

4AC14B

PRODUCT SPECIFICATIONS

SPLIT SYSTEM AIR CONDITIONER
UP TO 16 SEER

FORM NO. 4AC14B-100 (07/2019)



COMPRESSOR

- High-efficiency scroll compressor
- R410A refrigerant
- Internally protected against high temperature motor overload conditions
- Heavy duty compressor sound blanket for quiet operation (optional accessory)

CABINET

- Metal wire guard construction to protect the coil
- Corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- 45-degree offset valves for easy service

COILS

- Omniguard™ total corrosion protection technology designed coil
- Enhanced tube-and-fin coil design featuring MHT™ Technology
- Lanced fins for maximum heat transfer
- Every coil factory tested for leakproof construction
- Raised coil prevents debris from impeding airflow

COMPONENTS

- Factory installed high pressure switch
- Thread-on pressure switches for simple, quick replacement
- Filter drier shipped loose for installation flexibility
- Fan orifice for smoother airflow and sound level reduction
- Charged for 15 feet of line set

WARRANTY

10 year limited warranty on compressor

10 year limited warranty on all parts, extended warranty available*

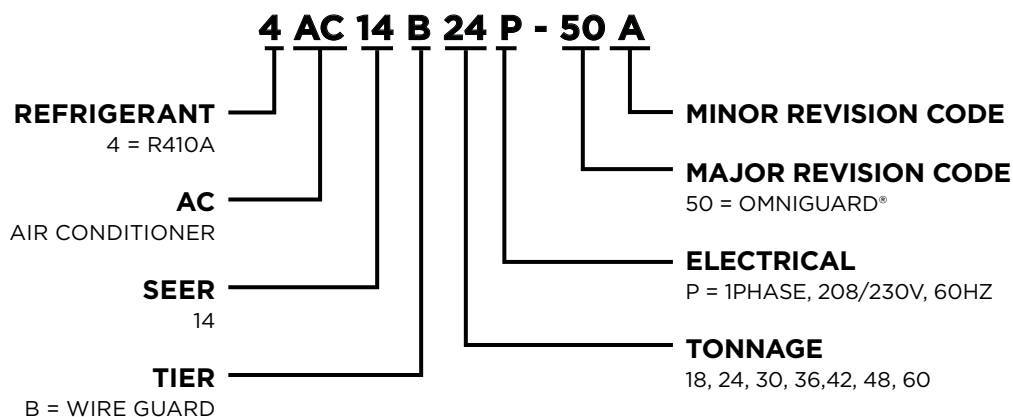
**Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered online within 60 days of installation to qualify for 10-year coverage. Unregistered equipment defaults 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 for terms, conditions and exclusions.*

NOTE:

For the latest AHRI system matches please visit www.alliedratings.com or www.AHRIdirectory.org



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)	Rated Load (amps)	Rated HP
4AC14B18P-50	208-230/60/1	197-253	11.9	20	9	48	0.7	1/10
4AC14B24P-50	208-230/60/1	197-253	14.6	25	10.9	59	1	1/6
4AC14B30P-50	208-230/60/1	197-253	17	25	12.8	68	1	1/6
4AC14B36P-50	208-230/60/1	197-253	18	30	13.6	79	1	1/6
4AC14B42P-50	208-230/60/1	197-253	23.4	40	17.9	112	1	1/6
4AC14B48P-50	208-230/60/1	197-253	24.2	40	18	117	1.7	1/4
4AC14B60P-50	208-230/60/1	197-253	29.6	50	22.2	128	1.8	1/3

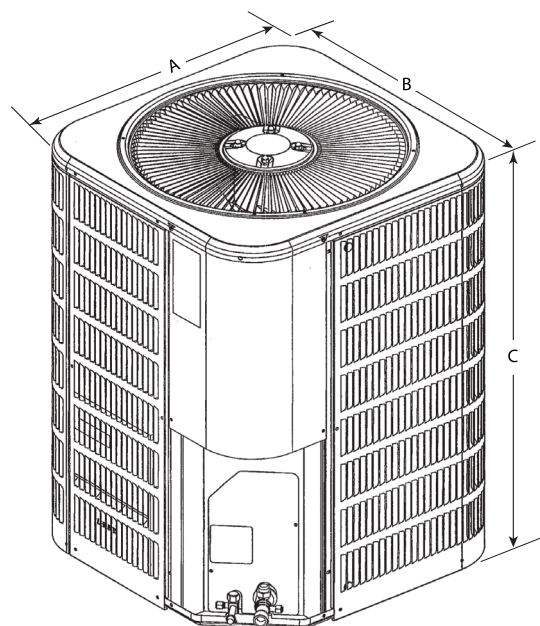
Note:

+ Factory charged for 15 feet of line set. Adjust per installation instructions.

