

Islandaire EZ Series EK is a replacement for the Singer and McQuay models of EK units. Our commercial duty construction with heavy gauge galvanized steel and superior components create an efficient, reliable unit. This 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! If the need does occur where the wall sleeve-cabinet front panel and/or louver needs to be replaced, we manufacture these accessories as well.



FEATURES

- Proudly Assembled in the U.S.A.
- ETL listed products
- Superior Energy Efficiency Ratios (EERs)
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- Designed for exact replacement of existing sleeve opening
- Energy Efficient Rotary Compressors
- P.S.C. Evaporator and Condenser Motors
- High-Efficiency Refrigeration Coils Used to Provide Superior Heat Transfer
- Units Available as Cooling only, Cooling with Electric Heat, Cooling with Hydronic Heat, or Heat Pumps
- Custom Options Available
- Available with wired or wireless wall thermostats
- NYC MEA Number 358-93-E Vol. II

Voltage/Line Cord

- | | |
|-------------------------|-----------------------|
| 1 - 115v, 20 Amps | 6 - 115v, Hard Wire |
| 2 - 208/230v, 20 Amps | 7 - 277v, 20 Amps |
| 3 - 208/230v, 30 Amps | 8 - 277v, Hard Wire |
| 4 - 208/230v, Hard Wire | 9 - 208/230v, 15 Amps |
| 5 - 115v, 15 Amps | |

Cooling Capacity

- 07 - 7,500 BTU
- 09 - 9,500 BTU
- 12 - 12,000 BTU
- 15 - 15,000 BTU

Return/Discharge Options

- 1 - Bot. Ret./Top Dis.
- 3 - Bot. Ret./Ducted Top Dis.
- 4 - Front Ret./Top Dis.
- 6 - Front Ret./Ducted Top Dis.

Functional Options

- A - None
- B - Motorized Fresh Air Damper
- C - Fan Cycle Switch
- D - Indoor Freeze Protect
- E - Winter Operation
- F - Hi Pressure Cut Out

*Codes are entered into model number.

Functional Option Codes*

- | | | |
|-----------|----------|---------|
| A - A | M - BDE | Y - CE |
| B - B | N - BDEF | Z - CEF |
| C - BC | P - BDF | 1 - CF |
| D - BCD | Q - BE | 2 - D |
| E - BCDE | R - BEF | 3 - DE |
| F - BCDEF | S - BF | 4 - DEF |
| G - BCDF | T - C | 5 - DF |
| H - BCE | U - CD | 6 - E |
| J - BCEF | V - CDE | 7 - EF |
| K - BCF | W - CDEF | 8 - F |
| L - BD | X - CDF | |

Component

EZ - Cooling Chassis

System Type

- K - Std. Chassis R32
- L - Heat Pump R32

Model Type

EK - Singer, McQuay EK

Identity Code

- 0 - Special
- 4 - Standard

EZ 12 L 2 EK A 1 E 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 (208v - 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)
- Z - Hyd. W/1.3 kW B.U. Heat (115v)

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
- A - Line Volt NO/NC Switch
- B - 24v NO/NC Switch

Room Controls

- E - Wireless Thermostat (specify type when ordering)
- F - Wall Thermostat Interface, Master
- G - Wall Thermostat Interface, Slave
- K - None
- N - Wall Thermostat Interface, Std. Elect. Cntrlr
- S - Std. Electronic Controls (Unit Mounted)

Power Mgt. Options

- A - None
- B - Power Disconnect
- C - Energy Mgt. N/O
- D - Energy Mgt. N/C
- E - Emerg. Power 115v
- F - Emerg. Power 230v
- G - Emerg. Power 277v

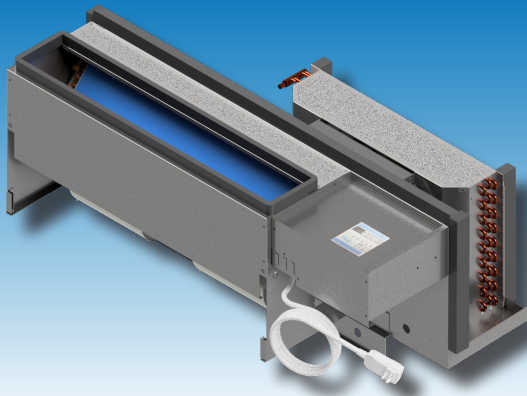
*Codes are entered into model number.

Power Mgt. Codes*

- | | |
|---------|--------|
| A - A | N - BG |
| B - B | P - C |
| C - BC | Q - CE |
| D - BCD | R - CF |
| E - BCF | S - CG |
| F - BCG | T - D |
| G - BD | U - DE |
| H - BDE | V - DF |
| J - BDF | W - DG |
| K - BDG | X - E |
| L - BE | Y - F |
| M - BF | Z - G |

*Specifications are subject to change due to ongoing product development.

