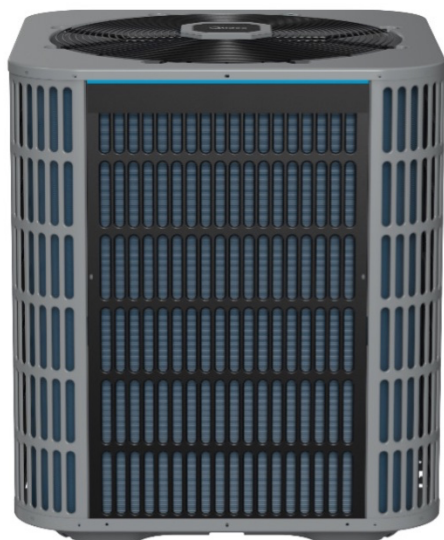


Breeze33 BZ33-AC134 Series Air Conditioner

13.4 SEER2

Cooling capacity: 18-60 kBtu/h



Contents:

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Standard Features:

- Eco-friendly R454B refrigerant with low GWP value.
- Energy-efficient compressor.
- Equipped with thermal overload protection.
- High-efficiency aluminum microchannel condenser.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high-pressure switch.
- AHRI certified and ETL listed.
- Filter drier included as accessory.

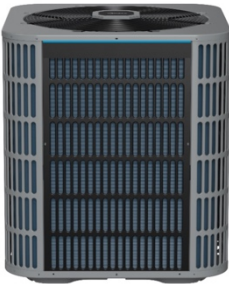
Cabinet Features:

- Compact design allows for ease of installation, clearance, durability, and maneuverability.
- Powder-painted galvanized steel cabinet chassis.
- Protective steel louvered coil guard.
- Steel wire axial fan guard
- ECM fan motor and unique blade style allowing for smooth discharge air and quieter operation.

BZ33-AC134 Series



1 Product lineup

Model	BZ33-18AC134-454B BZ33-24AC134-454B BZ33-30AC134-454B BZ33-36AC134-454B	BZ33-42AC134-454B BZ33-48AC134-454B BZ33-60AC134-454B
Power supply	208/230V-1Ph-60Hz	
Appearance		

2 Nomenclature

BZ33	-	18	AC	134	-	454B
1		2	3	4		5

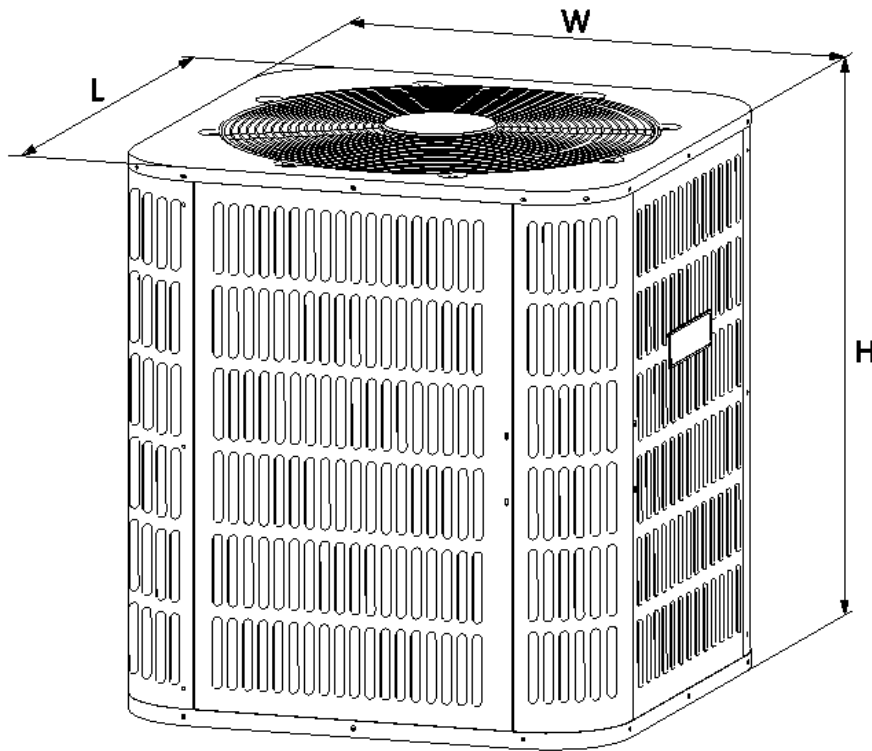
Legend		
No.	Code	Remarks
1	BZ33	Brand: Breeze33
2	18	Capacity: 18: 18kBtu/h; 24:24kBtu/h; 30:30kBtu/h; 36:36kBtu/h; 42:42kBtu/h; 48:48kBtu/h; 60: 60kBtu/h;
3	AC	Unit type: AC: Air Conditioner
4	134	Efficiency: 134: 13.4 SEER2
5	454B	Refrigerant Type: 454B : R454B