UNIT DIMENSIONS (IN.)

Model	Dimensions (inch)			Shipping Weight (lbs.)
	A - Width	B - Depth	C - Height	
4AC14B18P-50	24.25	24.25	29	155
4AC14B24P-50	28.25	28.25	37	171
4AC14B30P-50	28.25	28.25	37	187
4AC14B36P-50	28.25	28.25	37	205
4AC14B42P-50	28.25	28.25	37	234
4AC14B48P-50	28.25	28.25	37	255
4AC14B60P-50	32.25	32.25	43	284

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



SOUND RATINGS

Model	Sound Power ¹	Estimated Sound Pressure (dBA) ²		
		Approximate Distance ³		
		One Meter (3.3 feet)	Two Meters (6.6 feet)	Three Meters (9.8 feet)
4AC14B18P-50	73	65	59	55
4AC14B24P-50	76	68	62	58
4AC14B30P-50	76	68	62	58
4AC14B36P-50	76	68	62	58
4AC14B42P-50	76	68	62	58
4AC14B48P-50	78	70	64	60
4AC14B60P-50	80	72	66	62

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

ACCESSORIES

Description	Where Used	Kit Number
TXV Kit	18, 24, 30	H4TXV01
	36, 42, 48	H4TXV02
	60	H4TXV03
Liquid Line solenoid	All models	60M5201
Low ambient AC units (cooling operation) ¹	All models	34M72
Compressor Short Cycle protector	All models	47J27
Hard Start	18	10J42
Hard Start	24 thru 60	88M91
Outdoor Thermostat - electric heat	All models	56A87
Over flow switch	All models	11U75
Freeze stat	All models	93G35
Blower time delay	All models	58M81
Single point power supply	All models	21H39
Relay (multi indoor speed)	All models	85W66
Crankcase Heater	18, 24, 30, 36	93M04
Crankcase Heater	42	93M05
Crankcase Heater	48, 60	Factory Installed
Sound Cover	18, 24, 30, 36	14W00
Sound Cover	42, 48, 60	14W01
Loss of Charge Kit	All models	84M23

¹Low ambient AC units will require freeze stat, TXV kit, and crankcase heater

REFRIGERATION DATA

Model	Refrig. Charge (oz.) *	Piston Size	TXV	Refrigerant Line Size		Outdoor Unit Connection		Indoor Unit Connection	
				Suction	Liquid	Suction	Liquid	Suction	Liquid
4AC14B18P-50	73	0.052	H4TXV01	3/4	3/8	3/4	3/8	3/4	3/8
4AC14B24P-50	73	0.060	H4TXV01	3/4	3/8	3/4	3/8	3/4	3/8
4AC14B30P-50	88	0.067	H4TXV01	3/4	3/8	3/4	3/8	3/4	3/8
4AC14B36P-50	113	0.072	H4TXV02	7/8	3/8	7/8	3/8	7/8	3/8
4AC14B42P-50	140	0.081	H4TXV02	7/8	3/8	7/8	3/8	7/8	3/8
4AC14B48P-50	156	0.083	H4TXV02	7/8	3/8	7/8	3/8	7/8	3/8
4AC14B60P-50	192	0.097	H4TXV03	1 1/8	3/8	7/8 **	3/8	7/8	3/8

*Factory charged for 15 feet of line set

** Adapter shipped with unit

COOLING PERFORMANCE

Outdoor Model	Indoor Model	Capacity (BTUH)	EER	SEER
4AC14B18P-50	EAC4X24B	18,000	12.20	14.00
4AC14B24P-50	EAC4X24B	24,000	12.20	14.25
4AC14B30P-50	EAC4X30B	28,400	12.20	14.00
4AC14B36P-50	EAC4X36B	34,000	12.20	14.25
4AC14B42P-50	EAC4X49C	40,000	12.20	14.00
4AC14B48P-50	EAC4X60C	46,000	12.20	14.00
4AC14B60P-50	EAC4X60C	58,000	11.70	14.00

NOTE:

For the latest AHRI system matches please visit www.alliedratings.com or www.AHRIdirectory.org

