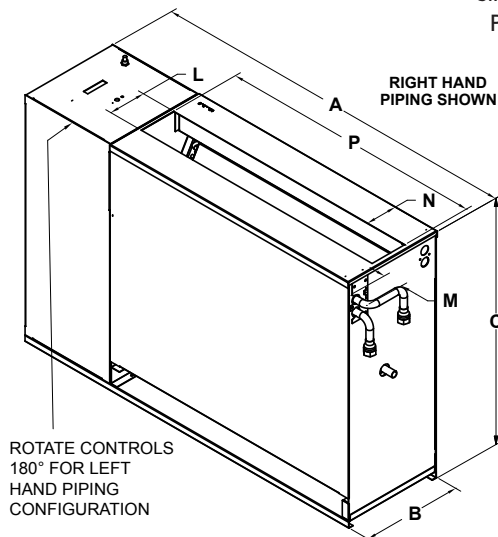


Console Water Source Heat Pump Replaces McQuay and Singer

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 ability to have the piping and the controls "reversed" in the field. If you order the wrong side for piping and controls, no problem. Just reverse them in the field saving time and money.

This appliance is intended for new construction or replacement of McQuay and Singer 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.
- Piping/controls 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
- Float Switch provided as standard equipment

Unit Size (KBTU)	A	B	C	D	E	F	G	H	J	K	L	M	N	P
07 - 12	37.80	10.30	25.0	6.00	14.0	1.0	21.5	22.75	1.4	22.4	3.80	1.60	3.30	27.0
15 - 18	42.80	12.00	25.0	7.70	14.9	1.8	22.75	23.80	1.4	22.4	3.80	1.60	4.18	30.15

Component
EZ - Cooling Chassis

Cooling Capacity
07 - 7,500 BTU
09 - 9,500 BTU
12 - 12,000 BTU
15 - 15,000 BTU
18 - 18,000 BTU

System Type
L - Heat Pump R32

Voltage/Line Cord
1 - 115v, 20 Amps
2 - 208/230v, 20 Amps
3 - 208/230v, 30 Amps
5 - 115v, 15 Amps
9 - 208/230v, 15 Amps
G - 208/230v, Junction Box
H - 115v, Junction box
I - 277v, Junction Box

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

Functional Options
A - None

Model Type
WM - Singer WM

Identity Code
0 - Special
4 - Standard

EZ 12 L 2 WM A A 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 (208v - 277v)

Hydronic Options
1 - Left Hand Piping
X - Right Hand Piping
A - Line Volt NO/NC Switch
B - 24v NO/NC Switch
F - Coaxial Line Volt NO/NC Switch
G - Coaxial 24v NO/NC Switch

Hydronic Options Codes*
A - -1 H - X
B - 1A J - XA
C - 1B K - XB
D - 1F L - XF
E - 1G M - XG
F - 1AF N - XAF
G - 1BG P - XBG

*Codes are entered into model number.

Room Controls

E - Wireless Thermostat (specify type when ordering)
N - Wall Thermostat Interface, Std. Elect. Cntrls
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

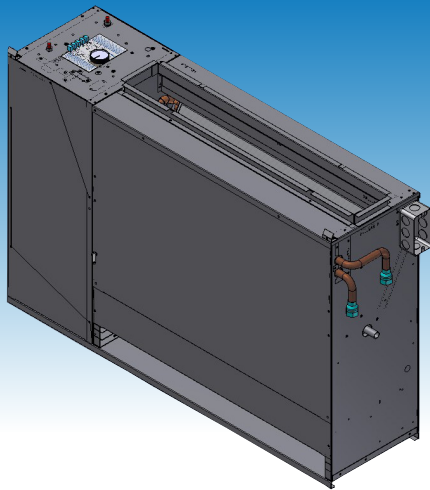
*Codes are entered into model number.

Power Mgt. Codes*

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

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

6140620 Rev. - (05/09/25)



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

ENVIRONMENTALLY
SOUND
REFRIGERANT



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 (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 (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 ⁽¹⁾	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

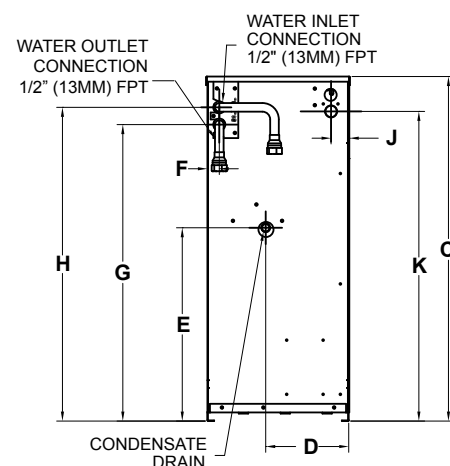
Heating (EWT): 68 °F

Water Loop Operation

Cooling LWT - EWT = 10 °F

Heating EWT - LWT = 10 °F

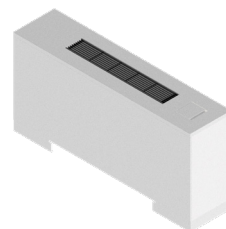
Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number
115	16		NEMA 5-20R
208/230	12		NEMA 6-15R
208/230	16		NEMA 6-20R
277	16		NEMA 7-20R



RIGHT HAND PIPING SHOWN
(See previous page for dimensions)

ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4080491-08	EZWM Enclosure Assembly, Large	40.0 lbs.	12.250"	54.625"	23.500"
4080500-08	EZWM Enclosure Assembly, Small	39.0 lbs.	12.250"	44.625"	23.500"



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



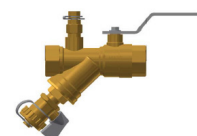
FILTERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080042	EZWM Alum. Filter, 07/09/12kBTU units,	2 lbs.	0.250"	27.500"	10.250"
6080045	EZWM Alum. Filter, 15/18kBTU units,	2 lbs.	0.250"	32.500"	12.000"



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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