

General Specifications:

- ✿ 20°F to 70°F Leaving Coolant Range
- ✿ 75 gallon Stainless Steel Evaporator Tank
- ✿ Tank Sight Glass, Relief Valve, and Air Vent
- ✿ Integrated Operating and Safety Controls
- ✿ Stainless Steel System Pump
- ✿ Air-cooled Condensers Low Static Design
- ✿ Weatherproof Mechanical & Electrical Sections
- ✿ Single Point Electrical Connection
- ✿ Factory Tested at Design Load Conditions
- ✿ Stainless Steel Fan Shroud and Composite Prop
- ✿ Integrated Bypass Pump

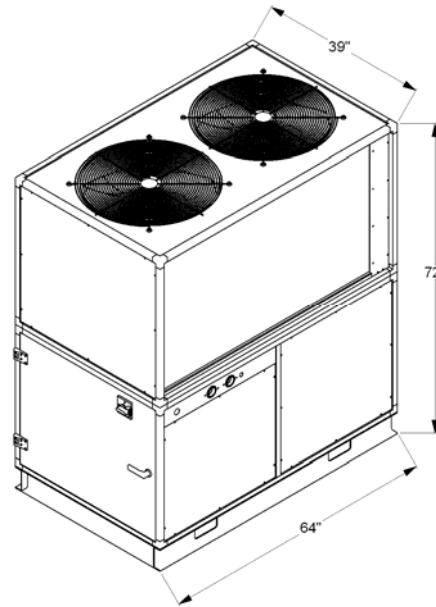
Model	Description	Flow GPM	Pump Head	Capacity @ 95°F Ambient (1,000's BTUH)			Pipe size	Electrical size	Shipping Weight
				35°F	45°F	55°F			
CE-15-A-1	Single Compressor	45	80	131	162	197	1-1/2"	1-1/4"	2,350 lbs.
CE-15-A-2	Dual Compressor	45	80	126	156	190	1-1/2"	1-1/4"	2,450 lbs.

Integrated Available Options	
CATALOG	DESCRIPTION
CVE01501	Locking Casters
CVE01502	Super Low Ambient Kit
CVE01503	High Ambient Kit
CVE01504	Stainless Steel Panels/Hardware
CVE01505	Heresite Coated Condenser Coils
CVE01506	Disconnect Switch (Door Mounted)
CVE01507	VPM Voltage Phase Monitor
CVE01508	6 Point Digital Temp Display
CVE01509	Refrigerant Gauges (per circuit)
CVE01511	Tank Level Alarm
CVE01512	Tank Auto-Fill
CVE01514	Remote Operating Panel
CVE01515	Tank Fill Pressure Reducing Valve
CVE01516	Flow Switch (paddle)
CVE01518	System Pump Pressure Bypass Valve
CVE01519	System Pump VFD
CVE01520	Vibration Isolation Mounts
CVE01521	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
✿ Branch circuit protection
✿ Two stages with dual compressor system

Refrigeration Circuit
✿ 15 ton nominal scroll compressor or two 7.5 ton nominal scroll compressors
✿ Air-cooled condenser copper/aluminum
✿ Stainless steel brazed plate evaporator
✿ Thermostatic expansion valve
✿ Liquid-line filter drier
✿ Refrigerant sight glass
✿ Refrigeration suction and discharge service access valves

Physical Data	CE-15-A
Unit Dimensions	64" L x 39" W x 72"H
Crated Dimensions	70" L x 43" W x 78"H
Dry Weight	2,250 lbs.
Operating Weight	2,850 lbs.
Oil Weight	20 pt.
Refrigerant Weight	25 lbs.
Piping Connections	1-1/2"
Electrical Connections	1-1/4"
Reservoir Capacity	75 Gallons
Condenser CFM	10,500 CFM



Electrical Data																		
Single Comp.	Volts	Phase	HZ	Compressor (Each)			Fan (Each)			System Pump			Bypass Pump			Total FLA	MFS	MCA
	Qty	HP	RLA	Qty	HP	FLA	Qty	HP	FLA	Qty	HP	FLA	Qty	HP	FLA			
Single Comp.	230	3	60	1	15	43.6	2	1.0	5.0	1	1.5	4.6	1	0.17	1.0	59.2	113.7	70.1
	460	3	60	1	15	21.8	2	1.0	2.5	1	1.5	2.3	1	0.17	0.5	29.6	56.9	35.1
Dual Comp.	230	3	60	2	7.5	22.6	2	1.0	5.0	1	1.5	4.6	1	0.17	1.0	60.8	89.1	66.5
	460	3	60	2	7.5	11.3	2	1.0	2.5	1	1.5	2.3	1	0.17	0.5	30.4	44.5	33.2

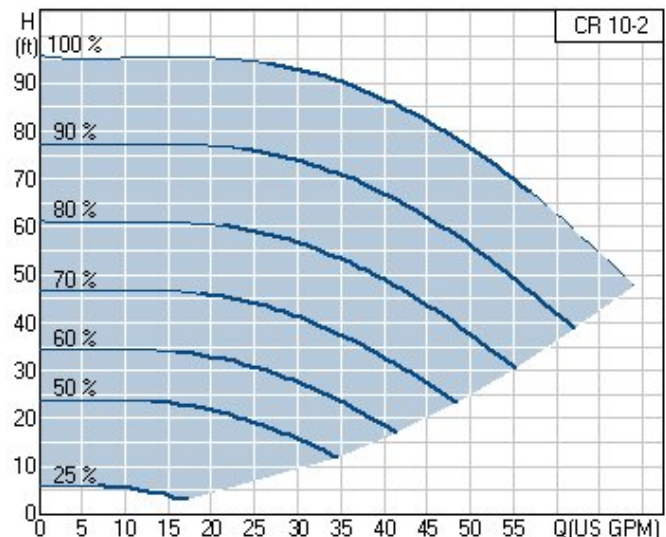
NOTES:

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-15-A
LCT °F	Ambient Temperature					
	75°	85°	95°	105°	115°	
60°	240.3	228.3	216.1	203.5	190.7	
55°	219.3	208.1	196.7	185.0	173.1	
50°	199.5	189.1	178.4	167.5	156.4	
45°	181.3	171.7	161.8	151.6	141.3	
40°	163.2	154.3	145.1	135.7	126.1	
35°	147.4	139.1	130.5	121.8	112.9	
30°	131.5	123.8	115.9	107.8	99.6	
25°	117.8	110.7	103.4	95.9	-	
20°	104.1	97.6	90.9	84.0	-	

* 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

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