COOLING PERFORMANCE EXTENDED RATINGS

4AC14B18P-50 - EAC4X24A

Entering Wet Bulb Temperature	Total Air Volume	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)				
		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)			Total Cooling Capacity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)			
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb			
	cfm	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	
59°F (15°C)	525	18.3	1050	.93	1.00	1.00	17.7	1190	.95	1.00	1.00	16.9	1340	.98	1.00	1.00	16.0	1510	1.00	1.00	1.00	
	660	19.7	1050	1.00	1.00	1.00	18.9	1190	1.00	1.00	1.00	18.1	1340	1.00	1.00	1.00	17.2	1510	1.00	1.00	1.00	
	675	19.9	1050	1.00	1.00	1.00	19.1	1190	1.00	1.00	1.00	18.2	1340	1.00	1.00	1.00	17.2	1510	1.00	1.00	1.00	
63°F (17.2°C)	525	19.0	1050	.76	.89	1.00	18.1	1190	.77	.92	1.00	17.2	1340	.79	.94	1.00	16.2	1510	.82	.97	1.00	
	660	20.0	1040	.81	.97	1.00	19.0	1190	.83	.99	1.00	18.1	1340	.86	1.00	1.00	17.2	1510	.88	1.00	1.00	
	675	20.0	1040	.82	.98	1.00	19.1	1190	.84	1.00	1.00	18.2	1340	.86	1.00	1.00	17.3	1510	.89	1.00	1.00	
67°F (19.4°C)	525	20.0	1040	.61	.73	.86	19.1	1190	.61	.75	.88	18.2	1340	.63	.77	.91	17.1	1510	.64	.79	.94	
	660	21.0	1040	.64	.79	.94	20.0	1190	.65	.81	.96	19.1	1340	.66	.83	.99	17.9	1510	.68	.86	1.00	
	675	21.0	1040	.65	.80	.95	20.2	1190	.66	.82	.97	19.1	1340	.67	.84	.99	18.0	1510	.69	.86	1.00	
71°F (21.7°C)	525	21.2	1040	.47	.59	.71	20.2	1190	.47	.60	.72	19.2	1340	.48	.61	.74	18.1	1510	.48	.63	.77	
	660	22.2	1030	.49	.63	.77	21.2	1190	.49	.64	.79	20.0	1350	.50	.66	.81	18.9	1520	.51	.67	.83	
	675	22.2	1030	.49	.63	.77	21.2	1190	.49	.64	.79	20.0	1350	.50	.66	.81	19.0	1520	.51	.67	.84	

4AC14B24P-50 - EAC4X24B

Entering Wet Bulb Temperature	Total Air Volume	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)				
		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)			Total Cooling Capacity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)					
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
	cfm	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			
59°F (15°C)	700	23.4	1360	.93	1.00	1.00	22.6	1530	.96	1.00	1.00	21.6	1730	.98	1.00	1.00	20.6	1990	1.00	1.00	1.00			
	800	24.6	1340	.97	1.00	1.00	23.6	1520	.99	1.00	1.00	22.6	1730	1.00	1.00	1.00	21.4	1970	1.00	1.00	1.00			
	900	25.4	1330	1.00	1.00	1.00	24.4	1510	1.00	1.00	1.00	23.4	1710	1.00	1.00	1.00	22.2	1960	1.00	1.00	1.00			
63°F (17.2°C)	700	24.4	1350	.76	.90	1.00	23.2	1520	.78	.92	1.00	22.0	1730	.80	.95	1.00	20.8	1980	.82	.98	1.00			
	800	25.2	1340	.79	.94	1.00	24.0	1520	.81	.96	1.00	22.8	1720	.83	.99	1.00	21.4	1970	.86	1.00	1.00			
	900	25.8	1330	.82	.98	1.00	24.6	1510	.84	1.00	1.00	23.4	1710	.86	1.00	1.00	22.2	1970	.89	1.00	1.00			
67°F (19.4°C)	700	26.0	1330	.60	.73	.86	24.8	1510	.62	.75	.88	23.4	1710	.63	.77	.91	22.0	1960	.64	.79	.94			
	800	26.6	1320	.63	.77	.90	25.4	1500	.63	.78	.93	24.2	1700	.65	.81	.95	22.6	1950	.67	.83	.99			
	900	27.2	1310	.64	.80	.94	26.0	1490	.66	.81	.97	24.6	1690	.67	.84	1.00	23.2	1950	.69	.87	1.00			
71°F (21.7°C)	700	27.4	1310	.47	.59	.71	26.2	1490	.47	.60	.72	24.8	1690	.48	.61	.74	23.4	1940	.48	.63	.77			
	800	28.2	1300	.47	.61	.74	27.0	1470	.48	.62	.76	25.6	1680	.49	.63	.78	24.0	1930	.49	.65	.80			
	900	29.0	1290	.48	.63	.77	27.6	1470	.49	.64	.79	26.2	1670	.50	.66	.81	24.6	1910	.50	.67	.84			

