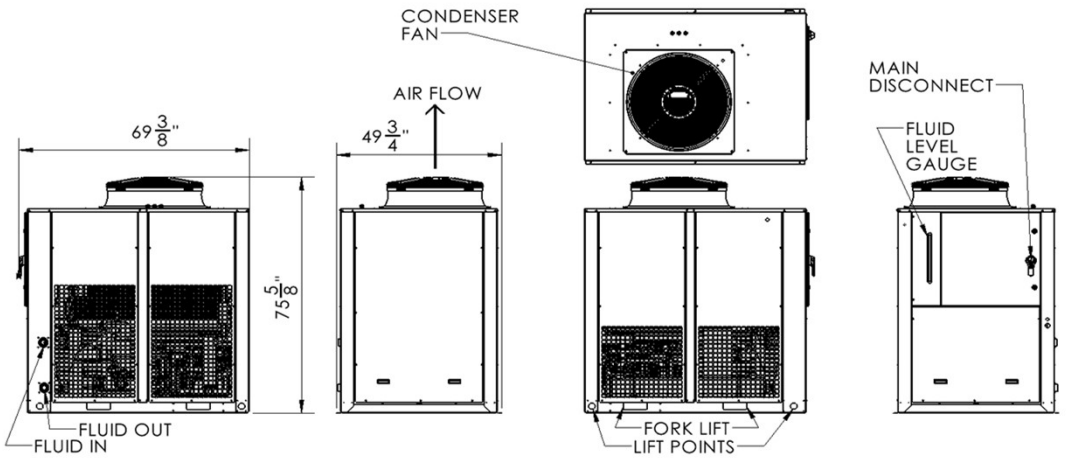
AG10000-SLT

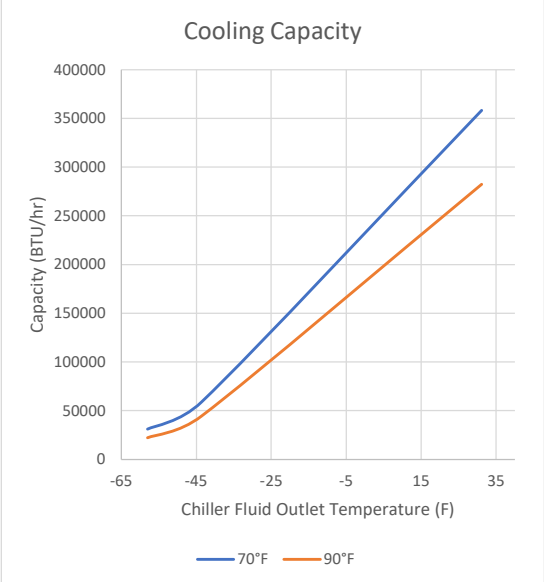
10 Ton Air Cooled Super Low Temp Chiller (Qty 2 AG5000-SLT)

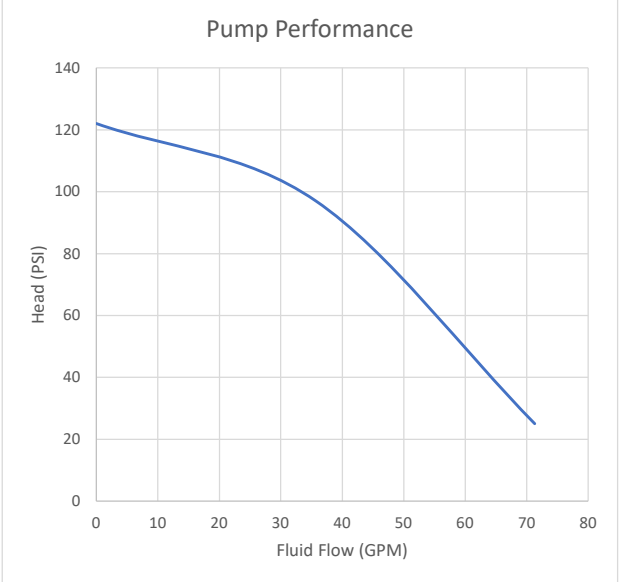
Dimensional Drawings



DEPTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
49 3/4"	69 3/8"	75 5/8"	2500 lbs	30 Gallon Stainless Steel	1-1/2" NPT

Chiller Performance





AG-Optimists, LLC
3130 South 1030 West, Suite 1
Salt Lake City, UT 84119
(801) 244-9769
www.ag-optimists.com

All Information Is For Reference Only

MADE IN THE USA

AG10000-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) - 31,100 BTU/hr (9,110 Watts) -43.6°F (-42°C) - 58,900 BTU/hr (17,260 Watts) 31.1°F (-0.5°C) - 358,000 BTU/hr (104,920 Watts)	
	Ambient Temperature (Standard)	20°F - 100°F	
	Pump Performance	0 GPM @ 122 PSI 35.7 GPM @ 97 PSI 71.3 GPM @ 25 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	Brazed 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	315,200 BTU/hr (92.3 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 7.5kW Vortex Pump	
	Inlet/Outlet	1-1/2" NPT	
	Reservoir	30 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)	92 Amps (std)	106.2 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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