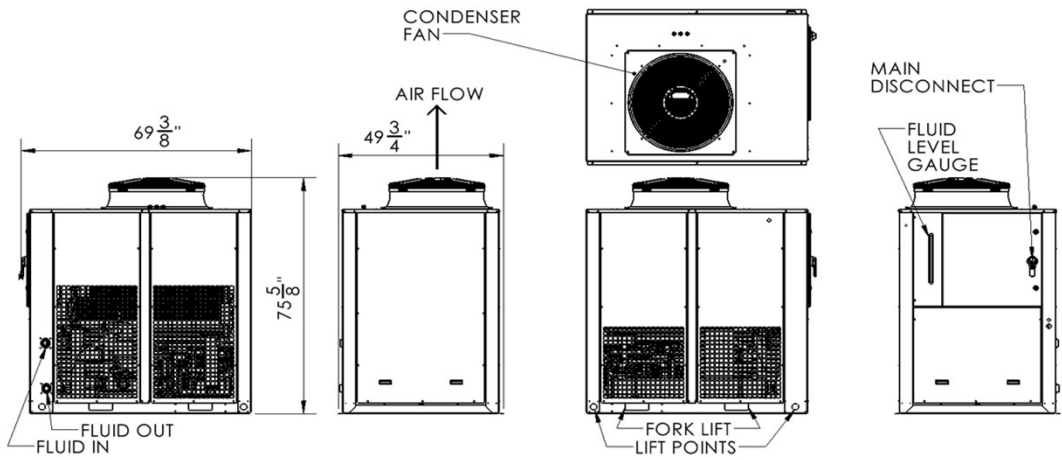




NSC5000-SLT

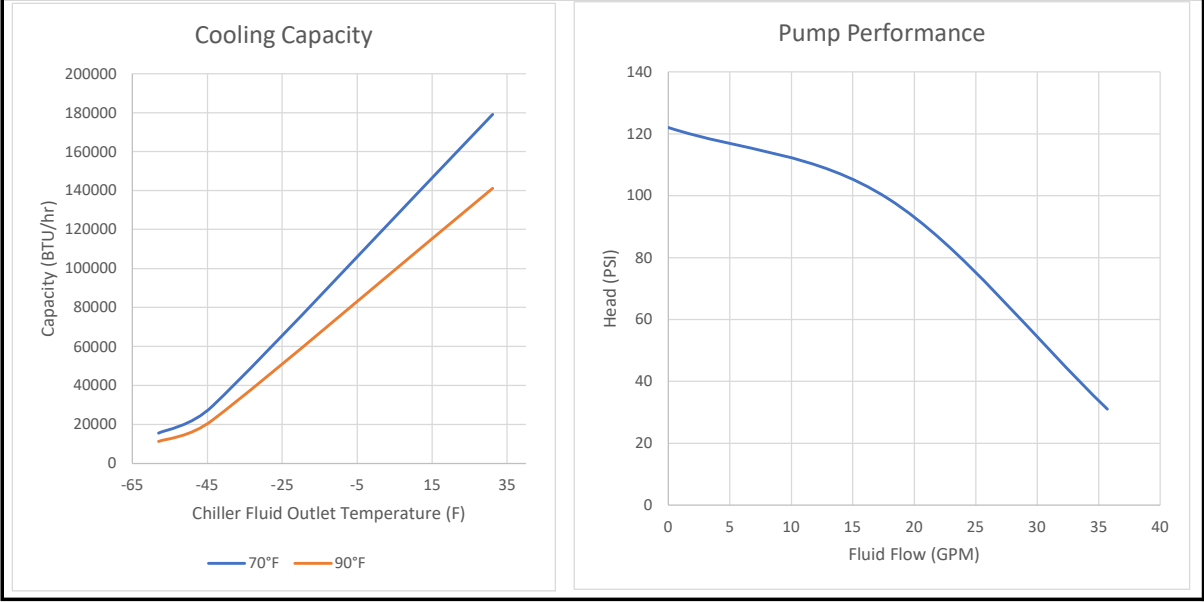
5 Ton Air Cooled Super Low Temp Chiller

Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
49 3/4"	69 3/8"	75 5/8"	1250 lbs	15 Gallon Stainless Steel	1-1/2" NPT

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





NSC5000-SLT

Standard Features and Benefits		
Performance	Working Temperature Range	-58°F(-50°C) to 10°F(-12°C)
	Temperature Stability	±2
	Cooling Capacity at 70F	-58°F (-50°C) - 15,500 BTU/hr (4,540 Watts) -43.6°F (-42°C) - 29,500 BTU/hr (8,650 Watts) 31.1°F (-0.5°C) - 179,000 BTU/hr (52,460 Watts)
	Ambient Temperature (Standard)	20°F - 100°F
	Pump Performance	0 GPM @ 122 PSI 17.9 GPM @ 99 PSI 35.7 GPM @ 31 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	Bitzer 2 Stage Reciprocating
	Heat Exchanger	Braze Plate Heat Exchanger
	Refrigerant	R404a
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, Suction Accumulator, Thermostatic Expansion Valve (TXV)
	Max Heat Rejection	165,100 BTU/hr (48.3 kW)
Process Fluid Circuit	Pump	Continuous Duty, 3.75kW Vortex Pump
	Inlet/Outlet	1-1/2" NPT
	Reservoir	15 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)	46 Amps (std) 53.1 Amps (std)

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

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