COOLING PERFORMANCE EXTENDED RATINGS**4AC14B30P-50 - EAC4X30B**

Entering Wet Bulb Temperature	Total Air Volume	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)					
		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)			Total Cooling Capacity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
				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				
cfm	kBtuh				kBtuh					kBtuh				kBtuh											
59°F (15°C)	875	28.0	1510	.94	1.00	1.00	26.8	1720	.97	1.00	1.00	25.6	1970	.99	1.00	1.00	24.2	2250	1.00	1.00	1.00				
	1000	29.2	1510	.98	1.00	1.00	28.0	1730	1.00	1.00	1.00	26.8	1980	1.00	1.00	1.00	25.2	2260	1.00	1.00	1.00				
	1125	30.2	1510	1.00	1.00	1.00	29.0	1730	1.00	1.00	1.00	27.6	1990	1.00	1.00	1.00	26.0	2270	1.00	1.00	1.00				
63°F (17.2°C)	875	29.0	1510	.77	.91	1.00	27.6	1730	.79	.93	1.00	26.0	1970	.81	.96	1.00	24.4	2260	.83	.99	1.00				
	1000	29.8	1510	.80	.95	1.00	28.4	1730	.82	.97	1.00	26.8	1980	.84	1.00	1.00	25.2	2260	.87	1.00	1.00				
	1125	30.6	1520	.83	.99	1.00	29.2	1740	.84	1.00	1.00	27.6	1990	.87	1.00	1.00	26.0	2270	.91	1.00	1.00				
67°F (19.4°C)	875	30.8	1520	.61	.74	.87	29.4	1740	.62	.76	.89	27.8	1990	.63	.78	.92	26.0	2270	.65	.81	.96				
	1000	31.6	1520	.63	.77	.91	30.2	1740	.64	.79	.94	28.4	1990	.65	.81	.96	26.6	2280	.67	.85	1.00				
	1125	32.4	1530	.65	.80	.95	30.8	1750	.66	.82	.98	29.0	1990	.67	.85	1.00	27.0	2290	.70	.88	1.00				
71°F (21.7°C)	875	32.6	1530	.47	.59	.71	31.2	1750	.47	.60	.73	29.4	2000	.48	.62	.75	27.6	2290	.49	.63	.78				
	1000	33.6	1540	.48	.62	.75	32.0	1760	.48	.63	.76	30.2	2010	.49	.64	.79	28.2	2300	.50	.66	.81				
	1125	34.2	1540	.49	.63	.78	32.8	1770	.49	.65	.80	30.8	2020	.50	.66	.82	28.8	2300	.51	.68	.85				

4AC14B36P-50 - EAC4X36B

Entering Wet Bulb Temperature	Total Air Volume	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)					
		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)			Total Cooling Capacity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)						
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb						
	cfm	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C				
59°F (15°C)	1050	33.8	1910	.92	1.00	1.00	32.6	2160	.94	1.00	1.00	31.2	2450	.96	1.00	1.00	29.6	2820	.99	1.00	1.00				
	1200	35.2	1900	.96	1.00	1.00	34.0	2160	.98	1.00	1.00	32.6	2460	1.00	1.00	1.00	30.8	2830	1.00	1.00	1.00				
	1350	36.4	1900	.99	1.00	1.00	35.0	2160	1.00	1.00	1.00	33.6	2460	1.00	1.00	1.00	31.8	2830	1.00	1.00	1.00				
63°F (17.2°C)	1050	35.2	1900	.75	.88	1.00	33.8	2160	.76	.90	1.00	32.0	2460	.78	.93	1.00	30.2	2820	.80	.96	1.00				
	1200	36.2	1900	.77	.92	1.00	34.6	2160	.79	.94	1.00	33.0	2450	.80	.97	1.00	31.0	2830	.83	1.00	1.00				
	1350	37.0	1900	.80	.96	1.00	35.4	2160	.81	.98	1.00	33.6	2460	.83	1.00	1.00	31.8	2830	.86	1.00	1.00				
67°F (19.4°C)	1050	37.0	1900	.59	.72	.85	35.6	2160	.60	.74	.87	33.8	2460	.61	.75	.89	31.8	2830	.62	.77	.92				
	1200	38.0	1900	.61	.75	.89	36.4	2160	.62	.76	.91	34.8	2470	.63	.78	.93	32.6	2830	.64	.80	.97				
	1350	39.0	1900	.62	.78	.93	37.2	2170	.63	.79	.95	35.4	2470	.64	.81	.97	33.2	2830	.65	.83	1.00				
71°F (21.7°C)	1050	38.5	1900	.45	.58	.70	37.0	2160	.46	.58	.71	35.2	2470	.46	.59	.73	33.4	2840	.46	.61	.75				
	1200	40.0	1900	.46	.59	.73	38.0	2170	.46	.60	.74	36.4	2480	.46	.62	.76	34.2	2850	.47	.63	.78				
	1350	40.5	1910	.47	.61	.75	39.0	2170	.47	.62	.77	37.0	2480	.48	.63	.79	34.8	2860	.48	.64	.82				