3 Specifications

	BZ33-18AC134-454B	BZ33-24AC134-454B	BZ33-30AC134-454B	BZ33-36AC134-454B
NOMINAL CAPACITY				
Cooling (BTU/h)	17,600	23,600	27,600	33,600
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph
Min. / Max. Voltage (V)	187/253	187/253	187/253	187/253
Min. Circuit Amps (MCA) (A)	12.2	15.5	17.6	21.9
Max. Overcurrent Protection (MOP) (A)	21.2	26.8	30.3	38.0
COMPRESSOR				
Type	Rotary	Rotary	Rotary	Scroll
Stage	Single	Single	Single	Single
Rated Load Amps (RLA) (A)	9.0	11.3	12.7	16.1
Locked Rotor Amps (LRA) (A)	40	55	55	86
Crankcase Heater	No	No	No	No
CONDENSER COIL				
Type	Micro-channel	Micro-channel	Micro-channel	Micro-channel
FAN MOTOR				
Motor Type	ECM	ECM	ECM	ECM
Capacitor(uF)	/	/	/	/
Horsepower (HP)	1/6	1/6	1/3	1/3
Full Load Amps (FLA) (A)	0.9	1.3	1.7	1.7
REFRIGERATION SYSTEM				
Liquid Valve Size (O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Valve Size (O.D.) (in.)	3/4	3/4	3/4	3/4
Liquid Line Size ("O.D.) (in.)	3/8	3/8	3/8	3/8
Suction Line Size ("O.D.) (in.)	3/4	3/4	3/4	3/4
Refrigerant Charge (lbs. - oz.)	3 lbs. 4 OZ.	3 lbs. 11 OZ.	4 lbs. 0 OZ.	3 lbs. 6 OZ.
SOUND POWER (dB(A))	73	75	75	77
OPERATION RANGE				
Cooling (°C)	12.7~48.9	12.7~48.9	12.7~48.9	12.7~48.9
Cooling (°F)	55~120	55~120	55~120	55~120

