

Low Ambient Heat Pump / VRF

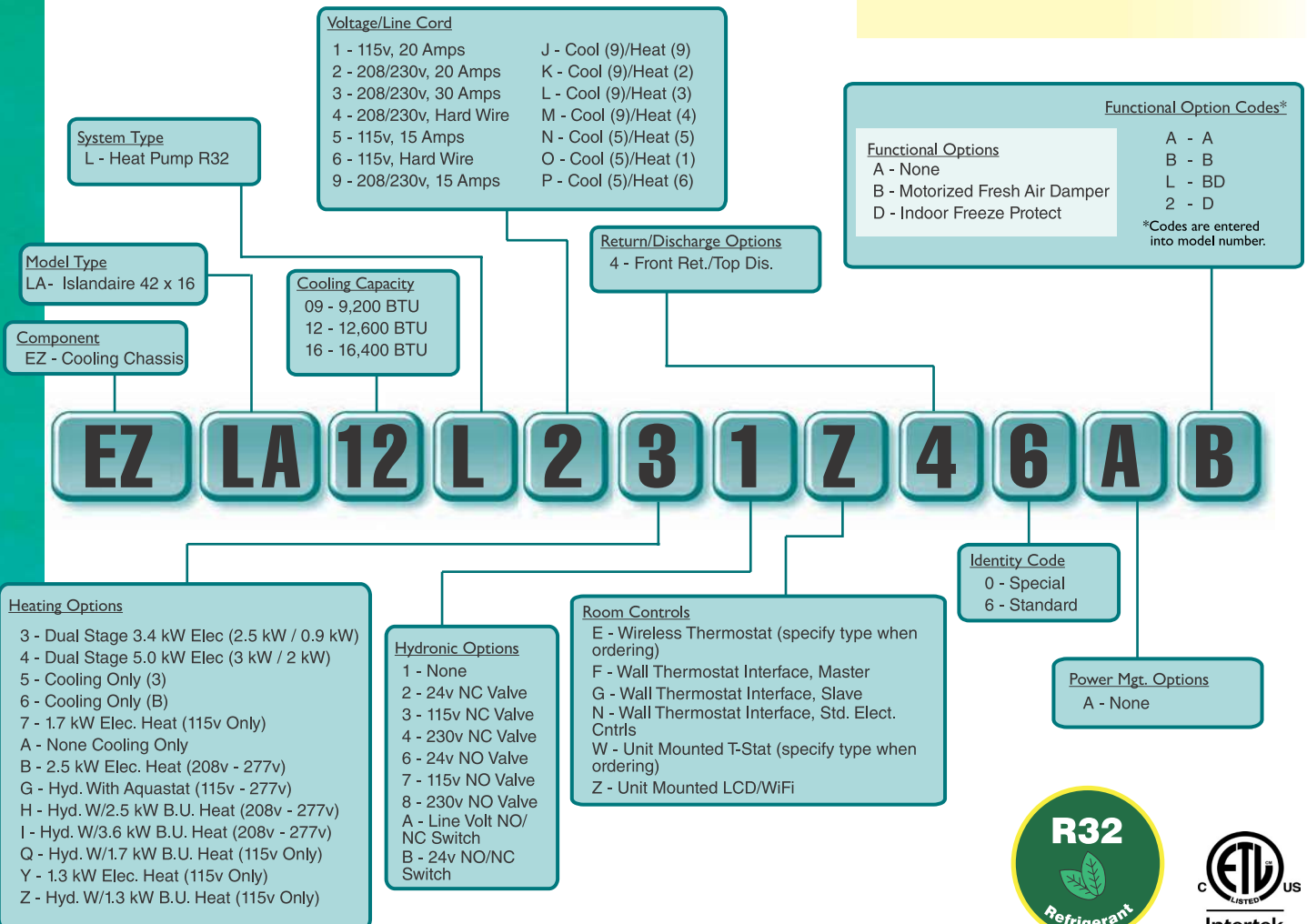
Islandaire EZLA "Low Ambient" Series is our 42" x 16", new construction, packaged terminal heat pump (PTHP). Its variable motor speed compressor provides variable refrigerant flow (VRF), rather than standard on/off operation. By operating at varying flow rates, VRF units work only at the needed capacity allowing for substantial energy savings under changing load conditions. The EZLA heat pump is specifically designed for colder climates where low ambient temperature operation is required.

In addition to the above, this unit has also been designed for low noise transmission, with an 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 and reliable unit.



