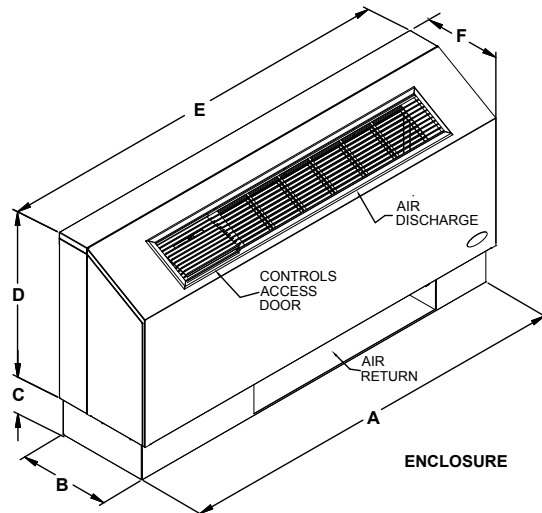


Console Water Source Heat Pump Replaces McQuay, Singer and Waterfurnace

Islandaire "The Perfect Fit" units are designed to exactly replace the original, existing chassis! No field modification kits or builder renovations are required. Islandaire units are designed for optimal efficiency and reliability.

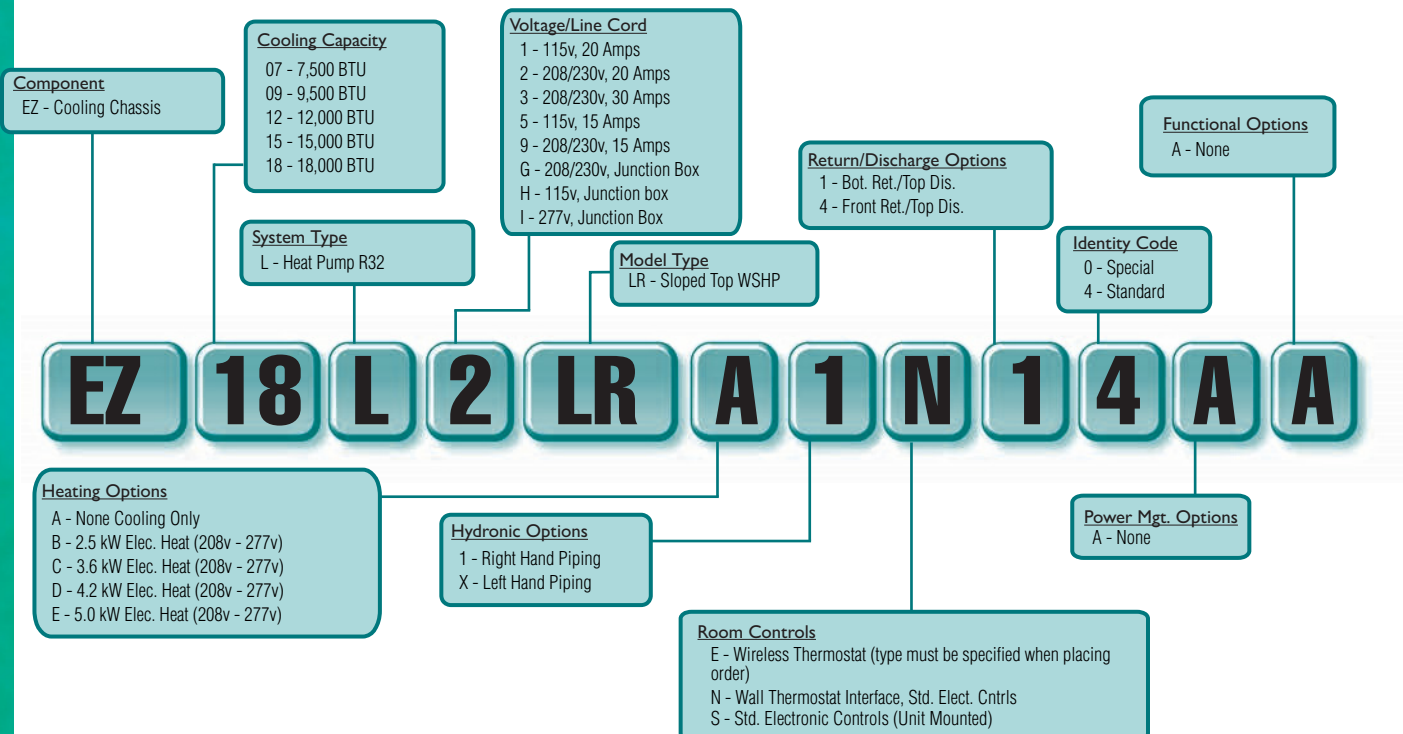
This appliance is intended for new construction or replacement of EZ Series LR water source heat pumps. Please confirm that the electrical rating of this appliance matches the electrical supply available before beginning installation.



