

EZ Series VH

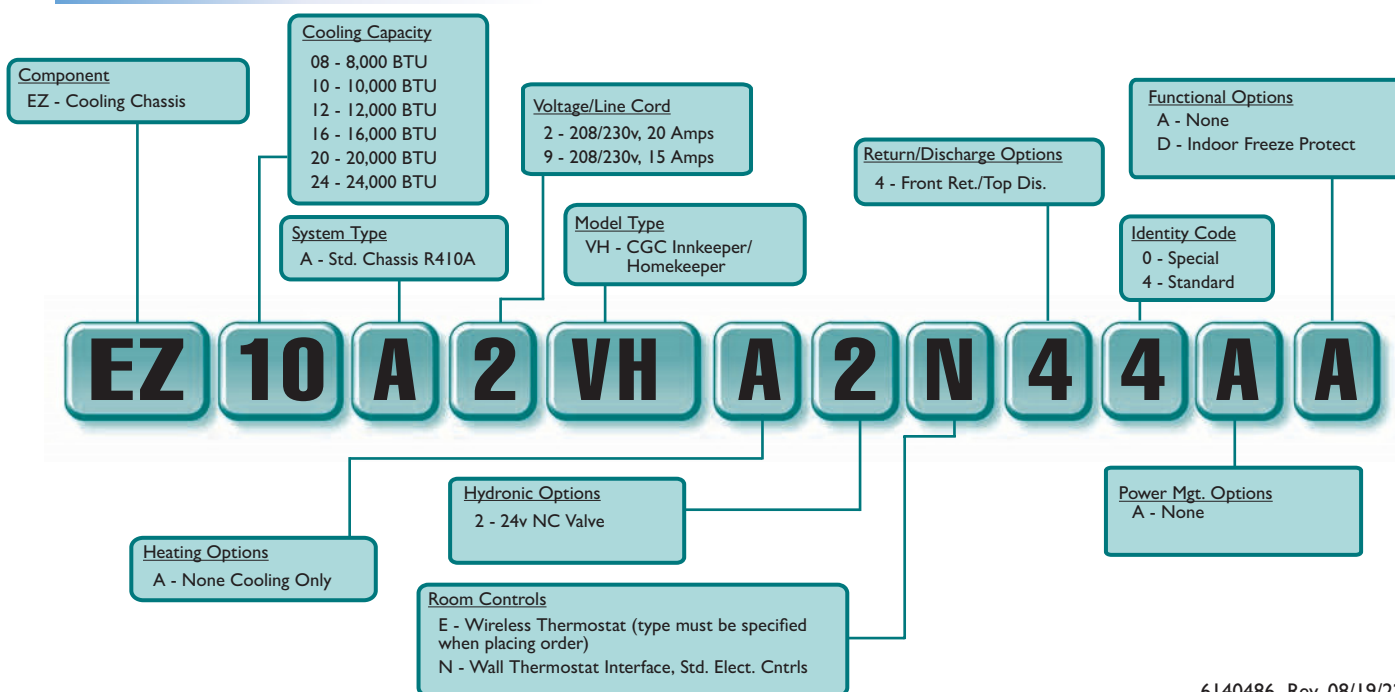
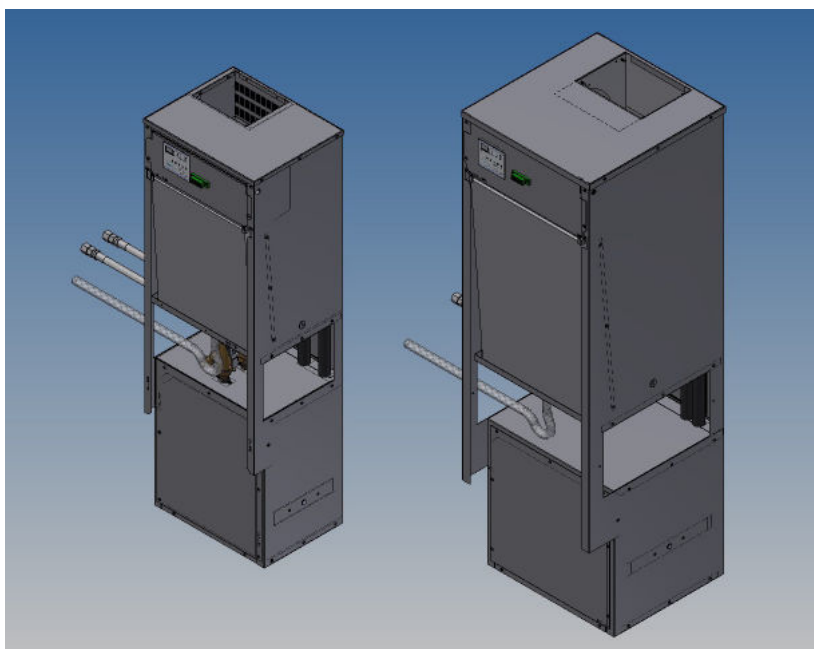
Vertical Water Source Hybrid Heat Pump

