

EZ SERIES LT

New construction 42 x 16 model

Islandaire EZ Series LT is our 42" x 16" new construction model. This unit is specifically designed for low noise transmission, with Outdoor-Indoor Transmission Class (OITC) rating of 28, and a Sound Transmission Class (STC) rating of 37. Our commercial duty construction with heavy gauge galvanized steel and superior components create an efficient reliable unit. The attached Sound Test Report covers all BTU/voltage capacities, controls and air patterns.

FEATURES:

- Whisper Quiet Tangential Wheel
- ETL listed products
- Superior Energy Efficiency Ratios (EERs)
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- Energy Efficient Rotary Compressors
- Fan Cycle Option Standard
- Indoor Freeze Protection Standard
- Hi Pressure Cutout Standard
- Units Available as Cooling only, Cooling with Electric Heat, Cooling with Hydronic Heat, Cooling with Heat Pump
- Custom Options Available
- Available with wired and wireless wall thermostats



System Type

- A - Std. Chassis R410A
- B - Heat Pump R410A

Voltage/Line Cord

- | | |
|---------------------|---------------------|
| 1 - 115v, 20 Amps | 6 - 115v, Hard Wire |
| 2 - 230v, 20 Amps | 9 - 230v, 15 Amps |
| 3 - 230v, 30 Amps | A - 208v, 15 Amps |
| 4 - 230v, Hard Wire | B - 208v, 20 Amps |
| 5 - 115v, 15 Amps | C - 208v, 30 Amps |
| | D - 208v, Hard Wire |

Functional Option Codes*

Functional Options

- A - None
- B - Motorized Fresh Air Damper
- D - Indoor Freeze Protect

- A - A
- B - B
- L - BD
- 2 - D

*Codes are entered into model number.

Model Type

- LT - Islandaire 42 x 16

Component

- EZ - Cooling Chassis

Cooling Capacity

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

Return/Discharge Options

- 4 - Front Ret./Top Dis.

EZ LT 12 A 2 A 1 E 4 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
- 4 - 230v NC Valve
- 6 - 24v NO Valve
- 8 - 230v NO Valve
- A - Line Volt NO/NC Switch
- B - 24v NO/NC Switch

Room Controls

- E - Wireless Thermostat (type must be specified when placing order)
- F - Wall Thermostat Interface, Master
- G - Wall Thermostat Interface, Slave
- N - Wall Thermostat Interface, Std. Elect. Cntrl
- S - Std. Electronic Controls (Unit Mounted)

