

Vertical Water Source Heat Pump Replaces Singer/McQuay HC/EH and ElectroHydronic Units

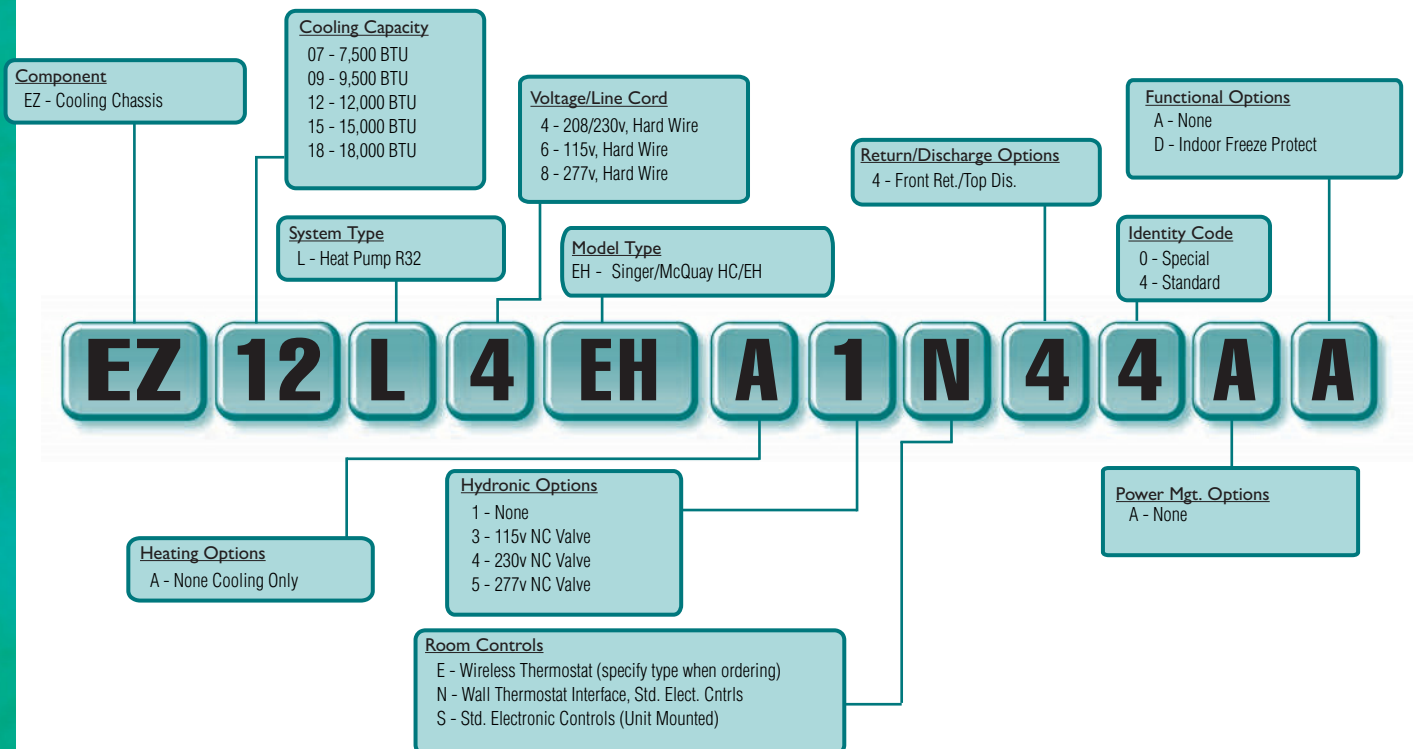
Islandaire "The Perfect Fit" units are designed to exactly replace the original, existing chassis! No field modification kits or builder renovations are required. Islandaire units are designed for optimal efficiency and reliability. This unit has the same connection locations, and by using the existing blower section and existing cabinet, time and money is saved! **MUST ORDER UNIT COMPLETE!**

This appliance is intended for new construction or replacement of Singer, McQuay and ElectroHydronic EH water source heat pumps. Please confirm that the electrical rating of this appliance matches the electrical supply available before beginning installation.



Features:

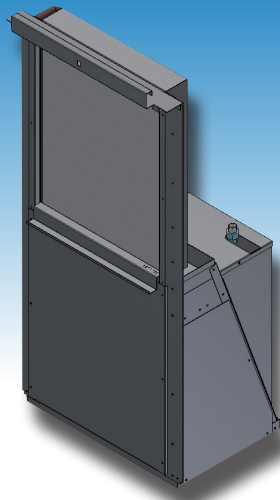
- Proudly Assembled in the U.S.A.
- Superior Energy Efficiency Ratio (EER)
- High efficiency coaxial condenser coil
- High efficiency evaporator coil
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- High pressure protection
- Compressor and water circuit freeze protection
- Refrigerant circuit access ports
- Blower assembly, control module or remote available
- Power Disconnect Switch
- Available with optional Float Switch



Room Cabinet Not Available.