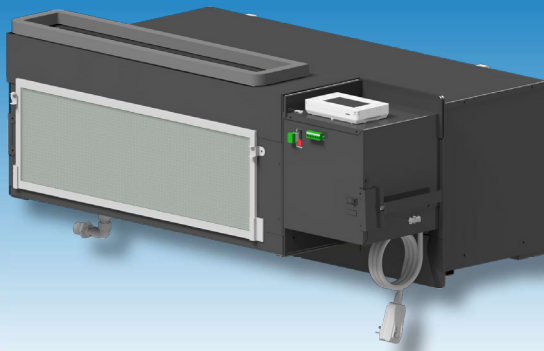
FEATURES:

- Proudly Designed and Engineered in the U.S.A.
- Whisper Quiet Tangential Wheel
- Superior Energy Efficiency Ratios (EERs) and Coefficient of Performances (COPs)
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- Enhanced Vapor Injection (EVI) Compressor
- Fan Cycle Option Standard
- Indoor Freeze Protection Standard
- Hi Pressure Cutout Standard
- Units Available as Cooling with Heat Pump; supplemental Electric Heat or Hydronic Heat options available
- Custom Options Available
- Available with wired and wireless wall thermostats



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

6140466 Rev - (02/28/25)



EZLA SERIES

EZLA Series Documentation List:

P/N	Document Title
6140466	Cut Sheet, EZLA Series
6140495	Manual, EZLA, Installation/Owners
6140538	Manual, EZLA, Unit Controller User

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.

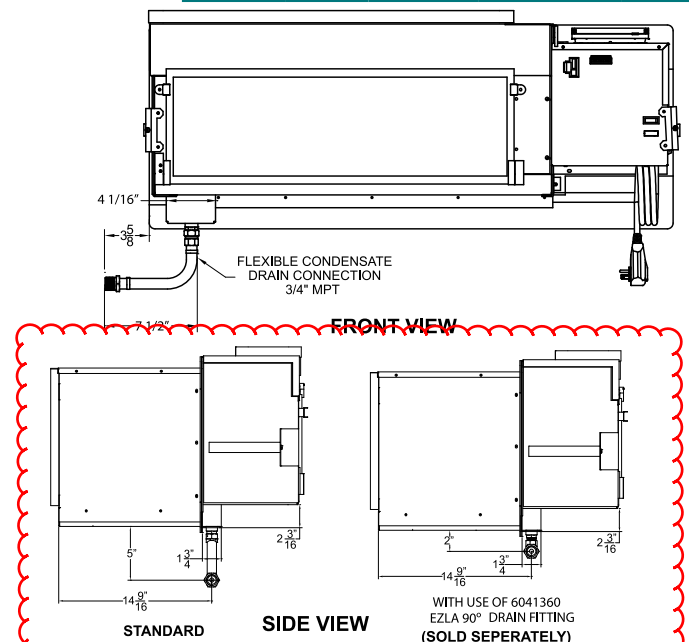
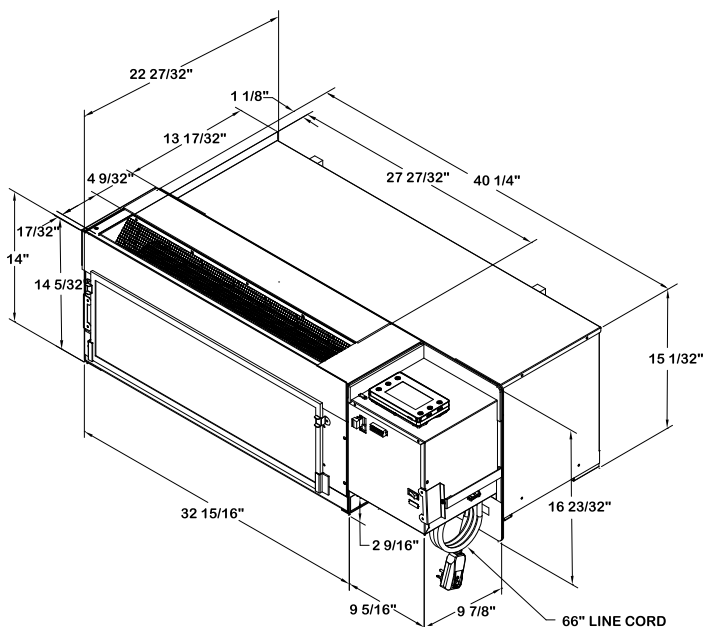
Heating Option	Voltage ⁽¹⁾	Wattage	BTU/h	Amps ⁽²⁾
3	208	2,780	9,500	13.37
	230	3,400	11,600	14.78
	277	3,600	12,300	13.00
4	208	4,090	14,000	19.66
	230	5,000	17,100	21.74
	277	5,000	17,100	18.05
B	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
	277	2,500	8,500	9.03
O	208	1,635	5,600	7.87
	230	2,000	6,800	8.70
	277	2,500	8,500	9.03