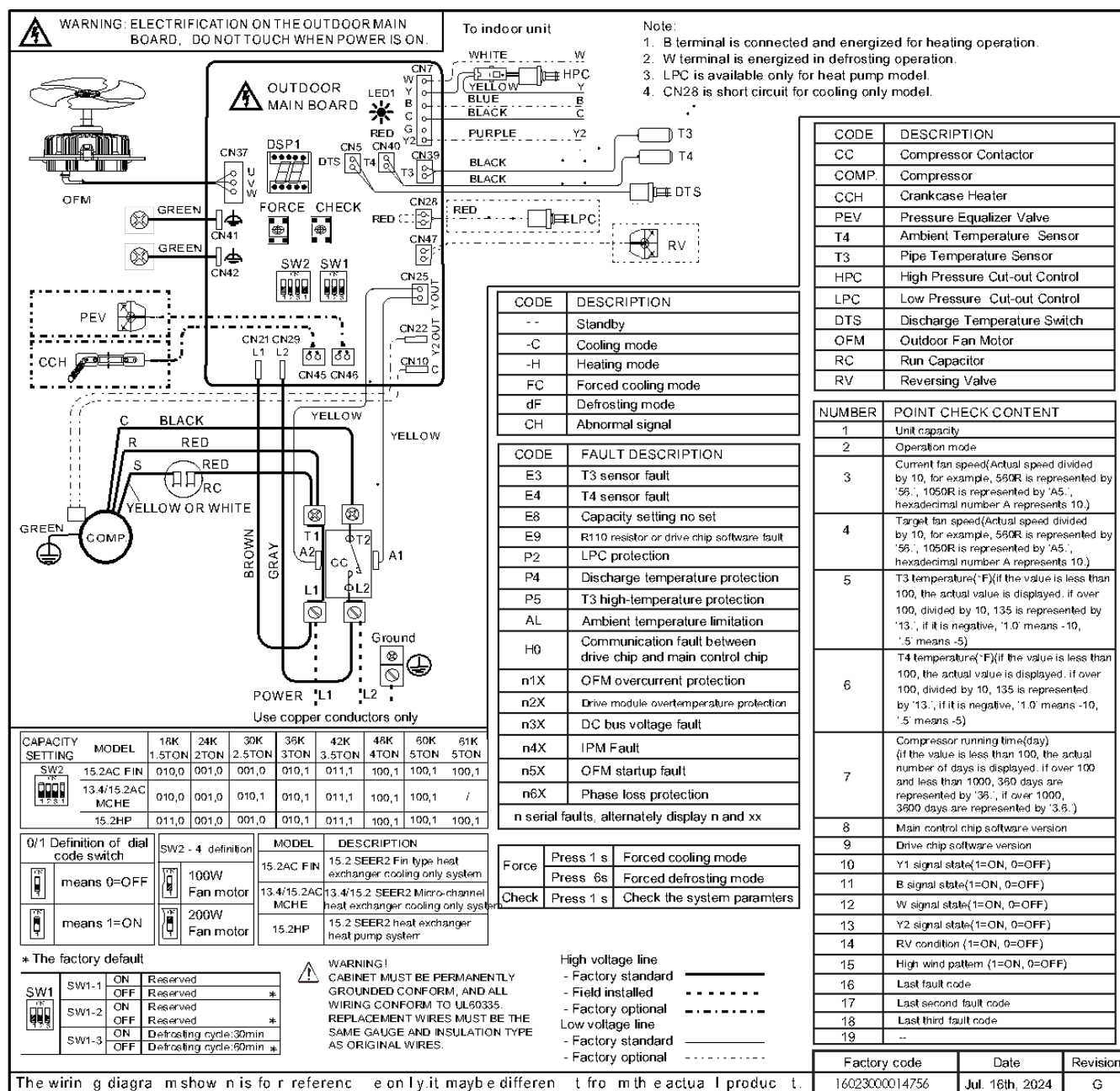
	BZ33-42AC134-454B	BZ33-48AC134-454B	BZ33-60AC134-454B
NOMINAL CAPACITY			
Cooling (BTU/h)	41,000	45,000	54,000
ELECTRICAL DATA			
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph
Min. / Max. Voltage (V)	187/253	187/253	187/253
Min. Circuit Amps (MCA) (A)	24.9	29.1	36.9
Max. Overcurrent Protection (MOP) (A)	43.4	50.7	64.6
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
Rated Load Amps (RLA) (A)	18.5	21.6	27.7
Locked Rotor Amps (LRA) (A)	96	95	125
Crankcase Heater	No	No	No
CONDENSER COIL			
Type	Micro-channel	Micro-channel	Micro-channel
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Capacitor(uF)	/	/	/
Horsepower (HP)	1/3	1/3	1/3
Full Load Amps (FLA) (A)	1.7	2.1	2.2
REFRIGERATION SYSTEM			
Liquid Valve Size (O.D.) (in.)	3/8	3/8	3/8
Suction Valve Size (O.D.) (in.)	7/8	7/8	7/8
Liquid Line Size ("O.D.) (in.)	3/8	3/8	3/8
Suction Line Size ("O.D.) (in.)	7/8	7/8	1-1/8
Refrigerant Charge (lbs. - oz.)	4 lbs. 15 OZ.	5 lbs. 12 OZ.	6 lbs. 8 OZ.
SOUND POWER (dB(A))	78	78	80
OPERATION RANGE			
Cooling (°C)	12.7~48.9	12.7~48.9	12.7~48.9
Cooling (°F)	55~120	55~120	55~120

4 Dimensions



Model Size	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "L" in. [mm]	Packing (W*H*D) in. [mm]	Unit Weight (lbs.[kg])
18	23-5/8 [600]	24-15/16 [633]	23-5/8 [600]	24-7/10 × 26-1/4 × 24-7/10 [628×667×628]	102 [48]
24	28 [710]	24-15/16 [633]	28 [710]	29 × 26-1/4 × 29 [738×667×738]	124 [56]
30	28 [710]	24-15/16 [633]	28 [710]	29 × 26-1/4 × 29 [738×667×738]	124 [56]
36	29-1/8 [740]	24-15/16 [633]	29-1/8 [740]	30-1/5 × 26-1/4 × 30-1/5 [768×667×768]	143 [65]
42	28 [710]	33-3/16 [843]	28 [710]	29 × 34-1/2 × 29 [738×877×738]	154 [70]
48	28 [710]	29-7/8 [759]	28 [710]	29 × 34-1/2 × 29 [738×794×738]	165 [75]
60	29-1/8 [740]	33-3/16 [843]	29-1/8 [740]	30-1/5 × 34-1/2 × 30-1/5 [768×877×768]	185 [84]

5 Wiring Diagram



BREEZE33 PRODUCTS, LLC

breeze33.com

Due to continuing product improvements, specifications may change without notice.
Visit breeze33.com for current product information.

