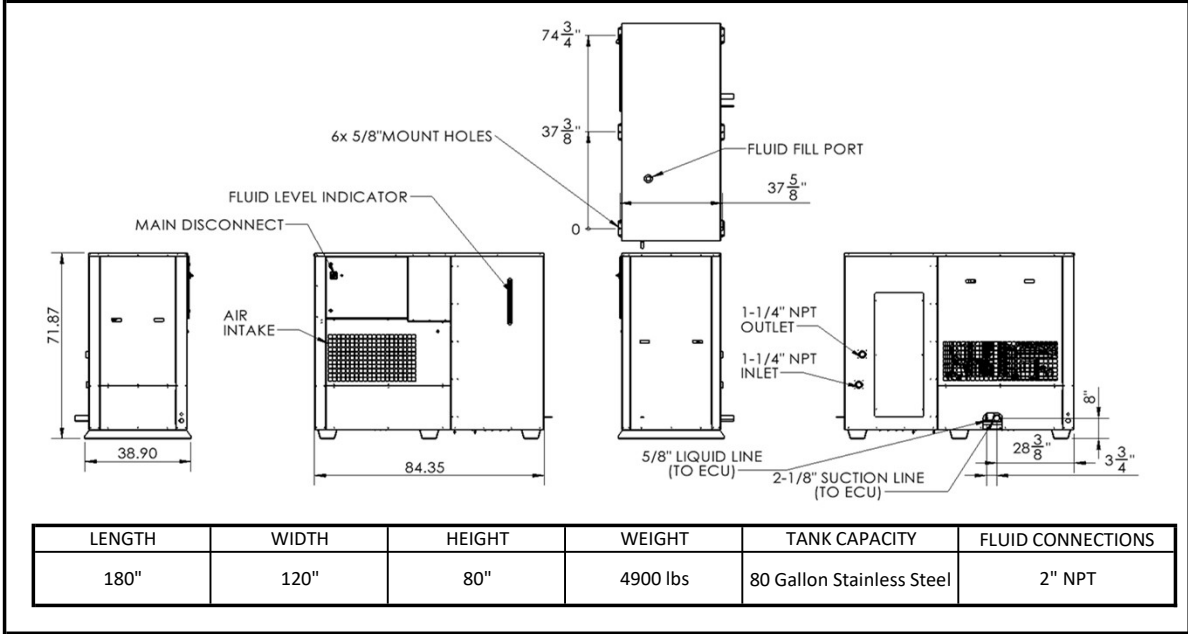




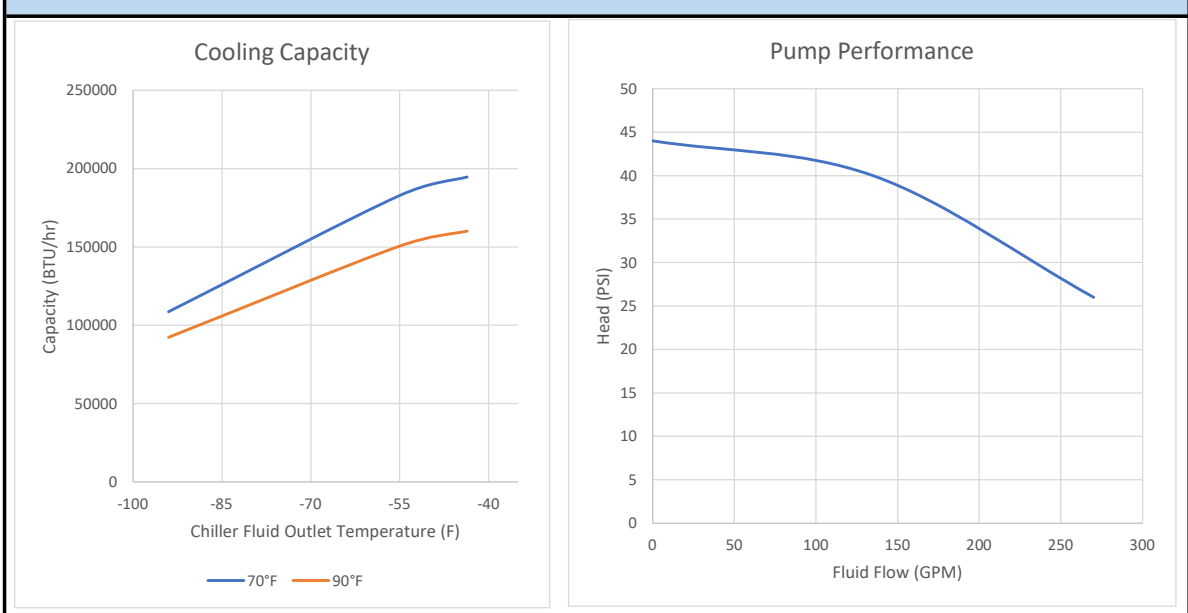
AG-CHILL 15 Ton Air Cooled Ultra Low Temp Chiller (Qty 3 NSC5000-ULT in Parallel)

NSC15000-ULT

Dimensional Drawings



Chiller Performance



AG-Optimists, LLC
 3130 South 1030 West, Suite 1
 Salt Lake City, UT 84119
 (541) 610-6858
www.ag-chill.com

All Information Is For Reference Only





NSC15000-ULT

Standard Features and Benefits			
Performance	Working Temperature Range	-112°F(-80°C) to 70°F(21°C)	
	Temperature Stability	±2	
	Cooling Capacity at 70F	-94°F (-70°C) - 108,600 BTU/hr (31,830 Watts) -55°F (-48.3°C) - 182,900 BTU/hr (53,600 Watts) -43.6°F (-42°C) - 194,700 BTU/hr (57,060 Watts)	
	Ambient Temperature (Standard)	40°F - 100°F	
	Pump Performance	0 GPM @ 44 PSI 135 GPM @ 40 PSI 270 GPM @ 26 PSI	
User Interface	Controls	Electronic Programmed Temperature Controller (PLC) with Constant (Setpoint & Process) Temperature Readout	
	Additional Features	Fluid Level Indicator, Touch Screen Controls	
Refrigeration Circuit	Compressor	Copeland Discus	
	Heat Exchanger	Braze Plate Heat Exchanger	
	Refrigerant	R508B	
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, Thermostatic Expansion Valve (TXV), Oil Separator	
	Max Heat Rejection	120,000 BTU/hr (35.1 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 15 HP Centrifugal Pump	
	Inlet/Outlet	2" NPT	
	Reservoir	80 Gallon Stainless Steel	
	Additional Features	Inline Strainer, Inlet and Outlet Temperature Sensors, Pump Discharge Pressure Transducer	
Construction	Frame	Galvanized Steel	
	Enclosure	Powder Coated Steel Enclosure with Easy Access Panels	
Quality	Warranty	1 Year Standard Warranty	
	UL/CSA Certified (Full Assembly)	Certified for Outdoor Use 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	
Power	Available Voltages	Max Amps (FLA)	Recommended Breaker/Service (MCA)
	480VAC / 3P / 60Hz (STANDARD)	80.1 Amps (std)	94.2 Amps (std)

Optional Upgrades			
UPGRADES	Process Heating UL/CSA Outdoor Certified Extended Ambient (-15°F)	External Temperature Monitoring Alternate Pumps	Controller Auto Start Remote Start Crating
	More Options and Customization Available - Contact Factory for More Information		

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