Islandaire "The Perfect Fit" units are designed to exactly replace the original, existing chassis! No field modification kits or builder renovations are required. Islandaire units are designed for optimal efficiency and reliability. This unit has the same connection locations, and by using the existing blower section and existing cabinet, time and money is saved!

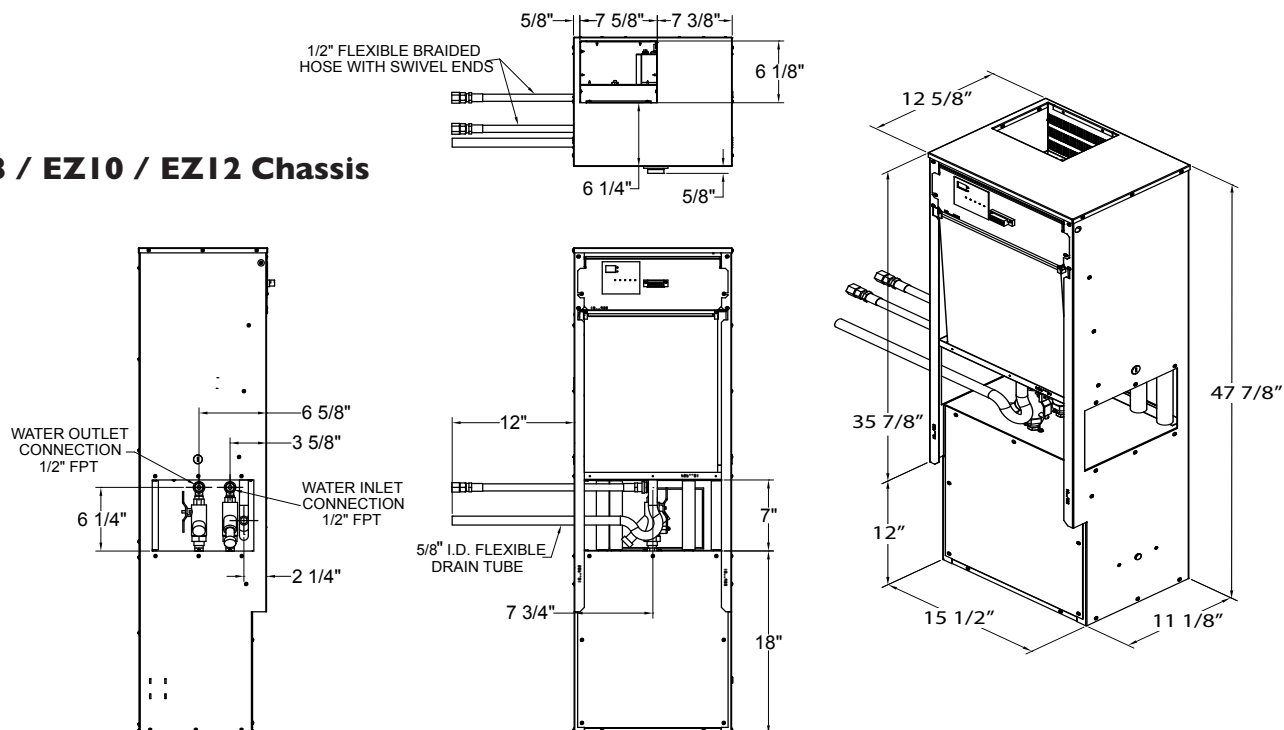
This appliance is intended for new construction or replacement of CGC InnKeeper and CGC Homekeeper water source heat pumps. Please confirm that the electrical rating of this appliance matches the electrical supply available before beginning installation.

Features:

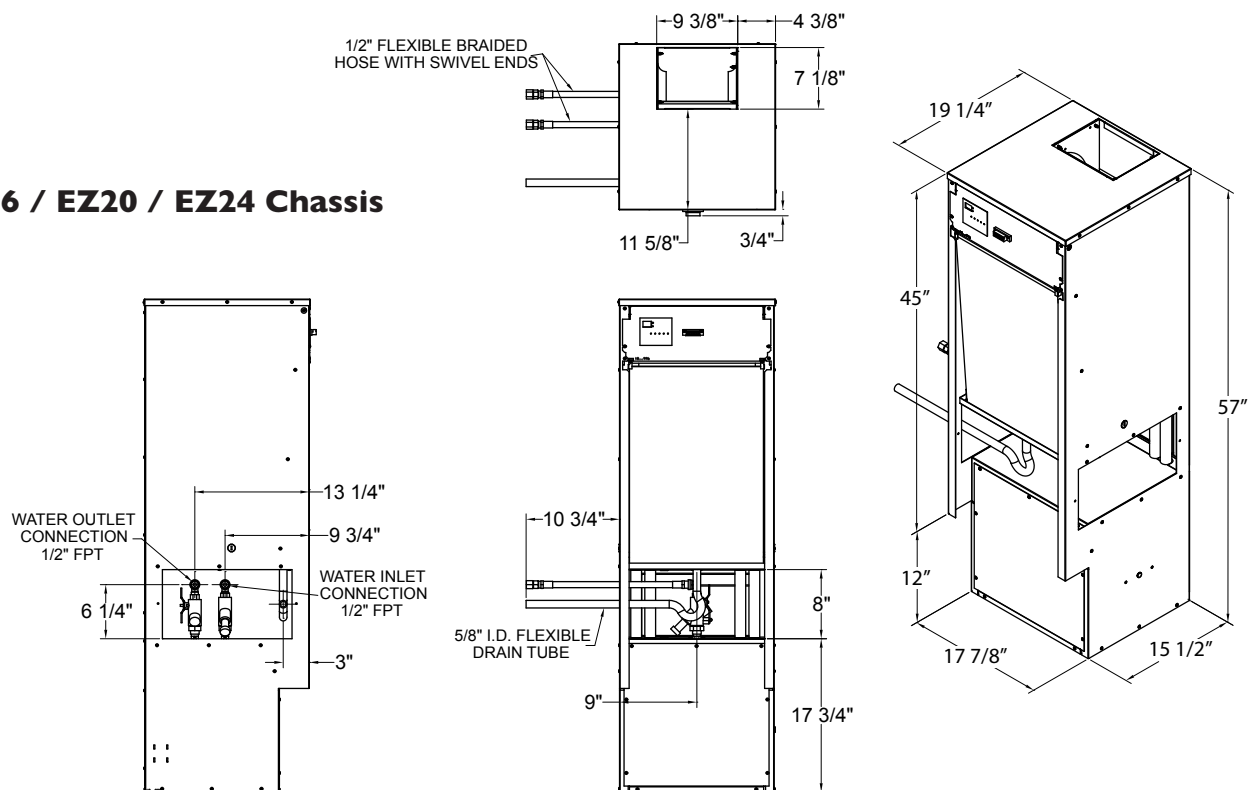
- Proudly Assembled in the U.S.A.
- Superior Energy Efficiency Ratio (EER)
- Hybrid heat pump with no reversing valve
- Hydronic Heat
- High efficiency coaxial condenser and evaporator coils
- Commercial duty construction with heavy gauge galvanized steel
- High pressure protection
- Compressor and water circuit freeze protection
- Refrigerant circuit access ports
- Blower assembly, control module or remote available
- Factory mounted demand auto flow valves
- Power disconnect switch
- Quiet operation
- On-board microprocessor provides diagnostics and safeties
- Choice of two front panel design options
- 100% self-contained chassis enables replacement in minutes
- Enhanced Indoor Air Quality with no standing water
- Exceeds ASHRAE 90.1 efficiency rating
- Optimum efficiency at 2 gpm/ton flow rate



EZ08 / EZ10 / EZ12 Chassis

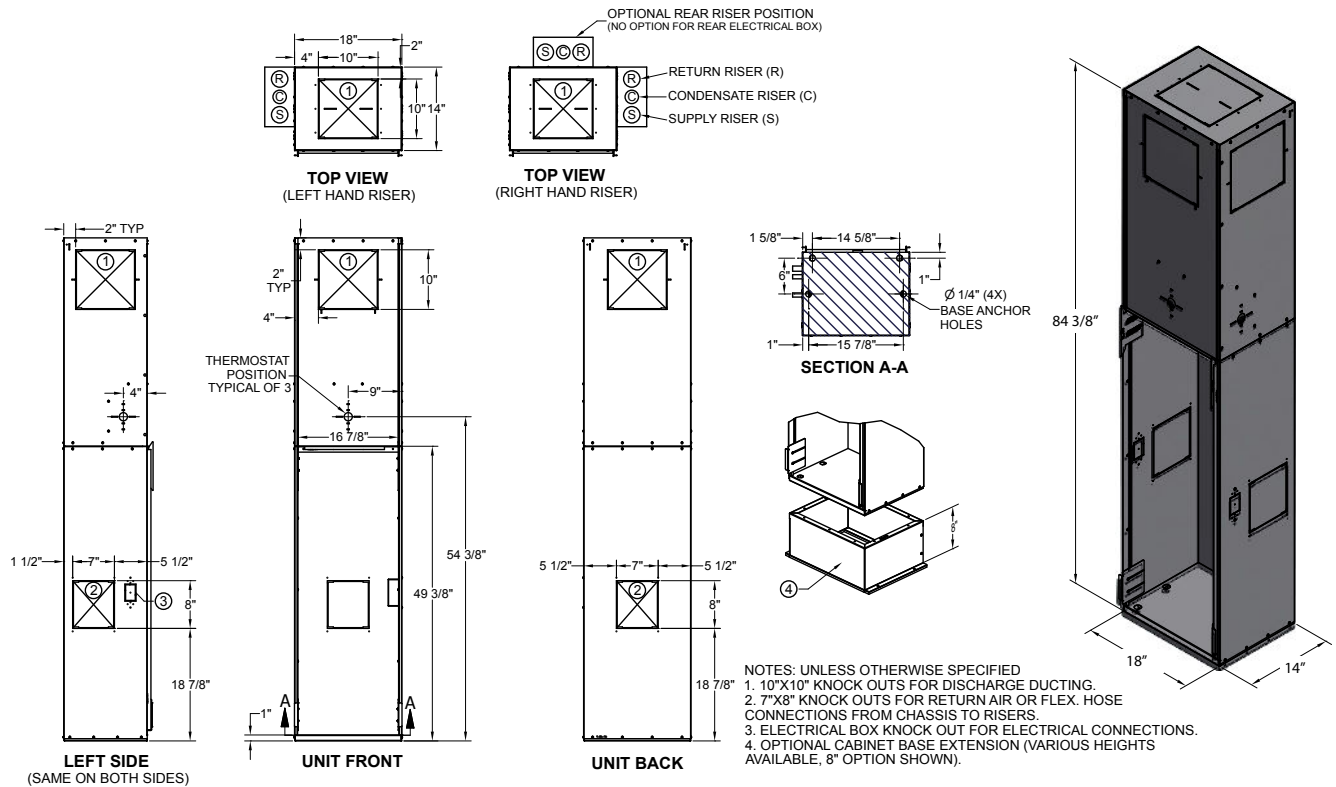


EZ16 / EZ20 / EZ24 Chassis

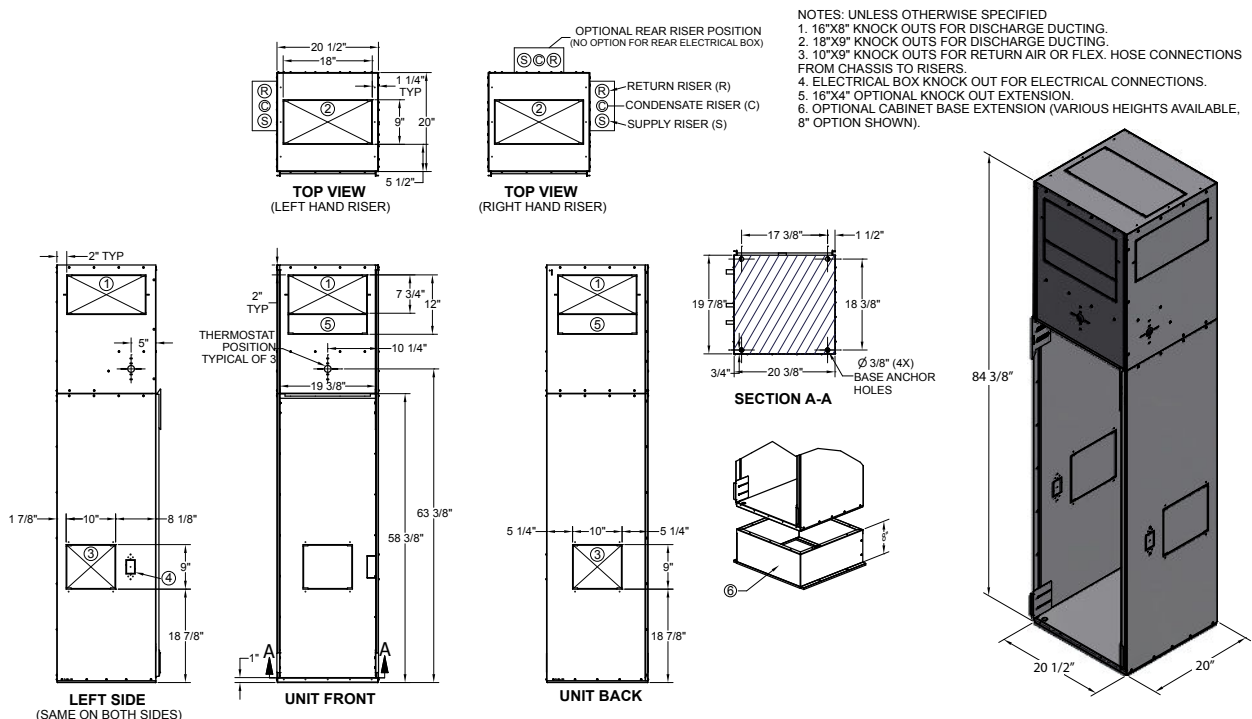


*Specifications are subject to change due to ongoing product development.

EZ08 / EZ10 / EZ12 Cabinet

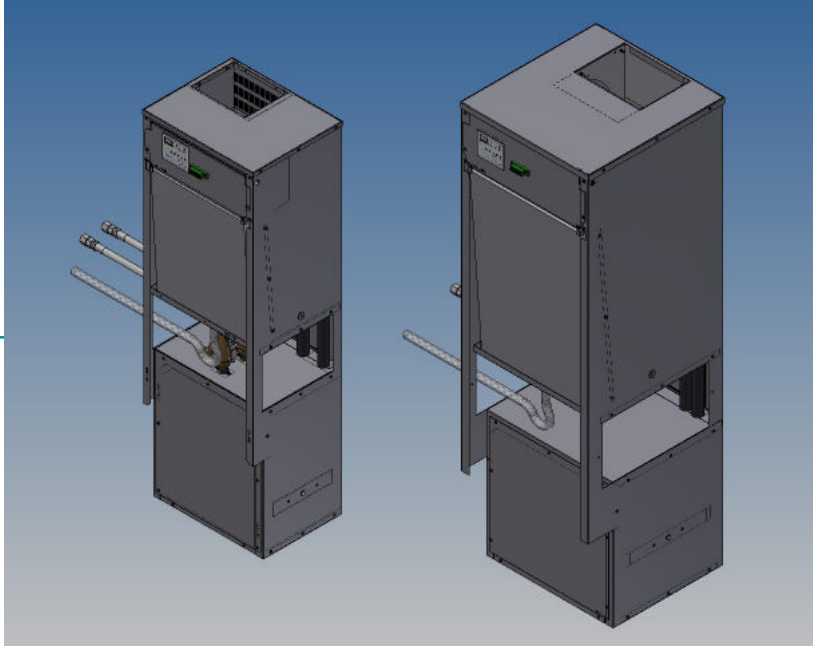


EZ16 / EZ20 / EZ24 Cabinet



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EZ Series VH



ENVIRONMENTALLY
SOUND
REFRIGERANT



MODELS

	EZ08	EZ10	EZ12	EZ16	EZ20	EZ24
VOLTS	208/230	208/230	208/230	208/230	208/230	208/230
BTUH COOL	8,600	9,500	11,500	15,200	18,200	24,200
AMPS COOL	2.79 / 2.52	3.29 / 2.98	4.18 / 3.78	5.05 / 4.57	5.43 / 4.91	7.81 / 7.07
WATTS COOL	580	685	870	1,050	1,130	1,625
EER	14.8	13.9	13.2	14.5	16.1	14.9
CFM HIGH	280	320	380	500	650	800
CFM LOW	250	280	320	420	550	700
GPM	1.4	1.7	2.0	2.8	3.5	4.0
BTUH HEATING (@100 EWT)	6,900	7,800	8,400	12,000	13,700	15,500
BTUH HEATING (@105 EWT)	8,000	9,100	9,800	14,000	16,000	18,100
BTUH HEATING (@110 EWT)	9,200	10,400	11,200	16,000	18,250	20,700
BTUH HEATING (@120 EWT)	11,500	13,000	14,000	20,000	22,850	25,850
SHIPPING WEIGHT (LB)	110	120	120	132	185	220

Notes:

1) Data based on AHRI/ASHRAE/ISO 13256-1:

