

Islandaire EZ Series NC is a replacement for the ITT Nesbitt Challenger unit. Our commercial duty construction with heavy gauge galvanized steel and superior components create an efficient, reliable unit. This design eliminates the need for any interior or exterior renovation. Use of the existing wall sleeve-cabinet and louver saves time and money, two very important factors in today's competitive environment! Painted front panel available, part # 4080226.



FEATURES

- Proudly Assembled in the U.S.A.
- ETL listed products
- Superior Energy Efficiency Ratios (EERs)
- Commercial Duty Construction with Heavy Gauge Galvanized Steel
- Designed for exact replacement of existing sleeve opening
- Energy Efficient Rotary Compressors
- P.S.C. Evaporator and Condenser Motors
- High-Efficiency Refrigeration Coils Used to Provide Superior Heat Transfer
- Units Available as Cooling only, Cooling with Electric Heat, Cooling with Hydronic Heat, or Heat Pumps
- Custom Options Available
- Available with State-of-the-Art Digital *Intellitemp*™ Control System
- Available with wired and wireless wall thermostats
- NYC MEA Number 358-93-E Vol. II

Voltage/Line Cord	
1 - 115v, 20 Amps	5 - 115v, 15 Amps
2 - 208/230v, 20 Amps	6 - 115v, Hard Wire
3 - 208/230v, 30 Amps	7 - 277v, 20 Amps
4 - 208/230v, Hard Wire	8 - 277v, Hard Wire
	9 - 208/230v, 15 Amps

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

Model Type
NC - ITT Nesbitt

Functional Options
A - None
B - Motorized Fresh Air Damper
C - Fan Cycle Switch
D - Indoor Freeze Protect
F - Hi Pressure Cut Out

Functional Option Codes*

A - A	S - BF
B - B	T - C
C - BC	U - CD
D - BCD	X - CDF
G - BCDF	1 - CF
K - BCF	2 - D
L - BD	5 - DF
P - BDF	8 - F

*Codes are entered into model number.

Component
EZ - Cooling Chassis

System Type
K - Std. Chassis R32
L - Heat Pump R32

Return/Discharge Options
1 - Bot. Ret./Top Dis.
4 - Front Ret./Top Dis.

Identity Code
0 - Special
4 - Standard

EZ 12 L 2 NC A 1 A 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)
- 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)
- Z - Hyd. W/1.3 kW B.U. Heat (115v)

Hydronic Options

- 1 - None
- 2 - 24v NC Valve
- 3 - 115v NC Valve
- 4 - 230v NC Valve
- 5 - 277v NC Valve
- 6 - 24v NO Valve
- 7 - 115v NO Valve
- 8 - 230v NO Valve
- 9 - 277v NO Valve
- A - Line Volt NO/NC Switch
- B - 24v NO/NC Switch

Room Controls

- A - Push Button Controls (MCO)
- C - Wall Thermostat Interface, Relays
- E - Wireless Thermostat (type must be specified when placing order)
- N - Wall Thermostat Interface, Std. Elect. Cntrls
- S - Std. Electronic Controls (Unit Mounted)

Power Mgt. Options

- A - None
- C - Energy Mgt. N/O
- D - Energy Mgt. N/C
- E - Emerg. Power 115v
- F - Emerg. Power 230v
- G - Emerg. Power 277v

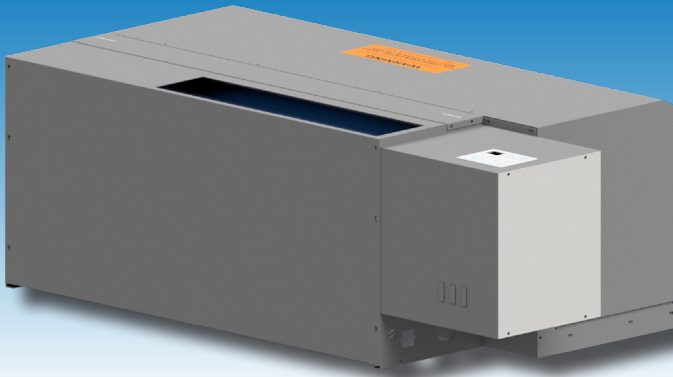
Power Mgt. Codes*

A - A	U - DE
P - C	V - DF
Q - CE	W - DG
R - CF	X - E
S - CG	Y - F
T - D	Z - G

*Codes are entered into model number.

