

Islandaire EZ Series 25 is a replacement for the American Air Filter models of SC Nelsonaire Series 25 units. 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! If the need does occur where the wall sleeve-room cabinet and/or louver needs to be replaced, we manufacture these accessories as well. Flat and sloped top versions are available.



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 wired and wireless wall thermostats
- NYC MEA Number 358-93-E Vol. II

Voltage/Line Cord

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

Cooling Capacity

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

Model Type

25 - Amer. Air Filter 25

Functional Options

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

Functional Option Codes*

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

*Codes are entered into model number.

Component

EZ - Cooling Chassis
HS - Heat Section

System Type

K - Std. Chassis R32
L - Heat Pump R32

Return/Discharge Options

1 - Bot. Ret./Top Dis.

Identity Code

0 - Special
4 - Standard

EZ 15 L 2 25 F 1 E 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)

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

Room Controls

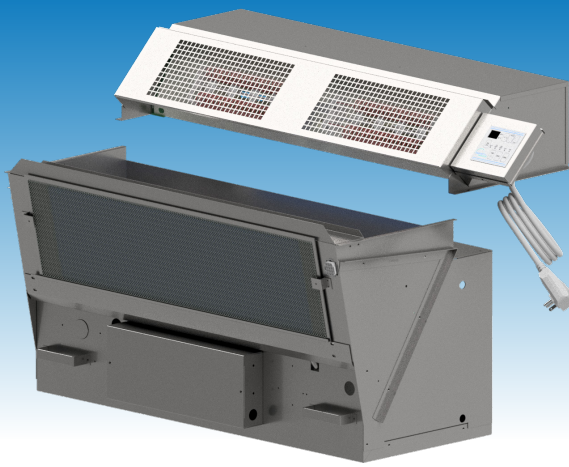
E - Wireless Thermostat (specify type when ordering)
F - Wall Thermostat Interface, Master
G - Wall Thermostat Interface, Slave
K - None
N - Wall Thermostat Interface, Std. Elect. Cntrls
S - Std. Electronic Controls (Unit Mounted)
W - Unit Mounted T-Stat (specify type when ordering)

Power Mgt. Options

A - None

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

6140552 Rev. - (08/07/25)



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	9,200	9,400	11,800	12,000	11,500	14,500	14,500
AMPS	6.48	3.58 / 3.24	2.69	8.87	4.86 / 4.39	3.77	12.22	6.08 / 5.5	4.89	8.73 / 7.89	6.62
WATTS COOL	745	745	745	1,020	1,010	1,045	1,405	1,265	1,355	1,815	1,835
EER	9.4	9.4	9.4	9.0	9.1	9.0	8.4	9.5	8.5	8.0	7.9
CFM HIGH	400	400	400	400	400	400	420	420	420	500	500
CFM LOW	260	260	260	260	260	260	350	350	350	400	400
BTUH HEATING	6,800	6,800	6,800	9,000	8,800	9,000	11,500	11,000	11,500	13,500	13,500
WATTS HEATING	710	710	710	975	955	975	1295	1150	1205	1520	1520
C.O.P.	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.8	2.6	2.6
WEIGHT (LBS)	105	105	105	110	110	110	115	115	115	120	120