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

6140574 Rev. - (11/20/24)



Slide the old EH 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	5.16
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 (m³/min) HIGH ⁽¹⁾	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 (m³/min) LOW ⁽¹⁾	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)	3.8 (14.4)	3.8 (14.4)	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	5.20
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.

Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number
115	16		NEMA 5-20R
208/230	12		NEMA 6-15R
208/230	16		NEMA 6-20R
208/230	24		NEMA 6-30R
277	16		NEMA 7-20R

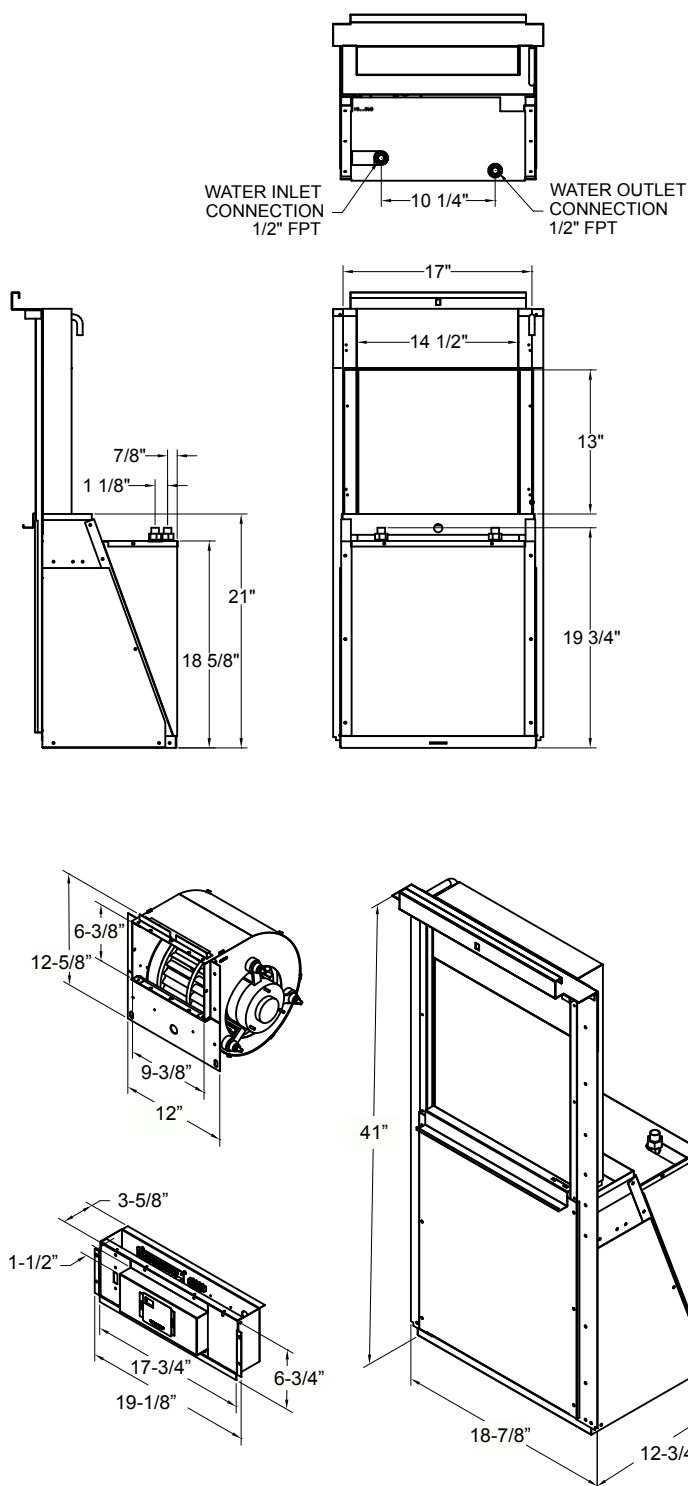
Notes:

1) 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

2) Water Loop Operation

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



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



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
6080049	EZEH Pleated Filter, Standard, MERV 8	2 lbs.	0.250"	20.000"	16.000"



**Ask your salesman about
our DR. PTAC option!***

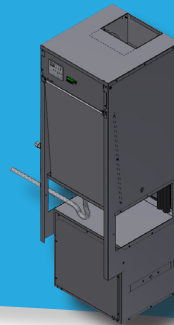


*100% conditioned
fresh air

EZ Series VH Unit Available

Vertical Water Source Hybrid Heat
Pump, Replacement For:

CGC InnKeeper/HomeKeeper



Scan for more information

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Locally Represented By: