

# 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 45°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 or outdoor operation, depending on the model. Capacity is up to 90,000 BTU's/hr at rated conditions.



**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, or stainless steel pump. The fluid types are to be water or water/glycol (for other fluids consult factory). Output pressure gauge is standard.



**RESERVOIR:** Stainless steel or plastic tank with fully welded stainless steel or plastic 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 230v/1/50-60Hz or 460/3/50-60Hz, depending on model
- On/Off



## STANDARD CHILLER FEATURES

- Rated at ambient temperatures from 40°F - 100°F
- Copeland, hermetically sealed, compressor
- Continuous duty, non-ferrous pump
- Non-ferrous piping system
- Corrosion resistant, thermally insulated reservoir
- Environmentally acceptable r404a refrigerant
- Powder-coated steel cabinet
- Available voltage: 230/1, 230/3, 460/3
- Mounted on 4 casters for easy mobility



**NEED A CUSTOM SOLUTION?**  
*we've got you covered!*

# DEEP FREEZE by North Slope Chillers

Product Type	Model Number	Fluid Temp Range (F)	Refrigerant	Pump			Reservoir Capacity	Cooling Capacity (BTU/hr)	Dimensions	Weight (Approx)	Amps	Voltage
DEEP FREEZE  OUTDOOR   OUTDOOR	NSC0500-LT	10°F - 45°F	R404a	Continuous Duty, non-ferrous	1/3 HP Fixed Displacement Pump	4 GPM Fixed 50 PSI Max	3.5 Gallon Stainless Steel Reservoir	10°F - 2,500 BTU/hr 45°F - 5,070 BTU/hr	28.25"L x 22.5"Wx32.5"H	220 lbs	12.8A @ 110/1/60 (Std)	110/1/60 (Std)
	NSC1000-LT	10°F - 45°F	R404a	Continuous Duty, non-ferrous	1/3 HP Fixed Displacement Pump	4 GPM Fixed 50 PSI Max	13 Gallon Stainless Steel Reservoir	10°F - 5,900 BTU/hr 45°F - 11,900 BTU/hr	34½"L x 28½"W x 39"H	360 lbs	14.1A @ 230/1/60 (Std) 10.9A @ 230/3/60 6.1A @ 460/3/60	230/1/60 (Std) 230/3/60 460/3/60
	NSC2000-LT	10°F - 45°F	R404a	Continuous Duty, Stainless Steel	3/4 HP Centrifugal Pump	15 GPM @ 28 PSI 25 GPM @ 23 PSI 35 GPM @ 16 PSI 45 GPM Max	13 Gallon Stainless Steel Reservoir	10°F - 13,800 BTU/hr 45°F - 27,200 BTU/hr	34½"L x 43¾"W x 40"H	550 lbs	24.0A @ 230/1/60 (Std) 20.2A @ 230/3/60 10.7A @ 460/3/60	230/1/60 (Std) 230/3/60 460/3/60
	NSC5000-LT	0°F - 45°F	R404a	Continuous Duty, Stainless Steel	1-1/2 HP Centrifugal Pump	15 GPM @ 39 PSI 30 GPM @ 35 PSI 45 GPM @ 28 PSI 60 GPM Max	50 Gallon Plastic Reservoir	0°F - 19,200 BTU/hr 45°F - 44,900 BTU/hr	34"L x 65"W x 62"H	1000 lbs	13.7A @ 460/3/60 (Std) 28.6A @ 230/3/60 34.7A @ 230/1/60	460/3/60 (Std) 230/3/60 230/1/60
	NSC5000E-LT	0°F - 45°F	R404a	Continuous Duty, Stainless Steel	1-1/2 HP Centrifugal Pump	15 GPM @ 39 PSI 30 GPM @ 35 PSI 45 GPM @ 28 PSI 60 GPM Max	50 Gallon Plastic Reservoir	0°F - 19,200 BTU/hr 45°F - 44,900 BTU/hr	34"L x 65"W x 62"H	1000 lbs	13.7A @ 460/3/60 (Std) 28.6A @ 230/3/60 34.7A @ 230/1/60	460/3/60 (Std) 230/3/60 230/1/60
	NSC10000-LT	10°F - 45°F	R404a	Continuous Duty, Stainless Steel	2 HP Centrifugal Pump	15 GPM @ 54 PSI 30 GPM @ 48 PSI 45 GPM @ 40 PSI 65 GPM Max	50 Gallon Plastic Reservoir	15°F - 53,000 BTU/hr 45°F - 90,000 BTU/hr	34"L x 65"W x 62"H	1150 lbs	26.6A @ 460/3/60 (Std) 55.5A @ 230/3/60	460/3/60 (Std) 230/3/60
	NSC10000E-LT	10°F - 45°F	R404a	Continuous Duty, Stainless Steel	2 HP Centrifugal Pump	15 GPM @ 54 PSI 30 GPM @ 48 PSI 45 GPM @ 40 PSI 65 GPM Max	50 Gallon Plastic Reservoir	15°F - 53,000 BTU/hr 45°F - 90,000 BTU/hr	34"L x 65"W x 62"H	1150 lbs	26.6A @ 460/3/60 (Std) 55.5A @ 230/3/60	460/3/60 (Std) 230/3/60



**WANT GREATER PEACE OF MIND?**

Try North Slope with Beacon Controllers

## THE COMPLETE SOLUTION

Often, a cooling solution requires engineering expertise and custom attention. As a premier industrial chiller manufacturer, North Slope Chillers is happy to create the complete cooling solution to quickly meet your needs.

North Slope Chillers' world-class engineering team solve every kind of temperature problem from simple to very complex. Our expertise guarantees satisfied customers in a very short turnaround time.



**WORLD -CLASS  
CUSTOM CAPABILITIES**



**SHORTEST INDUSTRY  
LEAD TIMES**