Identity Code

- 0 - Special
- 5 - Standard

Power Mgt. Options

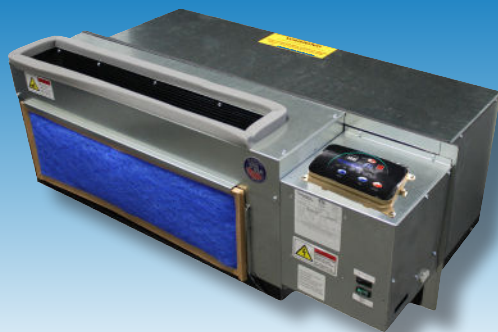
- A - None



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

6140328 07/22/20

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EZ SERIES **LT**

MODELS

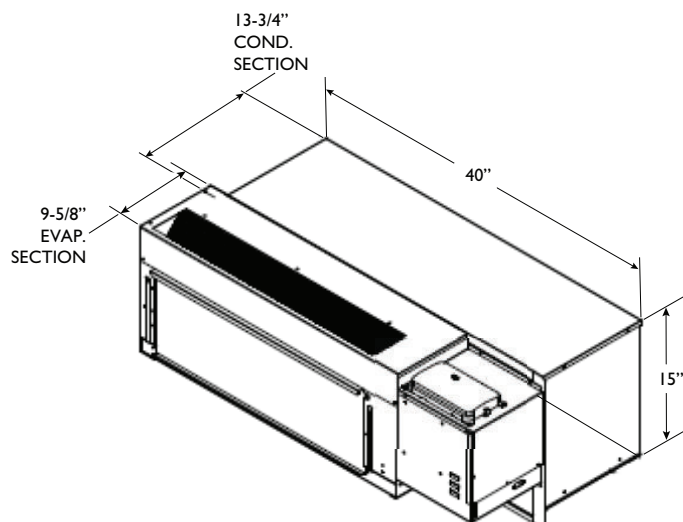
	EZ07			EZ09			EZ12			EZ16	
VOLTS	115	230	208	115	230	208	115	230	208	230	208
BTUH COOL	7,600	7,200	6,800	9,700	9,500	9,300	12,000	12,000	11,800	15,700	15,400
AMPS COOL	5.61	2.63	2.74	7.57	3.63	3.82	9.96	4.98	5.31	7.11	7.40
WATTS COOL	645	605	570	870	835	795	1,145	1,145	1,105	1,635	1,540
EER	11.78	11.90	11.90	11.15	11.40	11.70	10.50	10.50	10.70	9.60	10.00
CFM HIGH COOL	360	375	340	360	375	340	360	375	340	375	340
CFM LOW COOL/HEAT	260	260	240	260	260	240	260	260	240	260	240
BTUH HEATING	N/A	6,400	6,100	N/A	8,500	8,300	N/A	11,000	10,800	15,200	15,000
WATTS HEATING	N/A	560	535	N/A	710	685	N/A	950	900	1485	1465
C.O.P.	N/A	3.35	3.34	N/A	3.51	3.55	N/A	3.39	3.52	3.00	3.00

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
Y	115	1,300	4,400	11.30

Where applicable, cooling capacities are specified at conditions of 95 °F DB/75 °F WB outdoor and 80 °F DB/67 °F WB indoor and heating capacities are specified at conditions of 47 °F WB outdoor and 70 °F DB/60 °F 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.



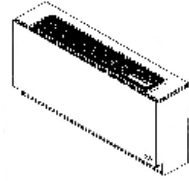
Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number	Electrical Heat Options
115	12		NEMA 5-15R	1.3
115	16		NEMA 5-20R	1.7
208/230	12		NEMA 6-15R	2.5
208/230	16		NEMA 6-20R	3.6
208/230	24		NEMA 6-30R	4.2 - 5.0
277	16		NEMA 7-20R	2.5 - 4.2
277	24		NEMA 7-30R	5.0



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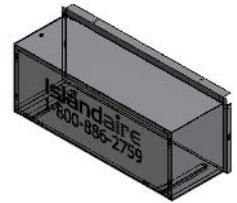
ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4083882-XX	EZLT Enclosure Assembly, Adj. Height (XX = paint code suffix)	50 lbs.	12.000"	52.000"	24.000" - 27.000"



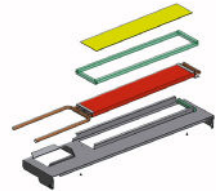
WALL SLEEVES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
2401101-XX	EZLT Wall Sleeve Assembly, Masonry (XX = paint code suffix)	38 lbs.	15.000"	42.000"	16.000"
2401166-XX	EZLT Wall Sleeve Assembly, Panel Wall (XX = paint code suffix)	38 lbs.	13.750"	42.000"	16.000"



HYDRONIC COILS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6030379	EZLT Hydronic Coil Assembly, Top Mount	10 lbs.	9.250"	43.768"	4.042"
6030381	EZLT Hydronic Coil, Top Mount	6 lbs.	0.866"	27.750"	5.000"



LOUVERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6070422	EZLT Exterior Architectural Louver, Standard	8 lbs.	1.125"	42.000"	16.000"



THERMOSTATS

PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES		
			CONNECTION	STAGE	DISPLAY
6041206	Islandaire Non-Programmable, Two Fan Speed	1.0 lbs.	Wireless	Single	Horizontal
6041210	Islandaire Programmable, Two Fan Speed	1.0 lbs.	Wireless	Single	Horizontal
6041211	Pro 1 Programmable/Non-Programmable, Two Fan Speed.	1.0 lbs.	Wired	Single	Horizontal



FILTERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080075	EZLT Aluminum Filter, Standard	2 lbs.	0.219"	28.563"	9.063"



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

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