COOLING PERFORMANCE EXTENDED RATINGS**4AC14B42P-50 - EAC4X49C**

Entering Wet Bulb Temperature	Total Air Volume	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)				
		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)			Total Cooling Capacity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)					
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
	cfm	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			
59°F (15°C)	1225	40.5	2340	.94	1.00	1.00	39.0	2640	.97	1.00	1.00	37.2	2950	.99	1.00	1.00	35.4	3320	1.00	1.00	1.00			
	1400	42.0	2350	.99	1.00	1.00	40.5	2640	1.00	1.00	1.00	39.0	2960	1.00	1.00	1.00	36.8	3320	1.00	1.00	1.00			
	1575	43.5	2350	1.00	1.00	1.00	42.0	2650	1.00	1.00	1.00	40.0	2950	1.00	1.00	1.00	38.0	3310	1.00	1.00	1.00			
63°F (17.2°C)	1225	41.5	2350	.77	.91	1.00	40.0	2640	.79	.93	1.00	37.8	2950	.81	.96	1.00	35.6	3310	.83	.99	1.00			
	1400	43.0	2350	.80	.95	1.00	41.0	2640	.82	.98	1.00	39.0	2960	.84	1.00	1.00	36.8	3320	.87	1.00	1.00			
	1575	44.0	2350	.83	.99	1.00	42.0	2640	.85	1.00	1.00	40.0	2960	.88	1.00	1.00	38.0	3310	.91	1.00	1.00			
67°F (19.4°C)	1225	44.0	2350	.61	.75	.88	42.0	2640	.63	.76	.90	40.0	2950	.64	.78	.93	37.4	3310	.65	.81	.96			
	1400	45.5	2360	.64	.78	.92	43.0	2650	.65	.80	.94	41.0	2950	.66	.82	.97	38.5	3310	.68	.85	1.00			
	1575	46.5	2360	.65	.81	.96	44.0	2650	.67	.83	.98	42.0	2950	.68	.85	1.00	39.0	3300	.70	.88	1.00			
71°F (21.7°C)	1225	46.0	2360	.47	.60	.72	44.0	2650	.47	.61	.74	42.0	2950	.48	.62	.76	39.5	3300	.49	.64	.78			
	1400	47.5	2360	.48	.62	.75	45.5	2650	.49	.63	.77	43.0	2950	.50	.65	.80	40.5	3300	.50	.66	.82			
	1575	48.5	2360	.49	.64	.79	46.5	2640	.50	.65	.81	44.0	2950	.50	.67	.83	41.0	3290	.50	.69	.86			

