





# DEEP FREEZE TECHNICAL SPECIFICATIONS

Base Model	Chiller Fluid Temp Range	Ambient Temp Range	Cooling Capacity	Pump	Inlet/Outlet	Refrigerant	Reservoir Capacity	Dimensions	Weight (Approx)	Available Voltages	Max Amps
NSC0500-LT	10°F(-12°C) to 45°F(7°C)	40°F - 100°F	70°F Ambient 10°F (-12.2°C) - 2,500 BTU/hr (730 Watts) 27.5°F (-2.5°C) - 3,700 BTU/hr (1,080 Watts) 45°F (7.2°C) - 5,000 BTU/hr (1,470 Watts)	1/3 HP Fixed Displacement Pump With Bypass	0 GPM @ 50 PSI 2 GPM @ 25 PSI 4 GPM @ 0 PSI	1/2" NPT	R404a	4 Gallon Poly Tank	24 3/8" x 22 5/8" x 32 1/2"	120VAC /1P /60Hz (std)	16.1 Amps (std)
NSC1000-LT	10°F(-12°C) to 45°F(7°C)	40°F - 100°F	70°F Ambient 10°F (-12.2°C) - 5,700 BTU/hr (1,670 Watts) 27.5°F (-2.5°C) - 8,000 BTU/hr (2,340 Watts) 45°F (7.2°C) - 10,600 BTU/hr (3,110 Watts)	1/3 HP Fixed Displacement Pump With Bypass	0 GPM @ 50 PSI 2 GPM @ 25 PSI 4 GPM @ 0 PSI	1/2" NPT	R404a	15 Gallon Poly Tank	34 1/4" x 28 1/4" x 39"	208-240VAC / 1P / 60Hz (std) 208-240VAC / 3P / 60Hz 480VAC / 3P / 60Hz	15.4 Amps (std) 14 Amps 6 Amps
NSC2000-LT	10°F(-12°C) to 45°F(7°C)	40°F - 100°F	70°F Ambient 10°F (-12.2°C) - 12,200 BTU/hr (3,580 Watts) 27.5°F (-2.5°C) - 17,300 BTU/hr (5,070 Watts) 45°F (7.2°C) - 23,300 BTU/hr (6,830 Watts)	3/4 HP Centrifugal Pump	0 GPM @ 32 PSI 22.5 GPM @ 24 PSI 45 GPM @ 7 PSI	3/4" NPT	R404a	15 Gallon Poly Tank	34 3/4" x 43 3/4" x 40"	208-240VAC / 1P / 60Hz (std) 208-240VAC / 3P / 60Hz 480VAC / 3P / 60Hz	28.7 Amps (std) 20 Amps 9.3 Amps
NSC5000-LT	10°F(-12°C) to 45°F(7°C)	40°F - 100°F	70°F Ambient 10°F (-12.2°C) - 21,800 BTU/hr (6,390 Watts) 27.5°F (-2.5°C) - 30,700 BTU/hr (9,000 Watts) 45°F (7.2°C) - 41,600 BTU/hr (12,190 Watts)	2 HP Centrifugal Pump	0 GPM @ 46 PSI 30 GPM @ 37 PSI 60 GPM @ 17 PSI	1-1/4" NPT	R404a	50 Gallon Poly Tank	34" x 65" x 62"	480VAC / 3P / 60Hz (std) 208-240VAC / 3P / 60Hz 208-240VAC / 1P / 60Hz	12.4 Amps (std) 29.3 Amps 48 Amps
NSC10000-LT	10°F(-12°C) to 45°F(7°C)	40°F - 100°F	70°F Ambient 10°F (-12.2°C) - 43,600 BTU/hr (12,780 Watts) 27.5°F (-2.5°C) - 61,900 BTU/hr (18,140 Watts) 45°F (7.2°C) - 84,000 BTU/hr (24,620 Watts)	2 HP Centrifugal Pump	0 GPM @ 46 PSI 30 GPM @ 37 PSI 60 GPM @ 17 PSI	1-1/4" NPT	R404a	50 Gallon Poly Tank	34" x 65" x 62"	480VAC / 3P / 60Hz (std)	22.8 Amps (std)

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