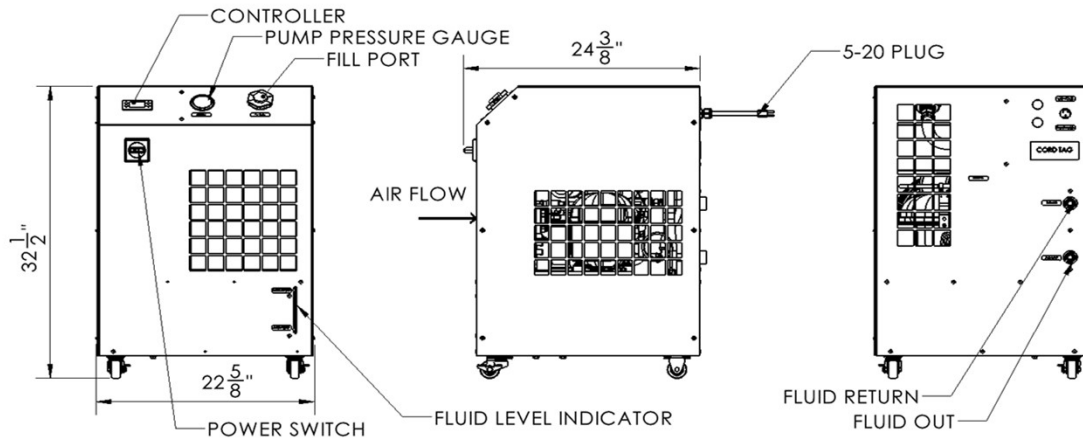




NSC0500

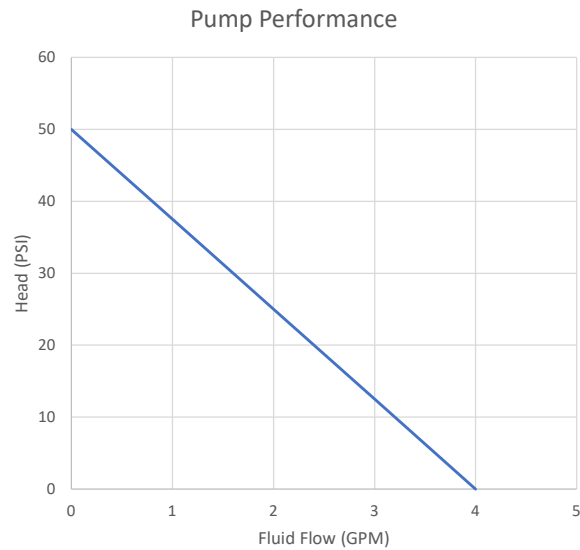
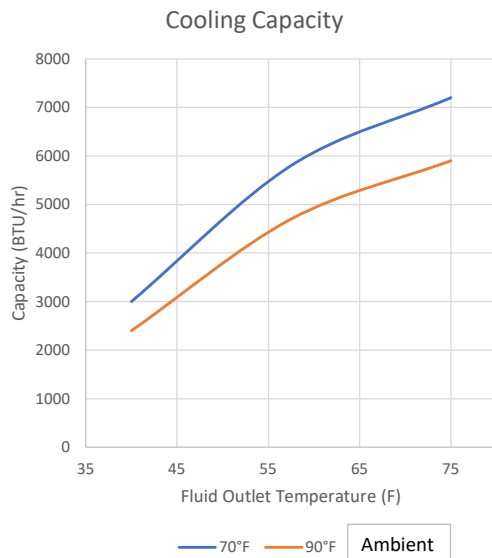
1/2 Ton Air Cooled Freeze Chiller

Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
24 3/8"	22 5/8"	32 1/2"	220 lbs	4 Gallon Poly Tank	1/2" NPT

Chiller Performance



North Slope Chillers

3130 South 1030 West, Suite 1

Salt Lake City, UT 84119

(866) 826-2993

www.NorthSlopeChillers.com

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NSC0500

Standard Features and Benefits			
Performance	Working Temperature Range	40°F(4.5°C) to 75°F(24°C)	
	Temperature Stability	±2	
	Cooling Capacity @ 70°F	70°F Ambient 40°F (4.4°C) - 3,000 BTU/hr (880 Watts) 57.5°F (14.2°C) - 5,800 BTU/hr (1,700 Watts)	
	Ambient Temperature (Standard)	40°F - 100°F	
	Pump Performance	0 GPM @ 50 PSI 2 GPM @ 25 PSI 4 GPM @ 0 PSI	
User Interface	Controls	Electronic Programmed Temperature Controller with Constant (Setpoint & Process) Temperature Readout	
	Additional Features	Fluid Level Indicator, Pump Pressure Gauge	
Refrigeration Circuit	Compressor	Copeland Reciprocating	
	Heat Exchanger	Brazed Plate Heat Exchanger	
	Refrigerant	R513a	
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Thermostatic, Low Pressure Switch, Expansion Valve (TXV)	
	Max Heat Rejection	8,700 BTU/hr (2.5 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 1/3 HP Fixed Displacement Pump With Bypass	
	Inlet/Outlet	1/2" NPT	
	Reservoir	4 Gallon Poly Tank	
	Additional Features	Inline Strainer, Process Fluid Temperature Sensor, Pump Discharge Pressure Gauge	
Construction	Frame	Galvanized Steel	
	Enclosure	Powder Coated Steel Enclosure with Easy Access Panels	
Quality	Warranty	1 Year Standard Warranty	
	UL/CSA Certified (Full Assembly)	ETL 3170655, UL STD 1994, CAN/CSA STD, C22.2 No. 236	
	Manufacturing	Manufactured in the U.S.A. Certified ISO 9001:2015 Company	
Power	Available Voltages	Max Amps (FLA)	Recommended Breaker/Service (MCA)
	120VAC /1P /60Hz (STANDARD) 208-240VAC / 1P / 60Hz	15.1 Amps (std) 9.2 Amps	18 Amps (std) 15 Amps

Optional Upgrades			
UPGRADES	Anti-Backflow Process Heating Pass-through	External Temperature Monitoring Alternate Pumps	Controllers
	More Options and Customization Available - Contact Factory for More Information		

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