

# NSC Freeze

NSC Freeze is an industrial grade chiller ideal for continuous critical cooling solutions. With a robust condensing unit, stainless steel reservoir, and high horsepower pump, Freeze is dependable and powerful, cooling fluids between 42°F - 80°F.

## STANDARD CHILLER FEATURES

- Rated at ambient temperatures from 35°F to 100°F
- Hermetically sealed compressor
- Continuous duty, non-ferrous pump
- Non-ferrous piping system
- Submersed copper coil evaporator
- Stainless steel tank with fully welded stainless steel couplers
- Environmentally acceptable R134a refrigerant
- Powder-coated steel cabinet (stainless steel is also available)



Model Number	Fluid Temperature Range (F)	Refrigerant	Pump	Reservoir Capacity	Cooling Capacity (BTU/hr)	Dimensions	Weight (Approx)	Amps	Voltage
NSC0500	42°F - 80°F	r134a	4 GPM @ 50 PSI	3.5 Gallon	6,000	28 1/4" L x 22 1/2" W x 32 1/2" H	175 lbs	15A @ 110V	110V
NSC1000	42°F - 80°F	r134a	4 GPM @ 50 PSI	12 Gallon	12,000	34 1/2" L x 28 1/4" W x 39" H	260 lbs	14A @ 230V/1	230/1(standard), 230/3 or 460/3
NSC2000	42°F - 80°F	r134a	10 GPM @ 28 PSI	12 Gallon	24,000	34 3/4" L x 43 1/4" W x 40" H	390 lbs	22A @ 230V/1	230/1(standard), 230/3 or 460/3



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# NSC FREEZE FEATURES

## THE GOLD STANDARD

Meet the compact chiller that is both dependable and powerful. Freeze is North Slopes' standard industrial chiller that cools fluids between 42°F-80°F. A small workhorse, Freeze boasts a robust condensing unit, a stainless steel reservoir, and high horsepower. It's a lot of chilling power in a little package.



**CHILLER:** Air-cooled, stand-alone chiller designed for indoor operation. Capacity is up to 24,000 BTU's/hr at rated conditions. Set up for ambient temperatures 35°F to 100°F (for higher or lower ambient conditions please consult North Slope).



**COMPRESSOR/CONDENSING UNIT:** The Copeland Condensing Unit is the most energy efficient and reliable of its size.



**PUMP:** This chiller is equipped with a continuous duty, non-ferrous pump. The fluid types are to be water or water/glycol (for other fluids consult factory). Output pressure gauge is standard.



**EVAPORATOR:** Submersed copper coil continuously formed is the most reliable design in the industry. It is less susceptible to freezing and fluid contaminations.



**RESERVOIR:** Stainless steel tank with fully welded stainless steel couplers; it will include: drain, sight glass, and manual fill tube. The sight glass is easily visible from the exterior of the chiller.



**ELECTRICAL:**

- Available as 115v/1/50-60Hz or 230/1/50-60Hz
- On/Off