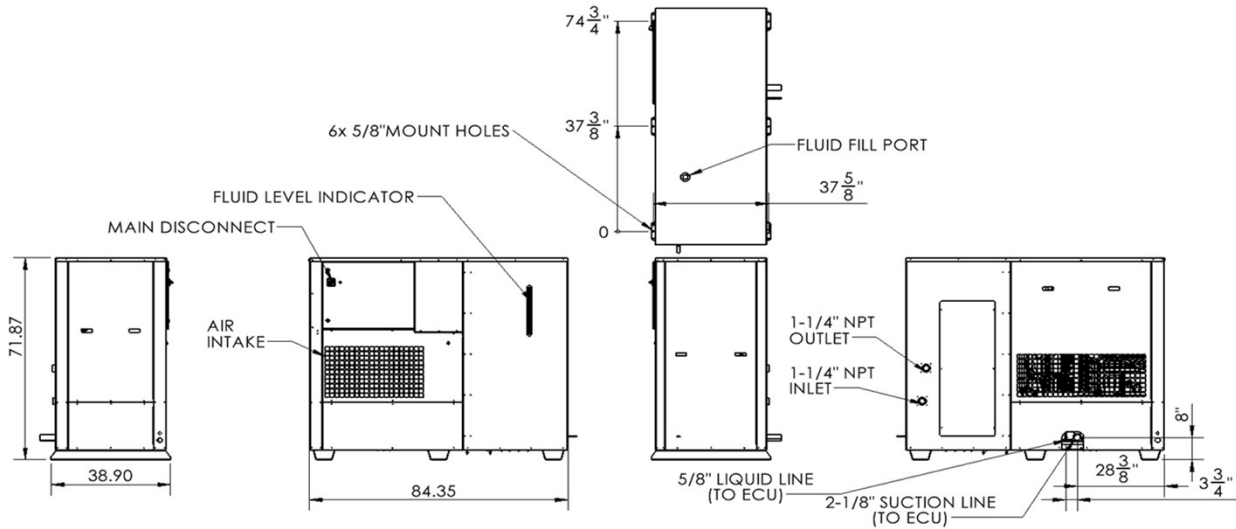


# NSC5000-ULT

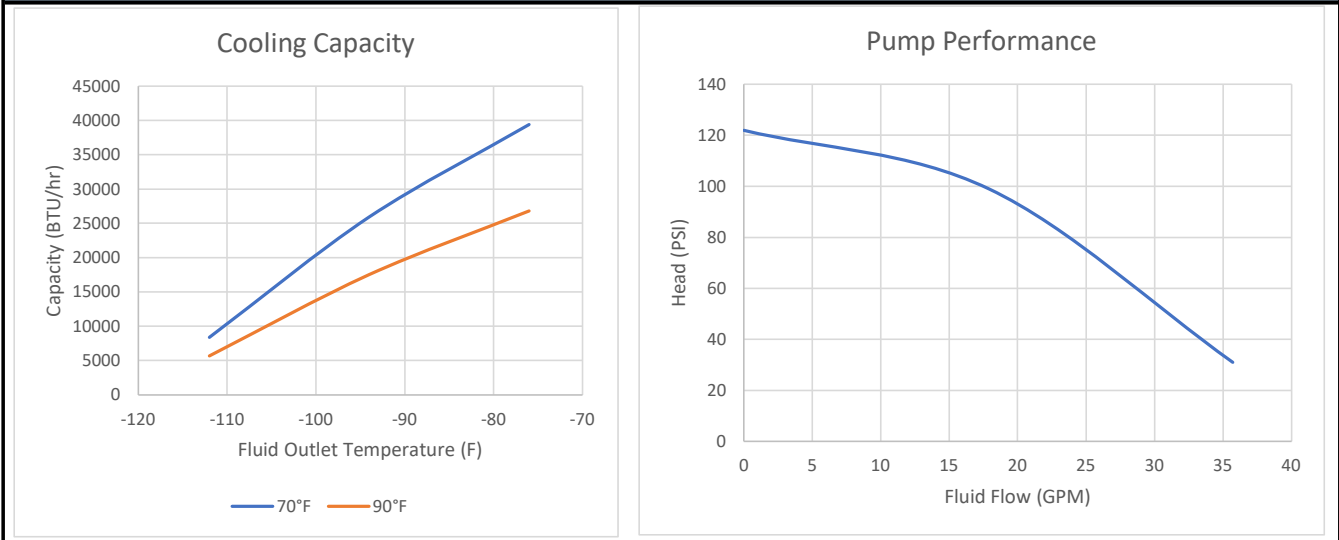
**5 Ton Air Cooled Ultra Low Temp Chiller with external condensing unit**

## Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
84"	36"	72"	0	20 Gallon Stainless Steel	1-1/4" NPT

## Chiller Performance





# NSC5000-ULT

Standard Features and Benefits		
<b>Performance</b>	Working Temperature Range	-112°F(-80°C) to +70°F(21°C)
	Temperature Stability	±2
	Cooling Capacity @ 70°F	70°F Ambient -112°F (-80°C) - 8,400 BTU/hr (2,460 Watts) -94°F (-70°C) - 25,900 BTU/hr (7,590 Watts)
	Ambient Temperature (Standard)	20°F - 110°F
	Pump Performance	0 GPM @ 122 PSI 17.9 GPM @ 99 PSI 35.7 GPM @ 31 PSI
<b>User Interface</b>	Controls	Electronic programmed temperature controller (PLC) with constant (setpoint & process) temperature readout
	Additional Features	Fluid Level Indicator, Touch Screen Controls
<b>Refrigeration Circuit</b>	Compressor	Copeland Discus
	Heat Exchanger	Braze Plate Heat Exchanger
	Refrigerant	R508B
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver,
<b>Process Fluid Circuit</b>	Pump	Continuous Duty, 3.75Kw Vortex Pump
	Inlet/Outlet	1-1/4" NPT
	Reservoir	20 Gallon Stainless Steel
	Additional Features	Inline Strainer, Inlet and Outlet temperature sensors, Pump discharge pressure transducer
<b>Construction</b>	Frame	Galvanized Steel
	Enclosure	Powder coated steel enclosure with easy access panels
<b>Quality</b>	Warranty	1 Year Parts and Labor
	UL/CSA Certified (Full Assembly)	ETL 3170655, UL STD 61010-2-011, CAN/CSA STD, C22.2 No. 61010-2-011
	Manufacturing	Manufactured in the U.S.A. Certified ISO 9001:2015 Company
<b>Power</b>	Available Voltages	Max Amps (FLA) Recommended Breaker/Service (MCA)
	480VAC / 3P / 60Hz (STANDARD)	26.7 Amps (std) 31.4 Amps (std)

Optional Upgrades		
<b>UPGRADES</b>	Heater Outdoor Extended Ambient	External Temperature Monitoring Pumps
	Controller Crating	
<b>More options and customization available, contact factory for more information (866) 826-2993</b>		

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

All information is for reference only