

General Specifications:

- ✿ 20°F to 70°F Leaving Coolant Range
- ✿ 30 Gallon 304 Stainless Steel Evaporator Tank
- ✿ Tank Sight Glass, 15 PSI Relief Valve, and Air Vent
- ✿ Integrated Operating and Safety Controls
- ✿ Simple and Efficient Refrigeration Circuit
- ✿ Aluminum Structural Frame
- ✿ Weatherproof Mechanical and Electrical Sections
- ✿ Automatic Variable Speed Discharge Pressure Control
- ✿ Single Point Electrical Connection
- ✿ Stainless Steel Fan Shroud and Composite Prop
- ✿ Integrated Bypass Pump

Model	Description	Flow GPM	Pump Head	Capacity @ 95°F Ambient (1,000's BTUH)			Pipe size	Electrical size	Shipping Weight
				35°F	45°F	55°F			
CE-5	5 Ton Nominal	14	48 feet	41	53	66	1"	1"	940 lbs.

Integrated Available Options

CATALOG	DESCRIPTION
CVE00501	Locking Casters
CVE00502	Super Low Ambient Kit
CVE00503	High Ambient Kit
CVE00504	Stainless Steel Panels/Hardware
CVE00505	Heresite Coated Condenser Coils
CVE00506	Disconnect Switch (Door Mounted)
CVE00507	VPM Voltage Phase Monitor
CVE00508	6 Point Digital Temp Display
CVE00509	Refrigerant Gauges (per circuit)
CVE00511	Tank Level Alarm
CVE00512	Tank Auto-Fill
CVE00514	Remote Operating Panel
CVE00515	Tank Fill Pressure Reducing Valve
CVE00516	Flow Switch (paddle)
CVE00518	System Pump Pressure Bypass Valve
CVE00519	System Pump VFD
CVE00520	Vibration Isolation Mounts
CVE00521	Water Cooled Condensers Mod Valve

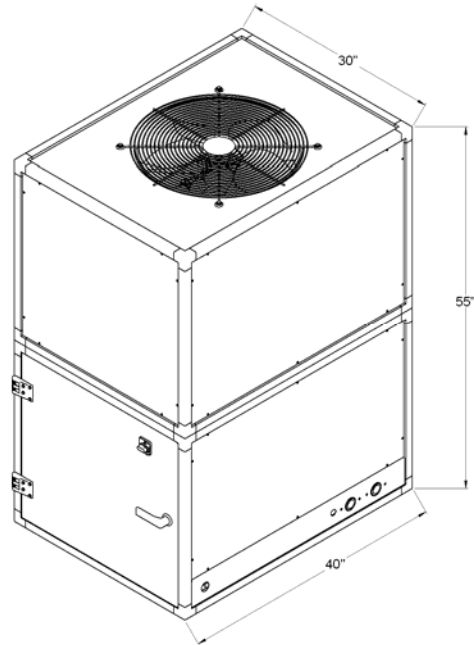
Safety and Operating Controls

- ✿ High and low refrigerant pressure lockouts
- ✿ Simple electronic temperature control
- ✿ Suction pressure operating control
- ✿ Discharge pressure control for condenser fans
- ✿ Contactors, motor starters, and overloads

Refrigeration Circuit

- ✿ 5 nominal ton hermetic compressor
- ✿ Air-cooled condenser copper/aluminum
- ✿ Copper coil in shell evaporator
- ✿ Thermostatic expansion valve
- ✿ Liquid-line filter drier
- ✿ Refrigerant sight glass
- ✿ Refrigeration suction and discharge service access valves

Physical Data	CE-5-A
Unit Dimensions	40" L x 30" W x 55" H
Crated Dimensions	46" L x 36" W x 61" H
Dry Weight	850 lbs.
Operating Weight	1110 lbs.
Oil Weight	65 oz.
Refrigerant Weight	10 lbs.
Piping Connections	1" FNPT
Electrical Connections	1"
Reservoir Capacity	30 Gallons
Condenser CFM	3,500 CFM



Electrical Data																		
Volts	Phase	HZ	Compressor (Each)			Fan (Each)			System Pump			Bypass Pump			Total Unit FLA	MFS	MCA	
			Qty	HP	FLA	Qty	HP	FLA	Qty	HP	FLA	Qty	HP	FLA				
230	3	60	1	5	15.2	1	0.6	4.0	1	0.33	1.4	1	0.17	1.0	21.6	40.6	25.4	
460	3	60	1	5	7.6	1	0.6	2.0	1	0.33	0.7	1	0.17	0.5	10.8	20.3	12.7	

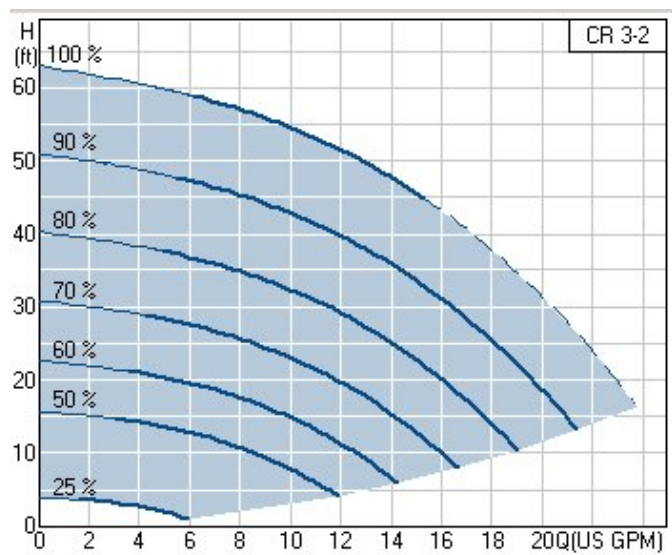
NOTES:

1. Transformer reflects all power used in control circuit.
2. FLA is at 45° LCT and 95° Ambient Temperature
3. For 208v, multiply 460v values by 2.21

Performance Data		CE-5-A				
		Ambient Temperature				
LCT °F		75°	85°	95°	105°	115°
60°		86.6	78.6	72.4	67.0	61.5
55°		78.2	71.1	65.6	60.8	55.8
50°		70.1	63.9	59.0	54.8	50.1
45°		62.3	56.9	52.7	48.9	44.5
40°		55.0	50.2	46.6	43.2	39.1
35°		48.0	44.0	40.8	37.8	33.8
30°		41.5	38.1	35.4	32.6	28.8
25°		35.5	32.6	30.3	27.7	24.0
20°		30.1	27.6	25.6	23.2	19.4

* Net capacities not including BTUH's from system pump
 ** Capacity in 1,000 BTUH's
 *** LCT =Leaving Coolant Temperature

System Pump Performance Curve (Nominal)



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Engineering Specifications

All data subject to change without notice
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