

Replacement for the Ice-Cap RSK

Islandaire EZ Series RA is a replacement for the Ice-Cap unit. 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, hydronic coil, and/or louver needs to be replaced, we manufacture these accessories as well.



FEATURES

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

Voltage/Line Cord

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

Cooling Capacity

- 07 - 7,500 BTU
09 - 9,500 BTU
12 - 12,000 BTU
16 - 15,000 BTU

Return/Discharge Options

- 1 - Bot. Ret./Top Dis.
4 - Front Ret./Top Dis.

Functional Options

- A - None
B - Motorized Damper
C - Fan Cycle Switch
D - Indoor Freeze Protect

Functional Option Codes*

- | | |
|---------|--------|
| A - A | L - BD |
| B - B | T - C |
| C - BC | U - CD |
| D - BCD | 2 - D |

*Codes are entered into model number.

Component
EZ - Cooling Chassis

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

Model Type
RA - Ice-Cap

Identity Code
0 - Special
5 - Standard

EZ 12 L 2 RA A 1 A 1 5 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)
Y - 1.3 kW Elec. Heat (115v Only)

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

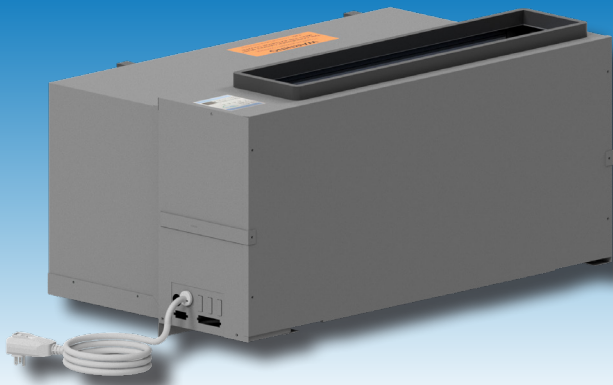
Room Controls

- A - Push Button Controls (MCO)
C - Wall Thermostat Interface, Relays
E - Wireless Thermostat (specify type when ordering)
F - Wall Thermostat Interface, Master
G - Wall Thermostat Interface, Slave
K - None
M - Wall Thermostat Interface, Intellitemp
N - Wall Thermostat Interface, Std. Elect. Cntrl
S - Std. Electronic Controls (Unit Mounted)
T - Intellitemp Controls (Unit Mounted)