Cabinet Size (KBTU)	A	B	C	D	E	F
07 - 12	47.00	12.00	3.00	21.75	48.00	13.00
15 - 18	52.125	12.00	3.00	21.75	53.13	13.00

Features:

- Proudly Assembled in the U.S.A.
- Piping can be field-reversed (left-to-right/right-to-left)
- Superior energy efficient ratio (EER)
- High efficiency coaxial condenser coil
- High efficiency evaporator coil
- Commercial duty construction with heavy gauge galvanized steel
- High pressure protection
- Compressor and water circuit freeze protection
- Refrigerant circuit access ports
- 30° Sloped Top Design
- Quiet operation
- Controls/electrical connections on left side of unit
- Float Switch provided as standard equipment



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

6140580 Rev. - (11/21/24)

ENVIRONMENTALLY
SOUND
REFRIGERANT



Slide the old unit out, slide
"The Perfect Fit" Islandaire unit in!
No Renovations!

MODELS

	EZ07			EZ09			EZ12			EZ15		EZ18	
VOLTS	115	208/230	277	115	208/230	277	115	208/230	277	208/230	277	208/230	277
BTUH COOL	8,100	7,900/8,100	8,100	9,300	9,100/9,300	9,300	12,200	12,000/12,200	12,200	14,800/15,000	15,000	18,800/19,000	19,000
AMPS COOL	5.04	2.72/2.52	2.09	6.00	3.25/3.00	2.49	7.78	4.23/3.89	3.23	5.31/4.87	4.04	6.80/6.22	5.162
WATTS COOL	580	565/580	580	690	675/690	690	895	880/895	895	1,105/1,120	1,120	1,415/1,430	1,430
EER	14.0	14.0/14.0	14.0	13.5	13.5/13.5	13.5	13.6	13.6/13.6	13.6	13.4/13.4	13.4	13.3/13.3	13.3
CFM HIGH ⁽¹⁾ (m3/min)	420 (11.9)	410 (11.6)/ 420 (11.9)	420 (11.9)	420 (11.9)	410(11.6)/ 420 (11.9)	420 (11.9)	460 (13.0)	450 (12.7)/ 460 (13.0)	460 (13.0)	450 (12.7)/ 460 (13.0)	460 (13.0)	535 (15.1)/ 545 (15.4)	545 (15.4)
CFM LOW ⁽¹⁾ (m3/min)	280 (7.9)	270 (7.6)/ 280 (7.9)	280 (7.9)	280 (7.9)	270 (7.6)/ 280 (7.9)	280 (7.9)	320 (9.1)	310 (8.8)/ 320 (9.1)	320 (9.1)	370 (10.5)/ 380 (10.8)	380 (10.8)	390 (11.0)/ 400 (11.3)	400 (11.3)
GPM (L/min)	2 (7.6)	2 (7.6)/2 (7.6)	2 (7.6)	2 (7.6)	2 (7.6)/2 (7.6)	2 (7.6)	3 (11.4)	3 (11.4)/ 3 (11.4)	3 (11.4)	3.8 (14.4)/ 3.8 (14.4)	3.8 (14.4)	4.6 (17.4)/ 4.6 (17.4)	4.6 (17.4)
C.O.P.	4.6	4.6/4.6	4.6	4.5	4.5/4.5	4.5	4.6	4.6/4.6	4.6	4.6/4.6	4.6	4.5/4.5	4.5
BTUH HEATING	9,600	9,400/9,600	9,600	12,000	11,800/12,000	12,000	15,000	14,800/15,000	15,000	17,700/17,900	17,900	21,900/22,100	22,100
AMPS HEATING	5.30	2.88/2.65	2.20	6.78	3.70/3.39	2.82	8.30	4.54/4.15	3.45	5.41/4.96	4.12	6.85/6.26	5.199
WATTS HEATING	610	600/610	610	780	770/780	780	955	945/955	955	1,125/1,140	1,140	1,425/1,440	1,440
SOUND LVL (dBA) ⁽²⁾	48	48	48	51	51	51	53	53	53	57	57	64	64
WEIGHT, LB. (kg)	85 (39)	85 (39)	85 (39)	90 (41)	90 (41)	90 (41)	95 (43)	95 (43)	95 (43)	100 (45)	100 (45)	108 (49)	108 (49)

⁽¹⁾ CFM values are dry coil (not in cooling mode).

⁽²⁾ Sound values represent sound pressure levels.

Heating Option	Voltage ⁽³⁾	Wattage	BTU/h	Amps ⁽⁴⁾
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

⁽³⁾ Voltage is Single Phase, Alternating Current and R.M.S.

⁽⁴⁾ Amp values are for heating element only.

