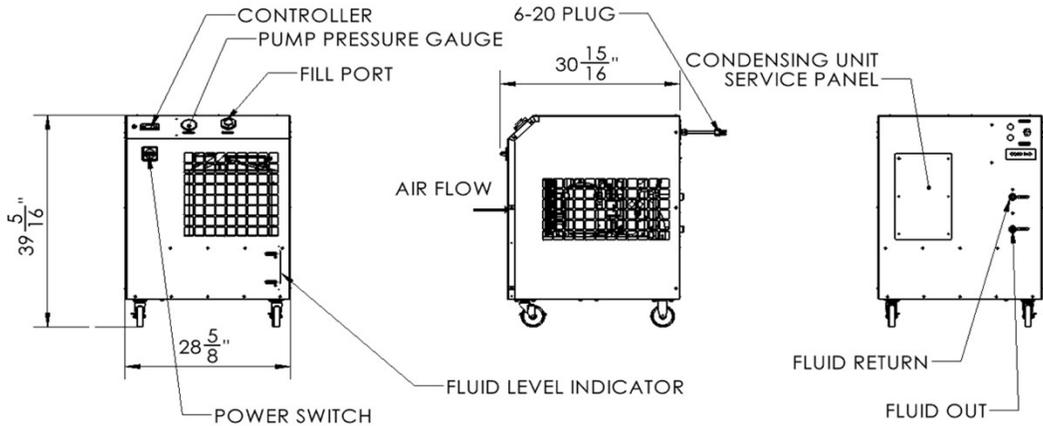




NSC1000

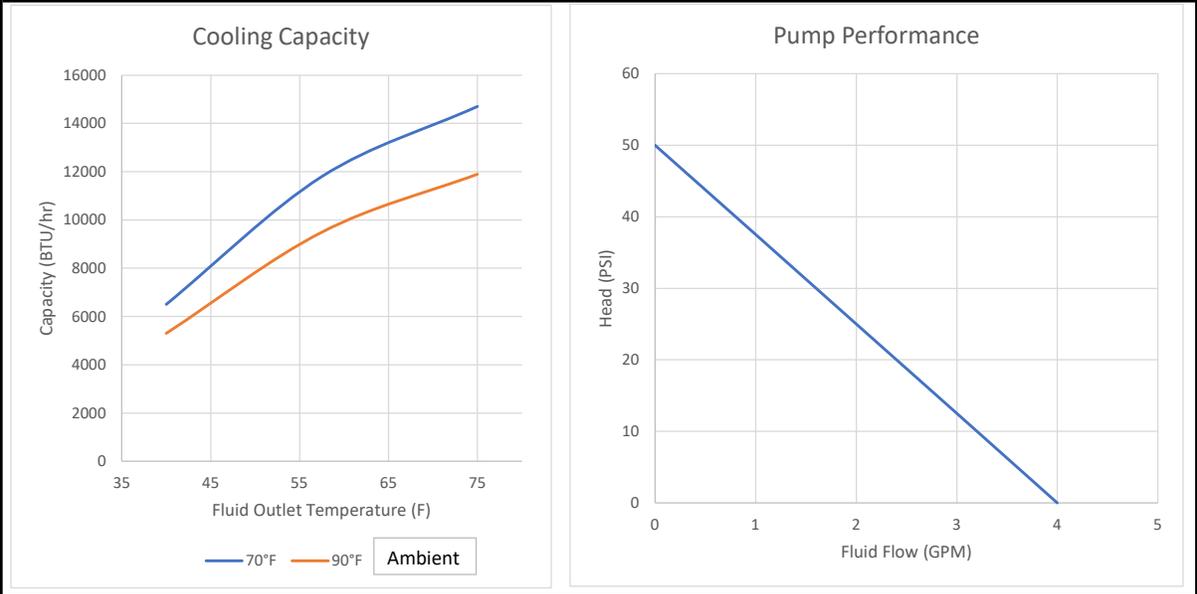
1 Ton Air Cooled Freeze Chiller

Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
$34\frac{1}{2}$ "	$28\frac{3}{4}$ "	39"	360 lbs	15 Gallon Poly Tank	1/2" NPT

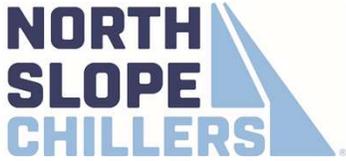
Chiller Performance



North Slope Chillers
 3130 South 1030 West, Suite 1
 Salt Lake City, UT 84119
 (866) 826-2993
www.NorthSlopeChillers.com

All Information Is For Reference Only





NSC1000

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) - 6,500 BTU/hr (1,900 Watts) 57.5°F (14.2°C) - 11,800 BTU/hr (3,460 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 Scroll		
	Heat Exchanger	Brazed Plate Heat Exchanger		
	Refrigerant	R513a		
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, High and Low Pressure Controls, Thermostatic Expansion Valve (TXV)		
	Max Heat Rejection	15,550 BTU/hr (4.6 kW)		
Process Fluid Circuit	Pump	Continuous Duty, 1/3 HP Fixed Displacement Pump With Bypass		
	Inlet/Outlet	1/2" NPT		
	Reservoir	15 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		
	Available Voltages	Max Amps (FLA)	Recommended Breaker/Service (MCA)	
Power	208-240VAC / 1P / 60Hz (STANDARD)	15.4 Amps (std)	19.4 Amps (std)	
	208-240VAC / 3P / 60Hz	14 Amps	20 Amps	
	480VAC / 3P / 60Hz	6 Amps	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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