6140575 Rev. - (08/07/25)



MODELS

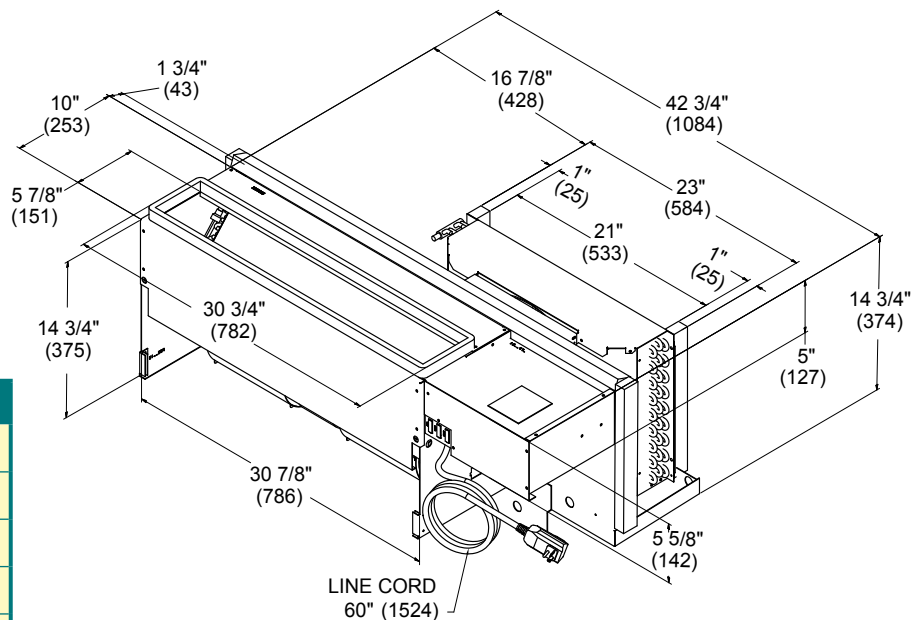
	EZ07			EZ09			EZ12			EZ15	
VOLTS	115	208 / 230	277	115	208 / 230	277	115	208 / 230	277	208 / 230	277
BTUH COOL	7,000	6,800 / 7,000	7,000	9,000	9,300 / 9,500	9,000	12,000	11,800 / 12,000	12,000	14,300 / 14,500	15,000
AMPS COOL	5.13	2.74 / 2.57	2.13	6.87	3.99 / 3.70	2.87	9.96	5.43 / 5.02	4.17	7.09 / 6.54	5.70
WATTS COOL	590	570 / 590	590	790	830 / 850	795	1,145	1,130 / 1,155	1,155	1,475 / 1,505	1,580
EER	11.9	11.9 / 11.8	11.9	11.4	11.2 / 11.2	11.3	10.5	10.5 / 10.4	10.4	9.7 / 9.7	9.5
CFM HIGH*	350	350 / 350	350	350	350 / 350	350	400	400 / 400	400	450 / 450	450
CFM LOW*	280	280 / 280	280	280	280 / 280	280	350	350 / 350	350	400 / 400	400
BTUH HEAT	6,400	6,100 / 6,400	6,000	8,500	8,300 / 8,500	8,000	11,000	10,800 / 11,000	11,000	13,200 / 13,600	14,000
WATTS HEAT	570	540 / 435	535	710	745 / 585	715	920	1,010 / 780	1,030	1,285 / 1,335	1,380
C.O.P.	3.3	3.3 / 4.3	3.3	3.5	3.3 / 4.3	3.3	3.5	3.1 / 4.1	3.1	3.0 / 3.0	3.0

*CFM values are dry coil (not in cooling mode).

Heating Option	Voltage ⁽¹⁾	Wattage	BTU/h	Amps ⁽²⁾
B	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
	277	2,500	8,500	9.03
C	208	2,945	10,100	14.16
	230	3,600	12,300	15.65
	277	3,600	12,300	13.00
D	208	3,435	11,700	16.51
	230	4,200	14,300	18.26
	277	4,200	14,300	15.16
E	208	4,090	14,000	19.66
	230	5,000	17,100	21.74
	277	5,000	17,100	18.05
H	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
	277	2,500	8,500	9.03
I	208	2,945	10,000	14.15
	230	3,600	12,300	15.65
	277	3,600	12,300	13.00
Z	115	1,300	4,400	11.30

Where applicable, cooling capacities are specified at conditions of 95 °F DB/75 °F WB (35 °C DB/24 °C WB) outdoor and 80 °F DB/67 °F WB (27 °C DB/19 °C WB) indoor and heating capacities are specified at conditions of 47 °F DB/43 °F WB (8 °C DB/6 °C WB) outdoor and 70 °F DB/60 °F WB (21 °C DB/16 °C WB) indoor in accordance with AHRI 310/380 and CSA C744 standards. Wattage, Amperage, EER, and COP listings include compressor, evaporator motor and condenser fan motor. The above ratings are a typical heat pump style unit.

- (1) Voltage is Single Phase, Alternating Current and R.M.S.
(2) Amp values are for heating element only.



Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number	Electrical Heat Options
115	12		NEMA 5-15R	1.3
115	16		NEMA 5-20R	1.7
208/230	12		NEMA 6-15R	2.5
208/230	16		NEMA 6-20R	3.6
208/230	24		NEMA 6-30R	4.2 - 5.0
277	16		NEMA 7-20R	2.5 - 4.2
277	24		NEMA 7-30R	5.0



Scan for more information