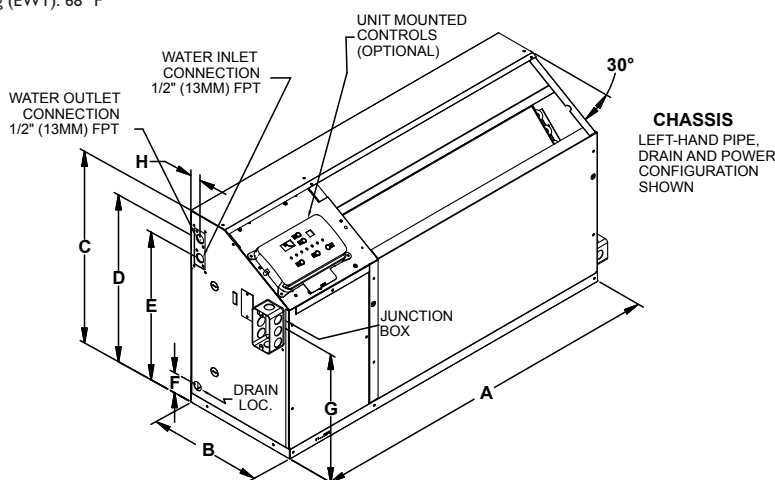
Notes: Data based on AHRI/ASHRAE/ISO 13256-1:

Cooling (EAT): 80.6 °F DB/66.2 °F WB
Cooling (EWT): 86 °F

Heating (EAT): 68 °F DB/59 °F WB
Heating (EWT): 68 °F

Water Loop Operation

Cooling LWT - EWT = 10 °F
Heating EWT - LWT = 10 °F



Unit Size (KBTU)	A	B	C	D	E	F	G	H
07 - 12	37.25	12.0	20.0	17.5	15.5	2.0	13.5	1.0
15 - 18	42.375	12.0	20.0	17.5	15.5	2.0	13.5	1.0

HOSE KITS

PART NUMBER	DESCRIPTION	PART NUMBER.	DESCRIPTION
4091501	Hose Kit, 1/2", 2.00 GPM, 18"L	4091758	Hose Kit, 1/2", 4.00 GPM, 18"L
4091683	Hose Kit, 1/2", 2.00 GPM, 18"L, w/Strainer	4091759	Hose Kit, 1/2", 4.00 GPM, 18"L, w/Strainer
4091261	Hose Kit, 1/2", 2.00 GPM, 24"L	4091760	Hose Kit, 1/2", 4.00 GPM, 24"L
4091669	Hose Kit, 1/2", 2.00 GPM, 24"L, w/Strainer	4091761	Hose Kit, 1/2", 4.00 GPM, 24"L, w/Strainer
4091576	Hose Kit, 1/2", 3.00 GPM, 18"L	4091766	Hose Kit, 1/2", 4.50 GPM, 18"L
4091685	Hose Kit, 1/2", 3.00 GPM, 18"L, w/Strainer	4091767	Hose Kit, 1/2", 4.50 GPM, 18"L, w/Strainer
4091577	Hose Kit, 1/2", 3.00 GPM, 24"L	4091768	Hose Kit, 1/2", 4.50 GPM, 24"L
4091671	Hose Kit, 1/2", 3.00 GPM, 24"L, w/Strainer	4091769	Hose Kit, 1/2", 4.50 GPM, 24"L, w/Strainer



MOTORIZED VALVES

PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES		
			VOLTAGE	TYPE	INLET
6041215	Actuator, 24 Vac, Normally Closed	1.0 lbs.	24 Vac	NC	N/A
6041256	Actuator, 24 Vac, Normally Open	1.0 lbs.	24 Vac	NO	N/A
6041214	Valve Body, 1/2" Thread, NPT	1.0 lbs.	N/A	N/A	NPT



SUBBASES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4010290	SUBBASE, LR, SMALL, NO VENT	XX lbs.	XX"	XX"	XX"
4010291	SUBBASE, LR, LARGE, NO VENT	XX lbs.	XX"	XX"	XX"
4010232	SUBBASE, LR, SMALL, VENT, 115V	17 lbs.	XX"	XX"	XX"
4010216	SUBBASE, LR, SMALL, VENT, 230V	17 lbs.	XX"	XX"	XX"
4010217	SUBBASE, LR, SMALL, VENT, 277V	17 lbs.	XX"	XX"	XX"
4010213	SUBBASE, LR, LARGE, VENT, 115V	16 lbs.	XX"	XX"	XX"
4010214	SUBBASE, LR, LARGE, VENT, 230V	16 lbs.	XX"	XX"	XX"
4010215	SUBBASE, LR, LARGE, VENT, 277V	16 lbs.	XX"	XX"	XX"

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



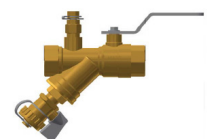
FILTERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080010	EZLR Aluminum Filter, Standard	2 lbs.	0.250"	28.812"	8.000"



OTHER OPTIONS

PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES
6041223	Strainer, 1/2" Dia. Hose Kit	1.0 lbs.	Use with 1/2" dia. Hose Kit



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