

NSC Deep Freeze

NSC Deep Freeze is an industrial grade chiller featuring an intense temperature range of 10°F - 60°F. All internal components of Deep Freeze are insulated to enhance efficiency. If you need a liquid cooling system that is both reliable and as cold as it gets, look to Deep Freeze.

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
- Corrosion resistant, thermally insulated reservoir
- Environmentally acceptable r404a refrigerant
- Powder-coated steel cabinet
- Available voltage: 110v, 230/1, 230/3, 460/3
- Mounted on 4 casters for easy mobility

REFRIGERATION

- This series of chillers is totally self-contained and requires only a power connection
- High side filter drier
- Thermostatic expansion valve
- Liquid line sight glass
- High and low side pressure switches
- Full refrigerant charge
- Environmentally friendly R-404A



Model Number	Fluid Temperature Range (F)	Refrigerant	Pump	Reservoir Capacity	Cooling Capacity (BTU/hr)	Dimensions	Weight (Approx)	Amps	Voltage
NSC1000-LT	10°F - 60°F	r404a	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-LT	10°F - 60°F	r404a	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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Try North Slope with Beacon Controllers

NSC DEEP FREEZE FEATURES

THE COLDEST OF THE COLD

Bring on Deep Freeze for ultimate industrial cooling. Intended to provide supreme industrial chilling, Deep Freeze shares many of the same hefty qualities of Freeze, along with the capacity to cool from 10°F to 60°F and fully insulated internal parts to ensure no internal temperature loss. Keep your critical materials and equipment cool even in hot conditions.



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