⁽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

MODELS					
	EZ09		EZ12		EZ16
Volts	115	208/230	115	208/230	208/230
Cooling Capacity (BTU/Hr)	9,600	9,600	12,000	12,000	16,000
Cooling Capacity Range (BTU/Hr)	6,300 - 11,800	6,300 - 11,800	6,500 - 14,900	6,500 - 14,900	7,300 - 18,000
EER	11.5	12.4	10.5	10.6	10.4
Heating Capacity (BTU/Hr)	10,000	10,000	13,000	13,000	16,500
Heating Capacity Range (BTU/Hr)	5,200 - 12,600	5,200 - 12,600	5,600 - 14,200	5,600 - 14,200	9,500 - 17,000
COP	3.4	3.6	3.4	3.4	3.2
HSPF	9.6	9.6	9.5	9.5	9.0
Amps, Cooling	7.30	3.73/3.37	10.10	5.44/4.92	6.69/7.40
Power (Watts), Cooling	835	775/775	1,140	1,132/1,132	1,511/1,511
Amps, Heating	7.50	3.92/3.54	9.75	5.39/4.87	6.57/7.27
Power (Watts), Heating	862	815/815	1,121	1,120/1,120	1,511/1,511
Evap motor Nominal HP	1/25	1/25	1/25	1/25	1/25
Airflow (CFM), High Cool	294	294	353	353	353
Airflow (CFM), Low Cool	260	260	260	260	260
Weight	137	136	148	148	150
Low Ambient Heat Cap. @ 47°F	10,000	10,200	13,000	12,000	17,400
Low Ambient COP @ 47°F	3.4	3.6	3.4	3.1	3.03
Low Ambient Heat Cap. @ 10°F	7,000	6,600	10,000	7,700	11,000
Low Ambient COP @ 10°F	2.1	2.2	2.10	2.14	2.05
Low Ambient Heat Cap. @ 5°F	7,000	6,100	10,000	6,900	11,000
Low Ambient COP @ 5°F	1.95	1.98	1.95	1.91	1.90
Low Ambient Heat Cap. @ -5°F	7,000	5,500	9,500	6,400	10,500
Low Ambient COP @ -5°F	1.60	1.74	1.80	1.62	1.70



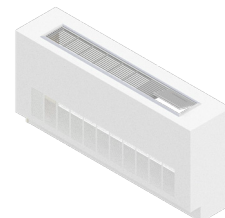
EZLA SERIES

Unit Accessories

ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4086517-XX *	EZLA Room enclosures are available in varying depths, in 1" increments, from 12" to 19"	50 lbs.	12.000" - 19.000"	48.000 or 52.000"	24.000" - 31.000"

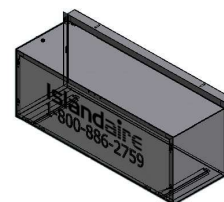
* XX = Paint Code Suffix



WALL SLEEVES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
2401475-XX *	EZLA Wall Sleeve Assembly, used with Recessed Louver	38 lbs.	15.000" (min.)	42.000"	16.000"
2401477-XX *	EZLA Wall Sleeve Assembly, used with Panel Wall	38 lbs.	13.750" (min.)	42.000"	16.000"
2401479-XX *	EZLA Wall Sleeve Assembly, used with External Louver	38 lbs.	13.750" (min.)	42.000"	16.000"

* XX = Paint Code Suffix



HYDRONIC COILS

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



LOUVERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6070422	EZLA Exterior Architectural Louver, Standard (External)	7 lbs.	1.125"	42.000"	16.000"
6070134	EZLA Exterior Architectural Louver, Recessed	7 lbs.	1.125"	41.500"	15.500"



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
6041228	Islandaire Programmable (7 Day/5-1-1 Day/Non-Programmable), 2-Fan Spd	1.0 lbs.	Wired	Single	Horizontal



FILTERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080075	EZLA Electrostatic Mesh Filter	2 lbs.	0.250"	28.563"	9.438"



MISCELLANEOUS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6041360	EZLA 90° Drain Fitting	1 lbs.	XXX"	XXX"	XXX"

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

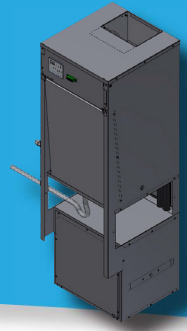


*100% conditioned
fresh air

EZ Series VH Unit Available

*Vertical Water Source Hybrid Heat
Pump, Replacement For:*

CGC InnKeeper/HomeKeeper



Scan for more information

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