Power Mgt. Options
A - None

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

6140604 Rev. - (11/25/24)



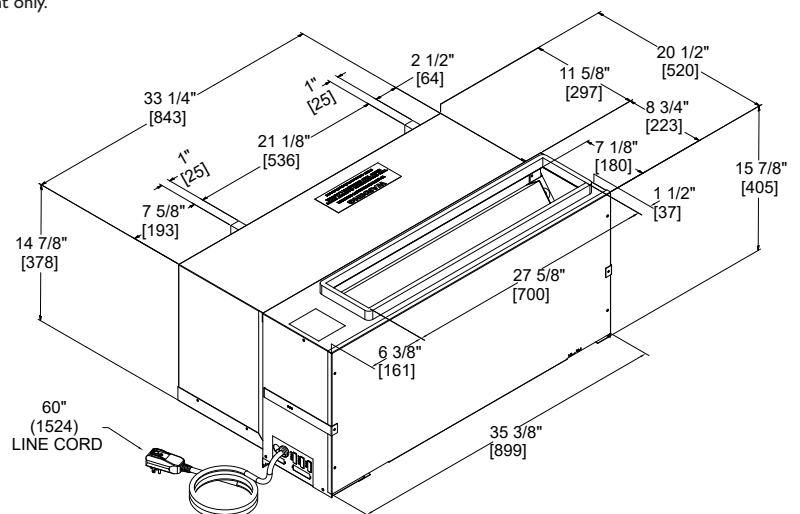
MODELS

	EZ07			EZ09			EZ12			EZ15	
VOLTS	115	230	277	115	230	277	115	230	277	230	277
BTUH COOL	7,000	7,000	7,000	9,200	9,200	9,400	11,800	12,000	11,500	14,500	14,500
AMPS	6.48	3.24	2.69	8.87	4.39	3.77	12.22	5.5	4.89	7.89	6.62
WATTS COOL	745	745	745	1,020	1,010	1,045	1,405	1,265	1,355	1,815	1,835
EER	9.4	9.4	9.4	9.0	9.1	9.0	8.4	9.5	8.5	8.0	7.9
CFM HIGH COOL/HEAT	400	400	400	400	400	400	420	420	420	500	500
CFM LOW COOL/HEAT	260	260	260	260	260	260	350	350	350	400	400
BTUH HEATING	6,800	6,800	6,800	9,000	8,800	9,000	11,500	11,000	11,500	13,500	13,500
WATTS HEATING	710	710	710	975	955	975	1295	1150	1205	1520	1520
C.O.P.	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.8	2.6	2.6

Heating Option	Voltage (V)	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	3,625	12,400	13.09
I	208	2,945	10,000	14.15
	230	3,600	12,300	15.65
	277	5,220	17,800	18.85
Y	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.



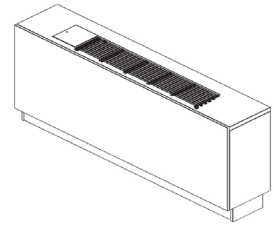
Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number	Electrical Heat Options
115	12		NEMA 5-15R	1.3
115	16		NEMA 5-20R	1.7
208/230	12		NEMA 6-15R	2.5
208/230	16		NEMA 6-20R	3.6
208/230	24		NEMA 6-30R	4.2 - 5.0
277	16		NEMA 7-20R	2.5 - 4.2
277	24		NEMA 7-30R	5.0

EZ SERIES RA

Unit Accessories

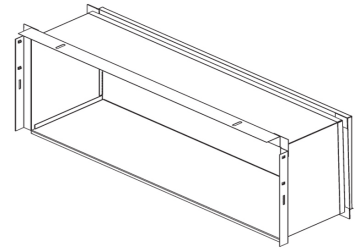
ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	EZRA Enclosure Assembly Custom colors and sizes are available (consult factory).	50 lbs.	various	various	various



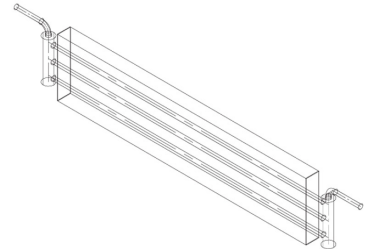
WALL SLEEVES

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	EZRA Wall Sleeve Assembly	15 lbs.	various	various	various



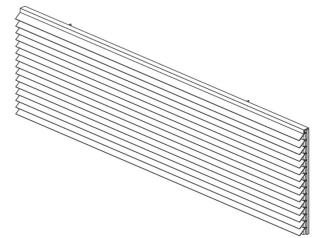
HYDRONIC COILS

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6030178	EZRA Hydronic Coil, Opposite End Piping	20 lbs.	36.00"	6.00"	1.344"
6030151	EZRA Hydronic Coil, Same End Piping	20 lbs.	36.00"	6.00"	1.407"
6030203	EZRA Hydronic Coil, Top Mount Kit	25 lbs.	36.00"	6.00"	1.344"



LOUVERS

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6070219	EZRA Exterior Architectural Louver, Standard	10 lbs.	1.063"	36.188"	15.150"
6070273	EZRA Louver, 42° Pitch	10 lbs.	1.063"	36.188"	15.150"



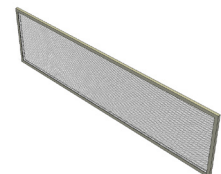
THERMOSTATS

PART NUMBER	DESCRIPTION	APPROX. WT.	FEATURES		
			CONNECTION	STAGE	DISPLAY
6041206	Islandaire Non-Programmable, 2 Fan Speed	1.0 lbs.	Wireless	Single	Horizontal
6041210	Islandaire Programmable, 2 Fan Speed	1.0 lbs.	Wireless	Single	Horizontal
6041228	Islandaire Programmable (7 Day/5-1-1 Day/Non-Programmable), Two Fan Speed	1.0 lbs.	Wired	Single	Horizontal
6041373	Islandaire Wireless, WiFi Programmable	1.0 lbs.	Wireless	Single	Horizontal



FILTERS

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080000	EZRA Standard Aluminum Filter	2 lbs.	0.25"	30.75"	8.50"



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