

# EZ SERIES AB

Replacement for the Singer  
and McQuay EB

Islandaire EZ Series EB is "The Perfect Fit" replacement for the Singer and McQuay models of EB units. Our commercial duty construction with heavy gauge galvanized steel and superior components create an efficient reliable unit. "The Perfect Fit" design eliminates the need for any interior or exterior renovation. Use of the existing wall sleeve-cabinet and louver saves time and money, two very important factors in today's competitive environment! Reciprocating compressor only. Digital controls only.

## FEATURES

- All Products Proudly Made in the U.S.A.
- UL listed products
- Superior Energy Efficiency Ratios (EERs)
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- Designed for "The Perfect Fit" replacement of existing sleeve opening
- Reciprocating Compressors Only
- Emerson, General Electric, and MagneTek P.S.C. Evaporator and Condenser Motors Used
- High-Efficiency Refrigeration Coils Used to Provide Superior Heat Transfer
- Ranco Thermostats Provide Accurate, Dependable Temperature Sensing
- Units Available as Cooling only, Cooling with Electric Heat, Cooling with Hydronic Heat,
- Custom Options Available
- Available with State-of-the-Art Digital *Intellitemp™* Control System

Voltage/Line Cord	
1 - 115v 20 Amps	7 - 277v 20 Amps
2 - 230v 20 Amps	8 - 277v Junction Box
3 - 230v 30 Amps	9 - 230v 15 Amps
4 - 230v Junction Box	A - 208v 15 Amps
5 - 115v 15 Amps	B - 208v 20 Amps
6 - 115v Junction Box	C - 208v 30 Amps
	D - 208v Junction Box

Cooling Capacity
09 - 9,500 BTUH
12 - 12,000 BTUH

Model Type
EB - Singer, McQuay

Functional Options	Functional Option Codes
A- None	A- A L- BD
B- Motorized Damper	B- B T- C
C- Fan Cycle Switch	C- BC U- CD
D- Indoor Freeze Protect	D- BCD 2- D

\*Codes are entered into model number.

Component
EZ - Cooling Chassis

System Type
E - Std. Chassis

Identity Code
0 - Special
4 - Standard

**EZ 12 E 2 EB A 1 N 1 4 A A**

Heating Options
A - None Cooling Only
B - 2.5 Kw Elec. Heat (208V-277V)
C - 3.6 Kw Elec. Heat (208V-277V)
D - 4.2 Kw Elec. Heat (208V-277V)
E - 5.0 Kw Elec. Heat (230V-277V)
F - Hyd. Fan Cycle W/T-Stat (115V-277V)
G - Hyd. with Aquastat (115V-277V)
H - Hyd. W/2.5 Kw B.U. Heat (208V-277V)
I - Hyd. W/3.6 Kw B.U. Heat (208V-277V)

Hydronic Options
1 - None
2 - 24v NC Valve
3 - 115v NC Valve
4 - 230v NC Valve
5 - 277v NC Valve
6 - 24v NO Valve
7 - 115v NO Valve
8 - 230v NO Valve
9 - 277v NO Valve

Room Controls
N - Standard Electronic Controls (Remote T-Stat)
S - Digital Controls (Unit Mounted)

Return/Discharge Options
1 - Bot. Ret./Top Dis.

Power Mgt. Options	Power Mgt. Codes
A- None	A- A
B- Power Disconnect	B- B

\*Codes are entered into model number.



### MODELS

	EZ07				EZ09				EZ12				EZ15			EZ18		
<b>VOLTS</b>	N/A	N/A	N/A	N/A	115	230	208	277	115	230	208	277	N/A	N/A	N/A	N/A	N/A	N/A
<b>BTUH</b>	N/A	N/A	N/A	N/A	9,500	9,500	9,300	9,500	12,200	12,200	12,000	12,200	N/A	N/A	N/A	N/A	N/A	N/A
<b>COOLING</b>																		
<b>AMPS</b>	N/A	N/A	N/A	N/A	8.1	4.0	5.0	3.2	10.9	5.1	6.3	4.1	N/A	N/A	N/A	N/A	N/A	N/A
<b>WATTS</b>	N/A	N/A	N/A	N/A	951	917	951	888	1214	1180	1214	1145	N/A	N/A	N/A	N/A	N/A	N/A
<b>COOLING</b>																		
<b>EER</b>	N/A	N/A	N/A	N/A	9.9	10.3	9.9	10.6	10.0	10.3	9.9	10.7	N/A	N/A	N/A	N/A	N/A	N/A
<b>CFM HIGH</b>	N/A	N/A	N/A	N/A	420	400	400	420	460	440	440	460	N/A	N/A	N/A	N/A	N/A	N/A
<b>CFM LOW</b>	N/A	N/A	N/A	N/A	280	260	260	280	280	260	260	280	N/A	N/A	N/A	N/A	N/A	N/A

Heating Option	Voltage (1)	Wattage	B.T.U.s (2)	Amps (3)
B	208	2,050	7,000	10.46
	230	2,500	8,535	11.47
	277	2,500	8,535	9.63
C	208	2,950	10,070	14.78
	230	3,600	12,290	16.25
	277	3,600	12,290	13.60
D	208	3,433	11,720	17.10
	230	4,200	14,330	18.86
	277	4,200	14,330	15.76
E	208	4,100	14,000	20.31
	230	5,000	17,070	22.34
	277	5,000	17,070	18.65

(1) Voltage is Single Phase, Alternating Current and R.M.S. (2) Heating Capacity (B.T.U./Hr.) based on indoor blower motor and heating elements. (3) Amp values are a combination of indoor blower motor and heating elements.

Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number	Electrical Heat Options
115	16		NEMA 5-20R	N/A
208/230	12		NEMA 6-15R	N/A
208/230	16		NEMA 6-20R	2.5 - 3.6
208/230	24		NEMA 6-30R	4.2 - 5.0
277	16		NEMA 7-20R	2.5 - 5.0

Heating capacities specified in accordance with ARI standard 380-82 at conditions of 47 F WB outdoor and 70 F DB/60 F WB indoor. Wattage, Amperage, COP, EER listings include compressor, evaporator motor and condenser fan motor. Cooling capacities specified in accordance with ARI standard 380-82 at conditions of 95 F DB/75 F WB outdoor and 80 F DB/67 F WB indoor.

