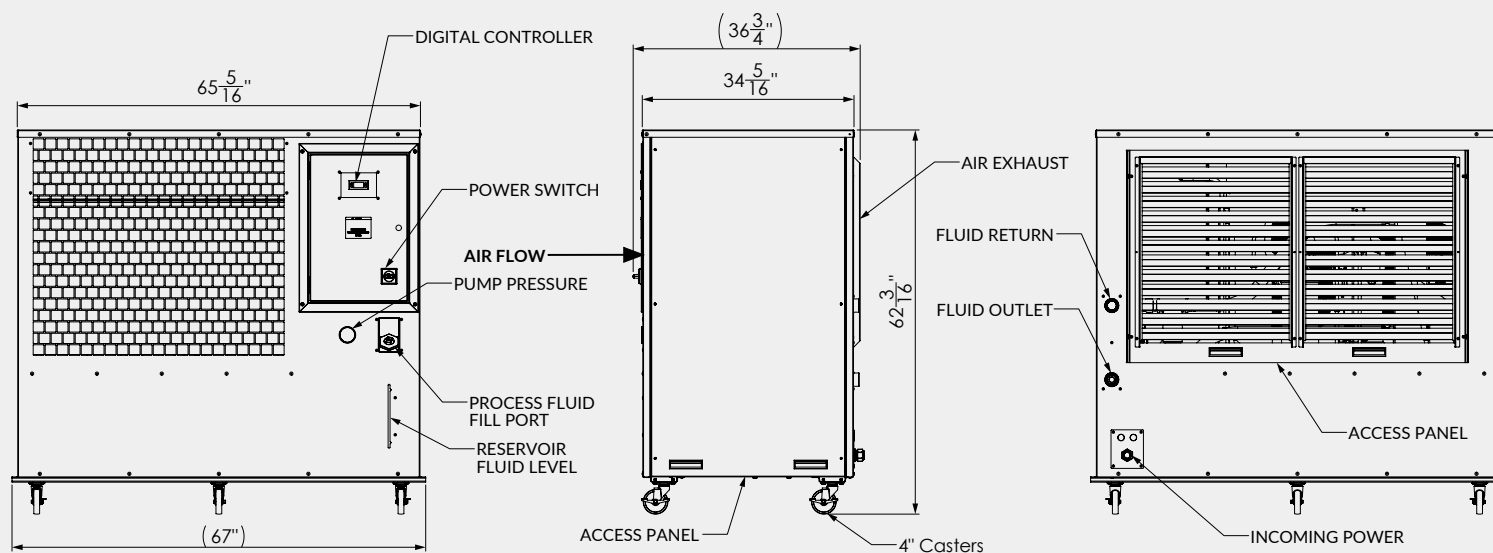




NSC5000-LT

5 TON AIR COOLED DEEP FREEZE CHILLER

DIMENSIONAL DRAWINGS



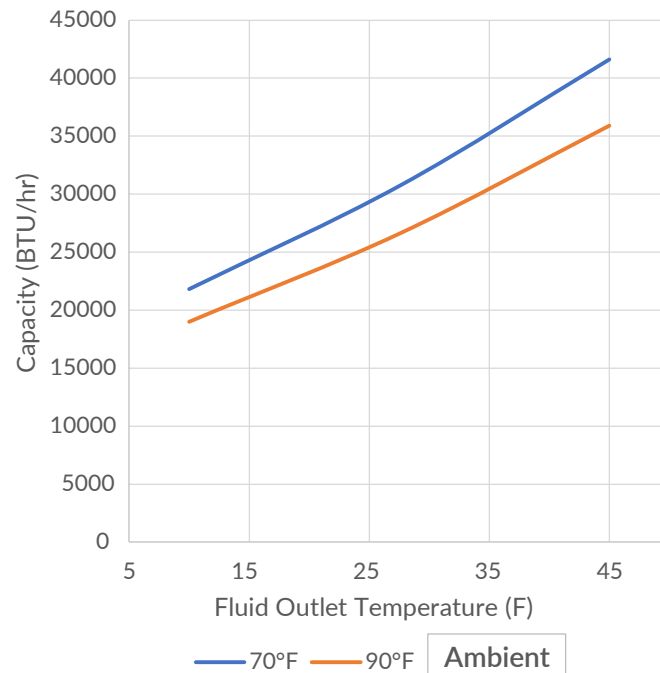
LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
34 5/16"	65 5/16"	62 3/16"	1000 lbs	50 Gallon Poly Tank	1 1/4" NPT