4AC14B48P-50 - EAC4X60C

Entering Wet Bulb Temperature	Total Air Volume	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)				
		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)			Total Cooling Capac-ity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)					
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
				75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			kBtuh	75°F 23.9°C	80°F 26.7°C			85°F 29.4°C	kBtuh	75°F 23.9°C			80°F 26.7°C	85°F 29.4°C	kBtuh	75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
cfm	kBtuh																							
59°F (15°C)	1400	46.0	2520	.95	1.00	1.00	44.5	2850	.97	1.00	1.00	42.5	3230	.99	1.00	1.00	40.5	3650	1.00	1.00	1.00			
	1600	48.0	2520	.99	1.00	1.00	46.0	2860	1.00	1.00	1.00	44.0	3230	1.00	1.00	1.00	42.0	3640	1.00	1.00	1.00			
	1800	49.5	2520	1.00	1.00	1.00	48.0	2860	1.00	1.00	1.00	45.5	3230	1.00	1.00	1.00	43.5	3660	1.00	1.00	1.00			
63°F (17.2°C)	1400	47.5	2520	.77	.91	1.00	45.0	2850	.79	.94	1.00	43.0	3230	.81	.96	1.00	40.5	3650	.83	.99	1.00			
	1600	48.5	2520	.81	.96	1.00	46.5	2860	.83	.99	1.00	44.0	3230	.85	1.00	1.00	42.0	3650	.87	1.00	1.00			
	1800	50.0	2530	.84	1.00	1.00	48.0	2860	.86	1.00	1.00	45.5	3240	.88	1.00	1.00	43.5	3660	.91	1.00	1.00			
67°F (19.4°C)	1400	50.0	2520	.61	.75	.88	47.5	2860	.63	.77	.90	45.5	3230	.64	.79	.93	43.0	3660	.65	.81	.96			
	1600	51.5	2520	.64	.79	.93	49.0	2860	.65	.80	.95	46.5	3240	.66	.82	.98	44.0	3650	.68	.85	1.00			
	1800	52.5	2520	.66	.82	.97	50.0	2870	.66	.84	1.00	47.5	3240	.68	.86	1.00	45.0	3660	.70	.89	1.00			
71°F (21.7°C)	1400	52.5	2530	.47	.60	.72	50.5	2870	.47	.61	.74	48.0	3250	.48	.62	.76	45.0	3660	.49	.64	.78			
	1600	54.0	2530	.48	.63	.76	51.5	2870	.49	.64	.78	49.0	3250	.49	.65	.80	46.0	3670	.50	.66	.82			
	1800	55.5	2530	.49	.65	.80	52.5	2880	.50	.66	.81	50.0	3250	.50	.67	.84	47.0	3670	.51	.69	.86			

COOLING PERFORMANCE EXTENDED RATINGS

4AC14B60P-50 - EA(C;U)1P60C+H4TXV03+45 SEC BLOWER DELAY

Entering Wet Bulb Temperature	Total Air Volume	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)				
		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)			Total Cooling Capac-ity	Comp. Motor Watts Input	Sensible To Total Ratio (S/T)					
				Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
	cfm	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			
59°F (15°C)	1575	55.5	3510	.89	1.00	1.00	53.5	3940	.91	1.00	1.00	51.5	4440	.94	1.00	1.00	49.0	5010	.96	1.00	1.00			
	1800	58.0	3500	.93	1.00	1.00	56.0	3940	.95	1.00	1.00	53.5	4430	.98	1.00	1.00	51.0	5010	1.00	1.00	1.00			
	2025	60.5	3500	.97	1.00	1.00	58.0	3940	.99	1.00	1.00	55.5	4430	1.00	1.00	1.00	53.0	5010	1.00	1.00	1.00			
63°F (17.2°C)	1575	58.5	3500	.73	.86	.98	56.0	3940	.74	.88	1.00	53.0	4430	.76	.90	1.00	50.0	5000	.78	.93	1.00			
	1800	60.0	3500	.75	.90	1.00	57.5	3940	.77	.92	1.00	54.5	4430	.79	.94	1.00	51.5	5010	.81	.97	1.00			
	2025	61.5	3500	.78	.94	1.00	59.0	3940	.80	.96	1.00	56.0	4440	.82	.98	1.00	53.0	5000	.84	1.00	1.00			
67°F (19.4°C)	1575	62.0	3500	.58	.71	.83	59.0	3940	.59	.72	.85	56.0	4430	.60	.73	.87	53.0	5010	.61	.75	.89			
	1800	63.5	3490	.60	.73	.86	60.5	3940	.60	.75	.89	58.0	4430	.62	.76	.91	54.5	5010	.63	.79	.94			
	2025	65.0	3490	.61	.76	.90	62.0	3940	.63	.78	.93	59.0	4430	.63	.79	.95	55.5	5000	.65	.82	.98			
71°F (21.7°C)	1575	65.0	3490	.44	.57	.68	62.5	3940	.45	.57	.69	59.0	4430	.45	.58	.71	56.0	5010	.46	.59	.73			
	1800	67.0	3490	.45	.58	.71	64.0	3930	.45	.59	.72	61.0	4430	.46	.60	.74	57.5	5010	.46	.62	.76			
	2025	68.5	3480	.46	.60	.74	65.5	3930	.46	.61	.75	62.0	4430	.47	.62	.77	58.5	5010	.47	.64	.80			



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All specifications and illustrations subject to change without notice and without incurring obligations.