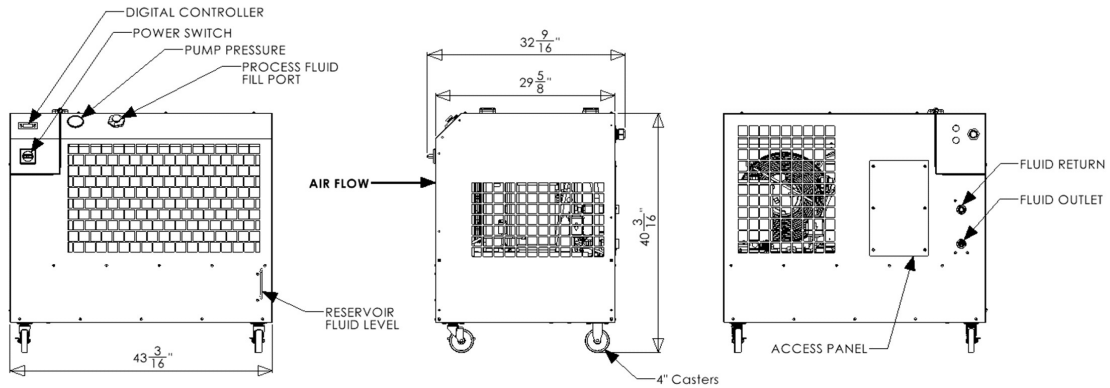




K2L02-LT

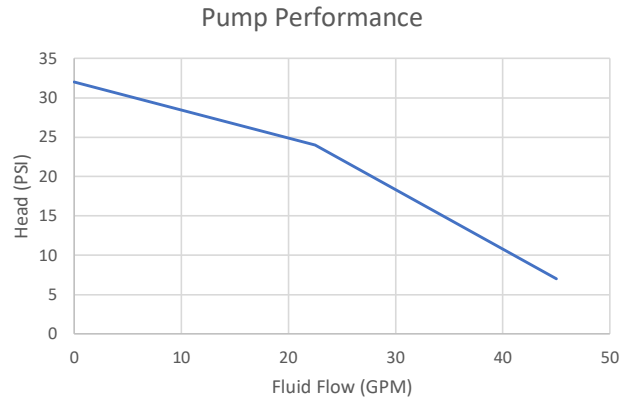
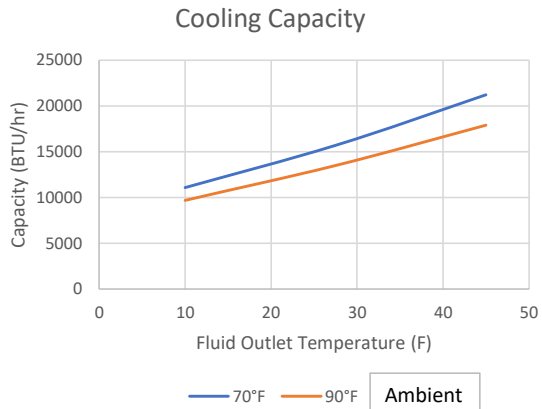
2 Ton K2L Air Cooled Deep Freeze Chiller

Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
34 ³ / ₄ "	43 ³ / ₄ "	40"	550 lbs	15 Gallon Poly Tank	3/4" Female NPT

Chiller Performance



North Slope Chillers

1949 South 4250 West
Salt Lake City, UT 84104
(866) 826-2993

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K2L02-LT

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) - 11,100 BTU/hr (3,250 Watts) 27.5°F (-2.5°C) - 15,700 BTU/hr (4,600 Watts)	
	Ambient Temperature (Standard)	40°F - 100°F	
	Pump Performance	0 GPM @ 32 PSI 22.5 GPM @ 24 PSI 45 GPM @ 7 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 Type	Copeland Scroll	
	Compressor Speed	Fixed Speed	
	Setup	Single Circuit	
	Heat Exchanger	Braze Plate Heat Exchanger	
	Refrigerant	R454a	
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, Thermostatic Expansion Valve (TXV)	
	Max Heat Rejection	39,400 BTU/hr (11.5 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 3/4 HP Centrifugal Pump	
	Inlet/Outlet	3/4" Female NPT	
	Reservoir	15 Gallon Poly Tank	
	Additional Features	Inline Strainer, Process Fluid Temperature Sensor, Pump Discharge Pressure Gauge, Internal	
Construction	Frame	Galvanized Steel	
	Enclosure	Powder Coated Steel Enclosure with Easy Access Panels	
Quality	Warranty	1-Year Warranty: Parts & Labor (U.S.), Parts-Only (International)	
	UL/CSA Certified (Full Assembly)	ETL Listed, UL STD 60335-1 & 60335-2-89, CAN/CSA STD C22.2 No. 60335-1 & No. 60335-2-89	
	Manufacturing	Manufactured in the U.S.A.	
Power	Available Voltages	Max Amps (FLA)	Recommended Breaker/Service (MCA)
	208-240VAC / 1P / 60Hz (STANDARD)	30.9 Amps (std)	36.7 Amps (std)
	208-240VAC / 3P / 60Hz	20.1 Amps	23.9 Amps
	480VAC / 3P / 60Hz	9.3 Amps	11.1 Amps

All specifications, dimensions, and performance data are subject to change without notice as part of our ongoing product improvement and regulatory compliance efforts.

Optional Upgrades			
UPGRADES	Extended Temps down to -22°F (-30°C)	Multiple inlet/outlet ports	Multiple sensors
	Water Cooled	Anti-Backflow	Remote Start/Stop
	Upgraded Pumps	Alternate process fluids	Outdoor Rated
	Process heater	Smart Controller	Extended Ambient (Down to -20°F)
More Options and Customization Available - Contact Factory for More Information			

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