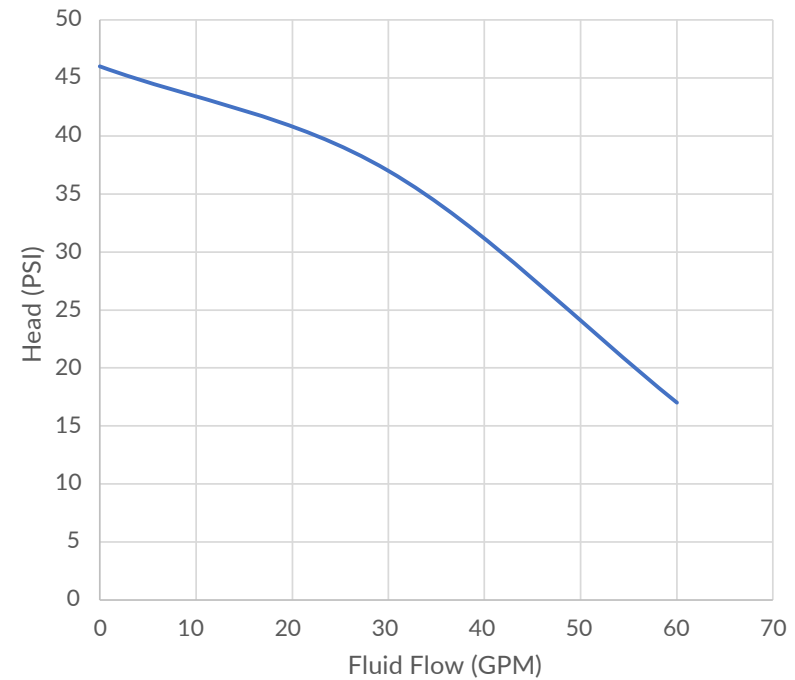
NSC5000-LT

CHILLER PERFORMANCE

COOLING CAPACITY



PUMP PERFORMANCE



All Information Is For Reference Only

PHONE: 866.826.2993

EMAIL: INFO@NORTHSLOPECHILLERS.COM

1949 SOUTH 4250 WEST, SALT LAKE CITY, UT 84104

WWW.NORTHSLOPECHILLERS.COM





NSC5000-LT



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STANDARD FEATURES AND BENEFITS

Performance	Working Temperature Range	10°F(-12°C) to 45°F(7°C)	
	Temperature Stability	±2	
	Cooling Capacity @ 70°F	70°F Ambient 10°F (-12.2°C) - 21,800 BTU/hr (6,390 Watts) 27.5°F (-2.5°C) - 30,700 BTU/hr (9,000 Watts)	
	Ambient Temperature (Standard)	40°F - 100°F	
	Pump Performance	0 GPM @ 46 PSI 30 GPM @ 37 PSI 60 GPM @ 17 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	Brazen Plate Heat Exchanger	
	Refrigerant	R448a	
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, High and Low Pressure Controls, Thermostatic Expansion Valve (TXV), Fan Cycling	
	Max Heat Rejection	79,400 BTU/hr (23.2 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 2 HP Centrifugal Pump	
	Inlet/Outlet	1-1/4" NPT	
	Reservoir	50 Gallon Poly Tank	
	Additional Features	Inline Strainer, Process Fluid Temperature Sensor, Pump Discharge Pressure Gauge, Internal Fluid Bypass Valve	
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)
	480VAC / 3P / 60Hz (STANDARD)	12.4 Amps (std)	16.6 Amps (std)
	208-240VAC / 3P / 60Hz	29.3 Amps	35 Amps
	208-240VAC / 1P / 60Hz	48 Amps	56 Amps

OPTIONAL UPGRADES

UPGRADES	Anti-Backflow Process Heating Pass-through	External Temperature Monitoring Alternate Pumps	Controllers Crating UL/CSA for Outdoor Use Extended Ambient
	More Options and Customization Available - Contact Factory for More Information		

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