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

6140599 Rev. - (11/25/24)



MODELS

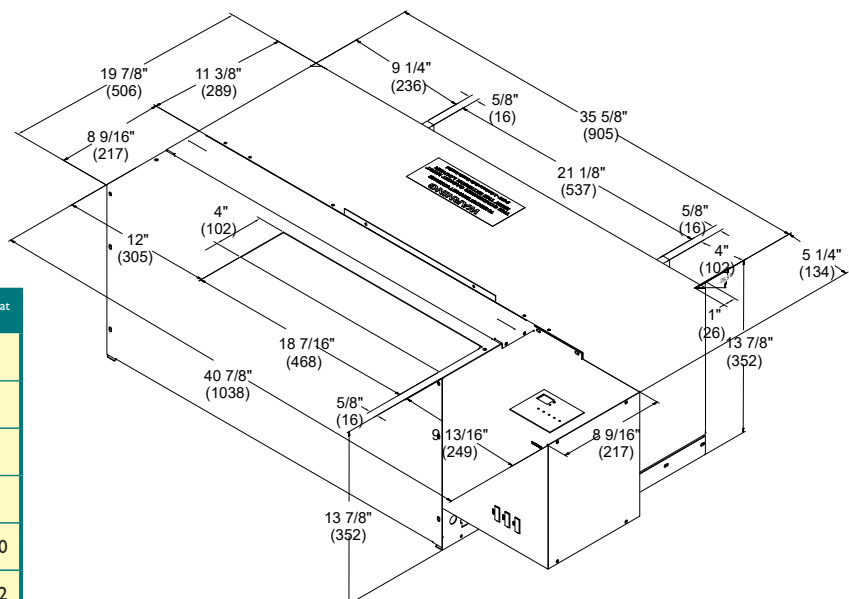
	EZ07			EZ09			EZ12			EZ15	
VOLTS	115	208 / 230	277	115	208 / 230	277	115	208 / 230	277	208 / 230	277
BTUH COOL	7,000	7,000	7,000	9,200	9,600	9,400	11,800	11,800	11,500	14,500	14,500
AMPS COOL	6.39	3.53 / 3.20	2.65	8.87	4.90 / 4.43	3.77	12.22	6.44 / 5.83	4.89	8.73 / 7.89	6.62
WATTS COOL	735	735	735	1,020	1,020	1,045	1,405	1,340	1,355	1,815	1,835
EER	9.5	9.5	9.5	9.0	9.4	9.0	8.4	8.8	8.5	8.0	7.9
HIGH COOL CFM (m³/min)	375 (10.6)	375 (10.6)	375 (10.6)	400 (11.3)	400 (11.3)	400 (11.3)	425 (12.0)	425 (12.0)	425 (12.0)	450 (12.7)	450 (12.7)
LOW COOL/HEAT CFM (m³/min)	320(9.0)	320 (9.1)	320 (9.0)	350 (9.9)	350 (9.9)	350 (9.9)	350 (9.9)	350 (9.9)	350 (9.9)	400 (11.3)	400 (11.3)
BTUH HEATING	6,800	6,800	6,800	9,000	9,400	9,200	11,000	11,000	11,500	13,500	13,500
WATTS HEATING	710	710	710	975	985	1,000	1,240	1,110	1,250	1,520	1,520
C.O.P.	2.8	2.8	2.8	2.7	2.8	2.7	2.6	2.9	2.7	2.6	2.6

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

Heating Option	Voltage (V)	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
Z	115	1,300	4,400	11.30

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.

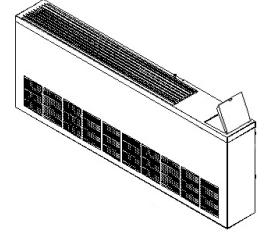
- 1) Voltage is Single Phase, Alternating Current and R.M.S.
2) Amp values are for heating element only.



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

ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4080226	EZNC Enclosure Assembly, Front Return	45 lbs.	5.625"	42.125"	14.750"

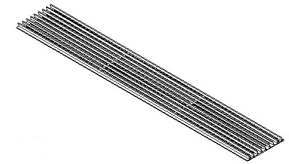


HYDRONIC COILS

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	-	-	-	-	-

LOUVERS/GRILLES

PART NUMBER	DESCRIPTION	APPROX. WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	-	-	-	-	-



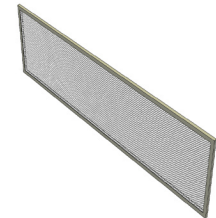
THERMOSTATS

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), 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.	FEATURES
6080000	EZNC Aluminum Filter, 30.75" L x 8.50"W x 0.25"D	2 lbs.	-
6080015	EZNC Aluminum Filter, 30.75" L x 7.00"W x 0.25"D	2 lbs.	-



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EZ Series VH Unit Available

Vertical Water Source Hybrid Heat
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CGC InnKeeper/HomeKeeper



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