

Islandaire EZCM Series is a replacement for the Friedrich and Weil-McLain models of Series 702, 703 & 704 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 room cabinet and/or louver needs to be replaced, we manufacture these accessories as well.



FEATURES

- Proudly Designed and Engineered in the U.S.A.
- ETL listed products
- Superior Energy Efficiency Ratios (EERs) and Coefficient of Performance (COPs)
- Commercial Duty Construction with heavy gauge, painted galvanized steel
- Designed for exact replacement of existing sleeve opening
- Energy Efficient Rotary Compressors
- BLDC Evaporator Motor, PSC Condenser Motor
- 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 Pump
- Available with wired and wireless wall thermostats
- NYC MEA Number 358-93-E Vol. II
- High-Efficiency, energy-conserving design
- Optional use Internal Drain

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 | 9 - 208/230v, 15 Amps |
| 4 - 208/230v, Hard Wire | |

Cooling Capacity

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

Return/Discharge Options

- 1 - Bot. Ret./Top Dis.
- 2 - Bot. Ret./Front Dis.
- 3 - Bot. Ret./Ducted Top Dis.
- 4 - Front Ret./Top Dis.
- 5 - Front Ret./Front Dis.
- 6 - Front Ret./Ducted Top Dis.

Functional Options

- B - Motorized Fresh Air Damper
- D - Indoor Freeze Protect

Functional Option Codes*

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

*Codes are entered into model number.

Model Type

CM - Friedrich CM

Component

EZ - Cooling Chassis

System Type

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

Identity Code

- 0 - Special
- 6 - Standard

EZ CM 12 L 2 C 1 S 1 6 A L

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)
- Z - Hyd. W/1.3 kW B.U. Heat (115v Only)

* Options D & E only available on 12kBTU and 16kBTU units

Hydronic Options

- 1 - None
- A - Line Volt NO/NC Switch
- B - 24v NO/NC Switch

Room Controls

- 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

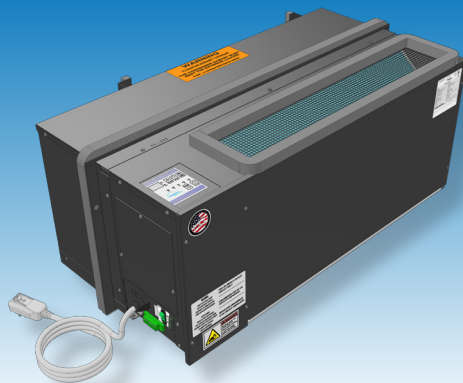
Power Mgt. Codes*

- A - A
- P - C
- T - D

*Codes are entered into model number.

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

6140633 Rev. - (07/18/25)



EZCM Documentation List:

P/N	Document Title
6140500	Instructions, External Drain Kit
6140501	Instructions, Internal Drain Kit
6140505	Instructions, Front Return Application Kit, EZCM
6140517	Chart, EZCM Hydronic Coil Performance

MODELS

	EZ09		EZ12		EZ16
VOLTS	115	208 / 230	115	208 / 230	208 / 230
BTUH COOL	9,600	9,000	12,000	12,000	15,000
AMPS COOL	6.9	3.8 / 3.3	11.5	5.5 / 5.1	7.6 / 6.9
WATTS COOL	850	795	1,150	1,150	1,575
EER	11.3	11.3	10.4	10.4	9.5
CFM HIGH	330	330	350	350	490
CFM LOW	250	250	330	330	390
BTUH HEATING	8,100	8,000	10,950	10,950	13,300
WATTS HEATING	775	710	1035	1035	1300
C.O.P.	3.2	3.3	3.1	3.1	3
NOISE, INDOOR LOW/ HIGH (dBA)	47/49	47/49	48/50	48/50	50/54
NOISE, OUTDOOR (dBA)	63	63	63	63	63
WEIGHT (LBS)	113	113	116	116	126

