



DEEP FREEZE IS AG-CHILL'S MOST ROBUST CHILLER

HOW LOW CAN YOU GO?

Bring on Deep Freeze for ultimate industrial cooling. Designed to provide supreme industrial chilling. Deep Freeze shares many of the same robust qualities as our Freeze models, along with the capacity to cool from +70°F to -112°F (+21°C to -80°C). Fully insulated internal parts to ensure no internal temperature loss. Keep your critical materials, equipment, and processes cold even in hot conditions.



Shortest Industry Lead Times
UL/CSA Certified
Award Winning Manufacturer
ISO 9001
Made in the USA



Energy Efficient
Sustainable Solutions -
Wide Variety of Refrigerants Available
(R507B/R508B for ULT)

World-Class Custom Engineering Team. Wide variety of UL/CSA Certified options up to 30 tons cooling capacity 480VAC 20 HP 100 amps. Smart Chiller™ capabilities available.



Ideal process cooling solution for Biotech, Dairy, Chemicals, Cannabis, Oil Extraction, EDM, Fermentation, Hydroponics, Lasers, Printing, Welding, Food, and Plastics.



OPTIMIZED COOLING CAPACITY

PROGRAMMABLE CONTROLLER w/ MODBUS INTERFACE



SUITABLE FOR HAZARDOUS LOCATIONS

PORTABLE, SCALABLE, SIMPLE



DEEP FREEZE

www.ag-chill.com 1-541-610-6858 2400 E 6895 S, Suite 16, Cottonwood Heights, UT 84121



DEEP FREEZE AND ULTRA LOW TEMPERATURE SPECIFICATIONS

Model Number	Fluid Temp Range (F)	Ambient Temp Range	Refrigerant	Inlet/Outlet	Pump			Reservoir Capacity	Cooling Capacity (BTU/hr)	Dimensions	Max Amps (FLA)	Recommended Breaker/Service (MCA)	Available Voltages
NSC0500-LT	10°F - 45°F	40°F - 100°F	R404a	1/2" NPT	Continuous Duty, non-ferrous	1/3 HP Fixed Displacement Pump	4 GPM Fixed 50 PSI Max	4 Gallon Poly Tank	10°F - 2,500 BTU/hr 45°F - 5,070 BTU/hr	28.25"L x 22.5"W x 32.5"H	16.6 Amps	20 Amp	120/1/60 (std)
NSC1000-LT	10°F - 45°F	40°F - 100°F	R404a	1/2" NPT	Continuous Duty, non-ferrous	1/3 HP Fixed Displacement Pump	4 GPM Fixed 50 PSI Max	15 Gallon Poly Tank	10°F - 5,900 BTU/hr 45°F - 11,900 BTU/hr	34½"L x 28¾"W x 39"H	16.3 Amps (std) 14 Amps 6 Amps	20 Amp (std) 20 Amp 15 Amp	208-240/1/60 (std) 208-240/3/60 480/3/60
NSC2000-LT	10°F - 45°F	40°F - 100°F	R404a	3/4" NPT	Continuous Duty, Stainless Steel	3/4 HP Centrifugal Pump	15 GPM @ 28 PSI 25 GPM @ 23 PSI 35 GPM @ 16 PSI 45 GPM Max	15 Gallon Poly Tank	10°F - 13,800 BTU/hr 45°F - 27,200 BTU/hr	34¾"L x 43¾"W x 40"H	30.9 Amps (std) 20.1 Amps 9.2 Amps	40 Amp (std) 25 Amp 15 Amp	208-240/1/60 (std) 208-240/3/60 480/3/60
NSC5000-LT	10°F - 45°F	40°F - 90°F	R404a	1-1/4" NPT	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 Poly Tank	0°F - 19,200 BTU/hr 45°F - 44,900 BTU/hr	34"L x 65"W x 62"H	29.3 Amps 13.6 Amps (std)	35 Amp 20 Amp (std)	208-240/3/60 480/3/60 (std)
NSC5000E-LT	10°F - 45°F	0°F - 90°F	R404a	1-1/4" NPT	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 Poly Tank	0°F - 19,200 BTU/hr 45°F - 44,900 BTU/hr	34"L x 65"W x 62"H	29.3 Amps 13.6 Amps (std)	35 Amp 20 Amp (std)	208-240/3/60 480/3/60 (std)
NSC10000-LT	10°F - 45°F	40°F - 90°F	R404a	1-1/4" NPT	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 Poly Tank	15°F - 53,000 BTU/hr 45°F - 90,000 BTU/hr	34"L x 65"W x 62"H	26.6 Amps (std)	35 Amp (std)	480/3/60 (std)
NSC10000E-LT	10°F - 45°F	0°F - 90°F	R404a	1-1/4" NPT	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 Poly Tank	15°F - 53,000 BTU/hr 45°F - 90,000 BTU/hr	34"L x 65"W x 62"H	26.6 Amps (std)	35 Amp (std)	480/3/60 (std)
Model Number	Fluid Temp Range (F)	Refrigerant	Condenser	Inlet/Outlet	Pump			Reservoir Capacity	Cooling Capacity (BTU/hr)	Dimensions	Max Amps (FLA)	Recommended Breaker/Service (MCA)	Available Voltages
NSC0500-ULT	-112°F to +70°F -80°C to +21°C	R404a/ R508b	Air-cooled	1/2" NPT	Continuous Duty, Stainless Steel	Fixed Displacement	4 GPM Fixed	5 Gallon Stainless Steel	-40°C (-40°F) - 1,700 Watts (5,800 BTU/hr) -80°C (-112°F) - 600 Watts (2,000 BTU/hr)	34"L x 64.3"W x 72"H	16 Amps	20 Amp	208-240/3/60 (std)
NSC1000-ULT	-112°F to +70°F -80°C to +21°C	R404a/ R508b	Air-cooled	3/4" NPT	Continuous Duty, Stainless Steel	Fixed Displacement	4 GPM Fixed	5 Gallon Stainless Steel	-40°C (-40°F) - 3,700 Watts (12,000 BTU/hr) -80°C (-112°F) - 1,750 Watts (4,600 BTU/hr)	34"L x 64.3"W x 72"H	25 Amps (std)	30 Amp (std)	208-240/3/60 (std)
NSC2000-ULT	-112°F to +70°F -80°C to +21°C	R404a/ R508b	Air-cooled	3/4" NPT	Continuous Duty, Stainless Steel	Fixed Displacement	8 GPM Fixed	10 Gallon Stainless Steel	-40°C (-40°F) - 7,000 Watts (24,000 BTU/hr) -80°C (-112°F) - 3,000 Watts (10,200 BTU/hr)	34"L x 64.3"W x 72"H	20 Amps (std)	30 Amp (std)	480/3/60 (std)

DEEP FREEZE INDOOR & OUTDOOR INDUSTRIAL CHILLERS

ULTRA-LOW TEMP

MORE UL/CSA CERTIFIED OPTIONS AVAILABLE: UP TO 30 TONS COOLING CAPACITY, FLUID TEMPERATURES AS LOW AS -80°C (-112°F), 480VAC/3/60 100 AMPS, UP TO 60,000 WATTS HEATING CAPABILITY, -20F AMBIENT OUTDOOR MODELS.

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