Cooling (EAT): 80.6 °F DB/66.2 °F WB

Cooling (EWT): 86 °F

Heating (EAT): 68 °F

Heating (EWT): 68 °F

2) Water Loop Operation

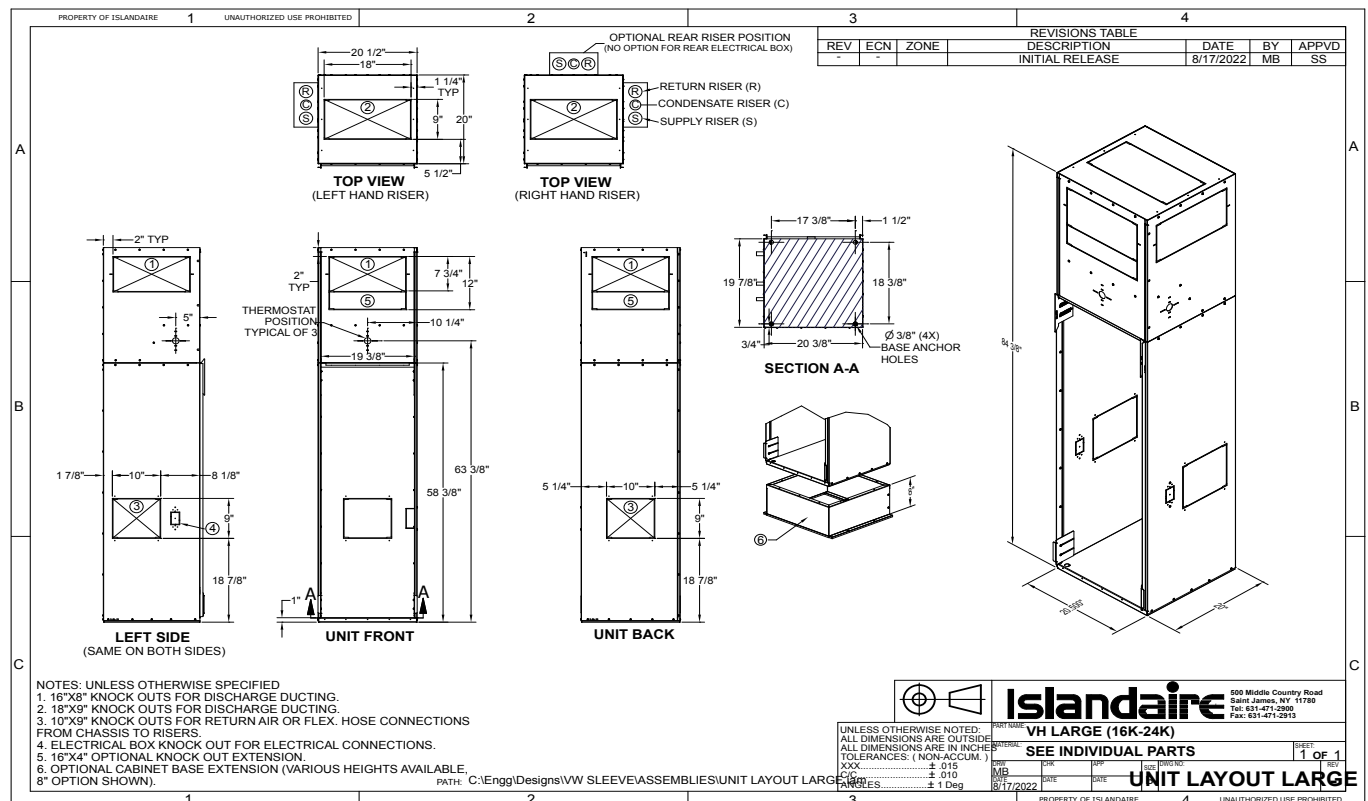
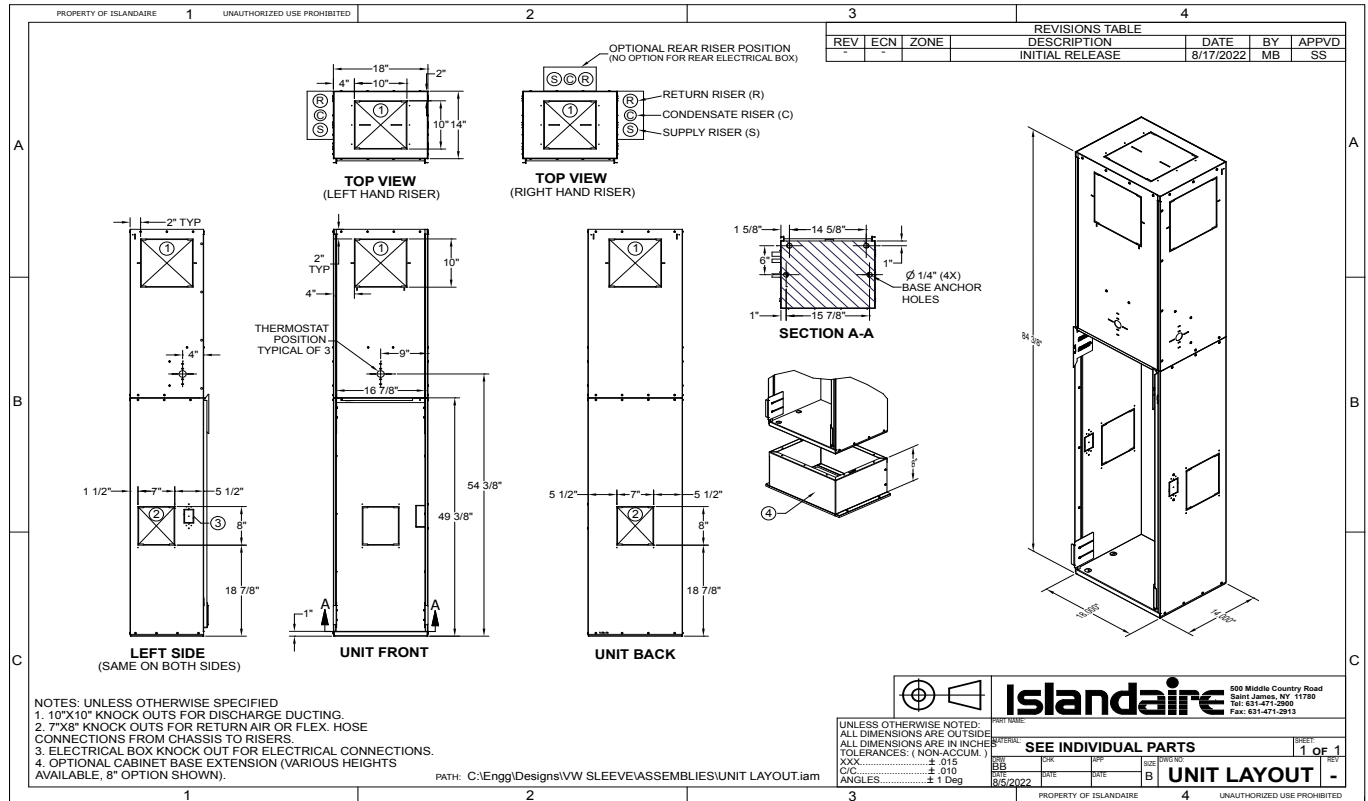
Cooling LWT - EWT = 10 °F

Heating EWT - LWT = 10 °F

Line Voltage	Maximum Amperage	Wall Socket Configuration	Receptacle Number
208/230	12		NEMA 6-15R
208/230	16		NEMA 6-20R



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THERMOSTATS

PART NUMBER	DESCRIPTION	APPROX WT.	FEATURES		
			CONNECTION	STAGE	DISPLAY
Use of any thermostat other than those shown below must be approved by Islandaire					
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



FILTERS

PART NUMBER	DESCRIPTION	APPROX WT.	DIMENSIONS		
			DEPTH	WIDTH	HEIGHT
6080149	EZVH Filter, Pleated, EZ08/EZ10/EZ12 Units	1 lbs.	0.75"	13.125	16.125"
6080150	EZVH Filter, pleated, EZ16/EZ20/EZ24 Units	1 lbs.	0.75"	15.500"	23.500"



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our DR. PTAC option!***



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fresh air*

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