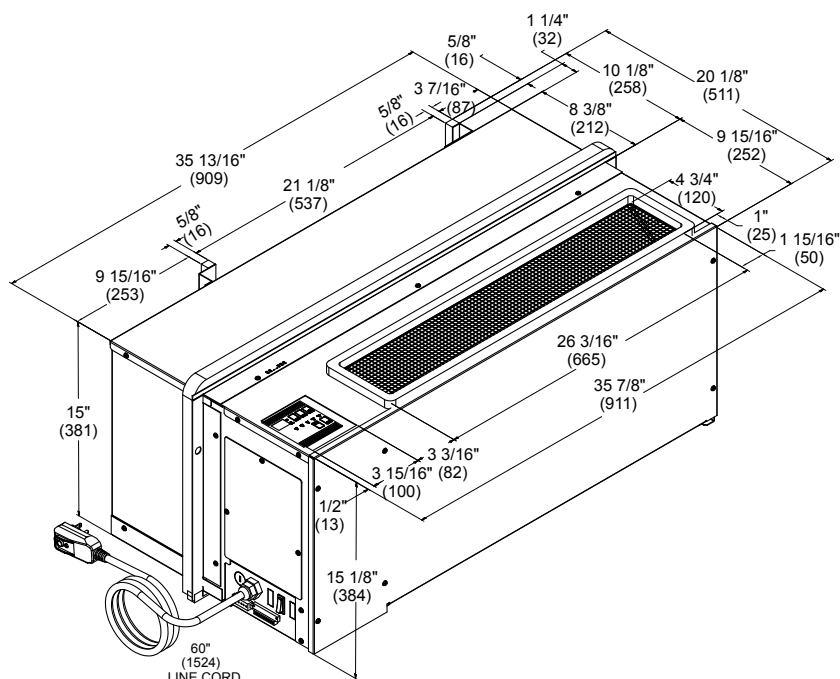
Heating Option	Voltage ⁽¹⁾	Wattage	BTU/h	Amps ⁽²⁾
B	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
C	208	2,945	10,100	14.16
	230	3,600	12,300	15.65
D	208	3,435	11,700	16.51
	230	4,200	14,300	18.26
E	208	4,090	14,000	19.66
	230	5,000	17,100	21.74
H	208	2,045	7,000	9.83
	230	2,500	8,500	10.87
I	208	2,945	10,000	14.15
	230	3,600	12,300	15.65
Y	115	1,300	4,400	11.30
Z	115	1,300	4,400	11.30

⁽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

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.



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

ENCLOSURES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	EZCM Enclosure Assembly (available in 10.5" to 16.5" depths, in one inch increments)	50 lbs.	various	48.00"	21.00"

WALL SLEEVES

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
Consult Factory	EZCM Wall Sleeve Assembly, Standard, (available in 11.000" to 21.375" depths, in one inch increments)	40 lbs.	various	36.500"	16.000"

LOUVERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6070273	EZCM Louver, 42° Pitch, Standard Clear Anodized Aluminum *	10 lbs.	1.164"	36.188"	15.687"

* Painted available upon request.

CONVERSION KITS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4092513	EZCM Front Return Cover Conversion Kit	5.0 lbs.	N/A	N/A	N/A

HYDRONIC COILS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6030036	EZCM Hydronic Coil, Top Mount, Headered	20 lbs.	2.000"	30.940"	8.000"
6030177	EZCM Hydronic Coil Assy., Top Mount	25 lbs.	3.840"	38.500"	9.000"
6030294	EZCM Hydronic Coil Assy., Top Mount, High Capacity	25 lbs.	3.840"	38.500"	9.000"

DRAIN KITS

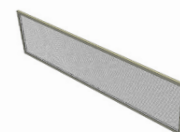
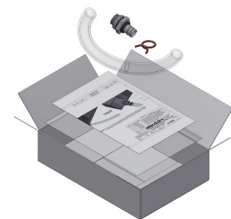
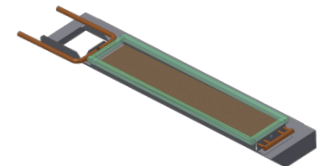
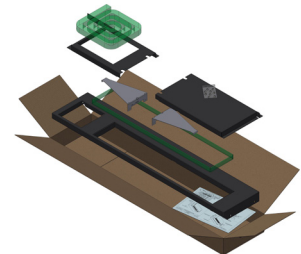
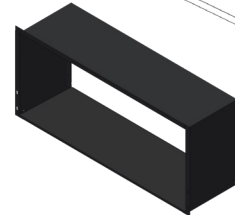
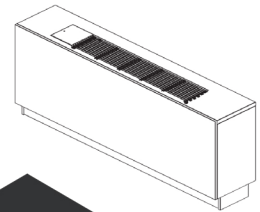
PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
4092505	EZCM External Drain Kit	1 lbs.	N/A	N/A	N/A
4092509	EZCM Internal Drain Kit	1 lbs.	N/A	N/A	N/A

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
6080152	EZCM Standard Mesh Filter	2 lbs.	0.20"	28.50"	8.00"



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