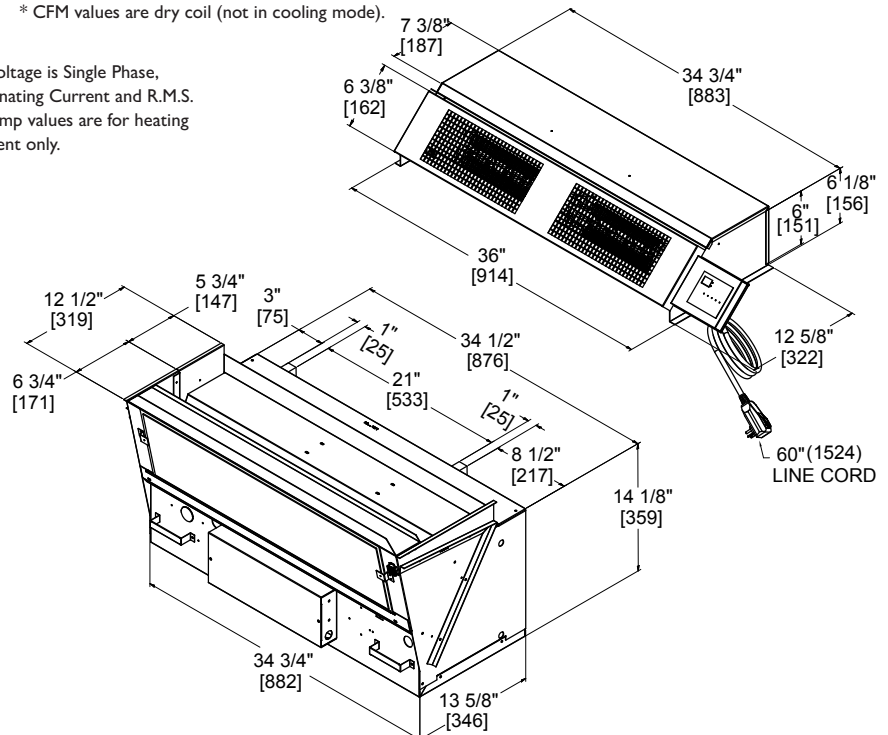
Heating Option	Voltage (1)	Wattage	BTU/h	Amps (2)
B & H	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
	277	2,500	8,500	9.03
C & I	208	2,945	10,100	14.16
	230	3,600	12,300	15.65
	277	3,600	12,300	13.00
D	208	3,435	11,700	16.51
	230	4,200	14,300	18.26
	277	4,200	14,300	15.16
E	208	4,090	14,000	19.66
	230	5,000	17,100	21.74
	277	5,000	17,100	18.05

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.

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

(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

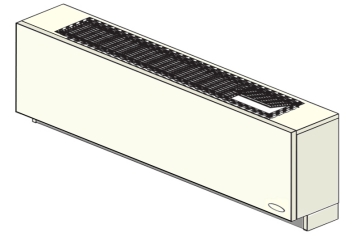


EZ SERIES 25

Unit Accessories

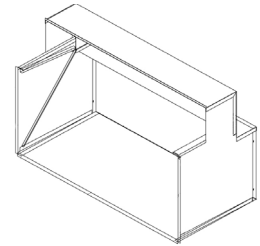
ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	EZ25 Room enclosures are available in varying depths, in 1" increments. Custom colors and sizes are available (consult factory).	40 lbs.	various	47-3/4"	24"



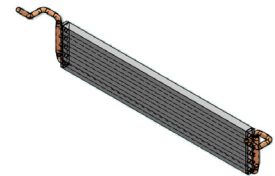
PANELS/WALL SLEEVES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
2400004	EZ25 Panel/Curtain/Window/Block Wall Sleeves are available in varying depths, in 1" increments, from 13-3/4" and greater.	34 lbs.	various	36-3/8"	15"



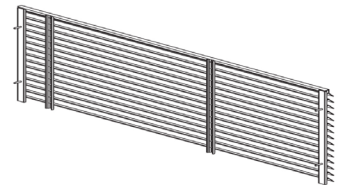
HYDRONIC OPTIONS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6030038	Hydronic Coil Assembly, opposite end, headered, standard	10 lbs.	1-5/64"	31-5/8"	6-1/4"
6030262	Hydronic Coil Assembly, same end, headered, standard	10 lbs.	1-5/64"	31-5/8"	6-1/4"



LOUVERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6070037	EZ25 American Standard Style (original sleeve only)	10 lbs.	1-7/64" (approx.)	39"	16"
6070090	EZ25 Islandaire Sleeve Louver (Islandaire only)	10 lbs.	1" (approx.)	36-3/16"	14-3/4"



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



OTHER OPTIONS

PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES
Consult Factory	Motorized Valves (consult factory)	3 lbs.	-
6080000	Aluminum Filter, Standard	<1 lb.	-
6090026	EZ25 Series Condenser Baffle, 1" x 14" x 2"	<1 lb.	-

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

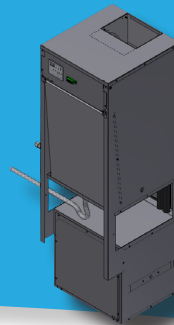


*100% conditioned
fresh air

EZ Series VH Unit Available

Vertical Water Source Hybrid Heat
Pump, Replacement For:

CGC InnKeeper/HomeKeeper



Scan for more information

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