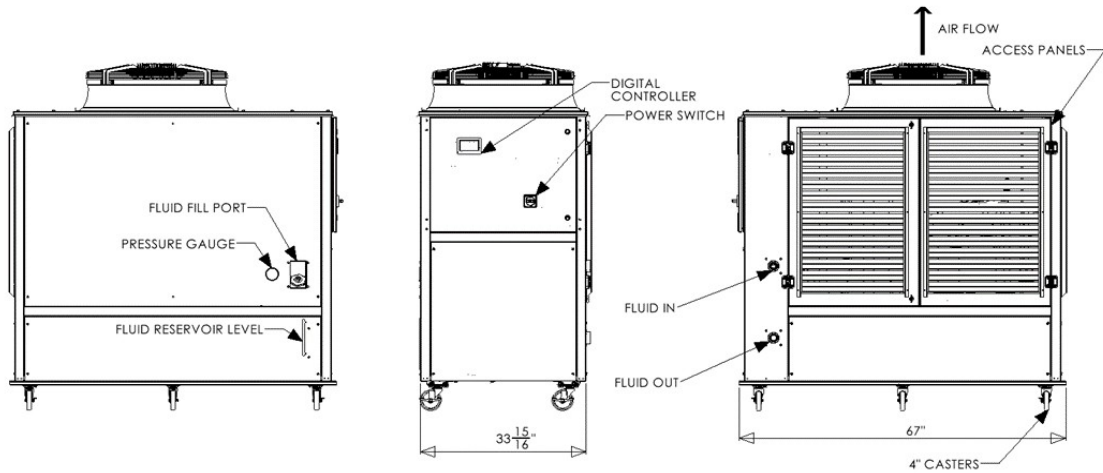




K2L10

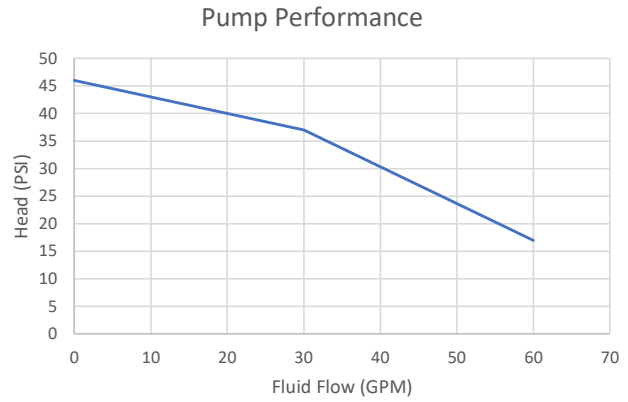
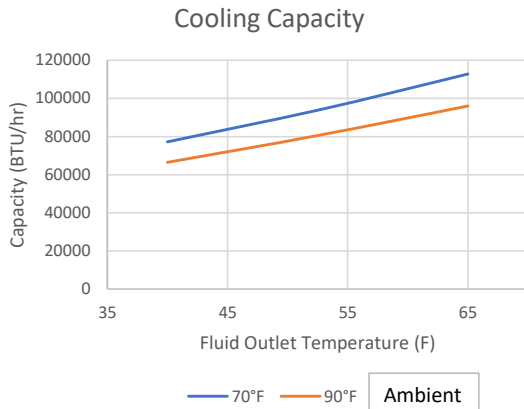
10 Ton K2L Air Cooled Freeze Chiller

Dimensional Drawings



LENGTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
35.5"	67"	74.5"	1800 lbs	50 Gallon Poly Tank	1-1/4" Female NPT

Chiller Performance



North Slope Chillers

1949 South 4250 West

Salt Lake City, UT 84104

(866) 826-2993

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K2L10

Standard Features and Benefits			
Performance	Working Temperature Range	40°F(4.5°C) to 65°F(18°C)	
	Temperature Stability	±2	
	Cooling Capacity @ 70°F	70°F Ambient 40°F (4.4°C) - 77,200 BTU/hr (22,630 Watts) 52.5°F (11.4°C) - 93,800 BTU/hr (27,490 Watts)	
	Ambient Temperature (Standard)	40°F - 100°F	
	Pump Performance	0 GPM @ 46 PSI 30 GPM @ 37 PSI 60 GPM @ 17 PSI	
User Interface	Controls	Electronic Programmable HMI/PLC Controller with Integrated Modbus TCP Communication and System Monitoring/Control Interface	
	Additional Features	Fluid Level Indicator, Pump Pressure Gauge	
Refrigeration Circuit	Compressor Type	Copeland Scroll	
	Compressor Speed	Fixed Speed or Variable	
	Setup	Single Circuit	
	Heat Exchanger	Braze Plate Heat Exchanger	
	Refrigerant	R454b	
	Additional Features	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, High and Low Pressure Controls, Thermostatic Expansion Valve (TXV), A2L Leak Detection	
	Max Heat Rejection	155,500 BTU/hr (45.5 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 2 HP Centrifugal Pump	
	Inlet/Outlet	1-1/4" Female NPT	
	Reservoir	50 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)
	480VAC / 3P / 60Hz (STANDARD)	24.0 Amps (std)	27.8 Amps (std)
	208-240VAC / 3P / 60Hz	45.4 Amps	53.8 Amps
	575VAC / 3P / 60Hz	20.3 Amps	23.6 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	Digital Compressor Modulation	Pass-Through	Multiple sensors
	Water Cooled	Multiple inlet/outlet ports	Remote Start/Stop
	Upgraded Pumps	Anti-Backflow	Extended Ambient (Down to -20°F)
	Process heater	Alternate process fluids	
More Options and Customization Available - Contact Factory for More Information			

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