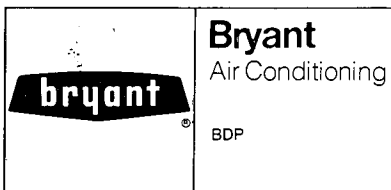
Indoor Section	Size	Cooling		Indoor Section	Size	Cooling	
		Capacity	Power			Capacity	Power
506B	060	1.00	1.00	517E	060	1.02	1.06
	090	1.05	1.02		519B/C	060	0.98
510B	060	1.04	1.02	519B/C with 520B	060	0.99	1.06
507J & 518C	048	0.97	0.99				
	060	1.01	0.97				
509A & 519D	048	0.97	0.99				
	060	1.02	1.02				

*Detailed cooling capacities are based on evaporator and condensing unit at same elevation and connected by 25 feet of tubing. If other than 25 feet of tubing is used and/or evaporator is located above condensing unit, a slight variation in capacity may occur. See Installation Instructions for sizing of liquid and suction tubes.

†Total and sensible capacities are net.

‡Sensible capacities based on 80°F entering air at evaporator. For sensible capacities at other than 80°F, deduct 835 Btu/h per 1000 cfm of evaporator air per degree below 80°F, or add 835 Btu/h per 1000 cfm of evaporator air per degree above 80°F.

**Total system KW includes compressor, condenser fan motor, and evaporator blower motor.



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS