



AG-CHILL 4 TON SUPER LOW TEMPERATURE CHILLER

AG-CHILL NSC4000(E)(A)(EA)-SLT-480/Y REV 20201001

Working Temperature Range (°F/°C)	-58°F to 86°F / -50°C to 30°C
Temperature Stability (°F/°C)	±2 / ±2.2
Cooling Capacity at 90°F (32°C) Ambient	(-50°C) 3000 watts
	(-40°C) 5900 watts
	(-30°C) 9800 watts
	(-20°C and above) 13500 watts
Pump	Continuous Duty, Stainless Steel, Fixed Displacement 10 GPM
Inlet/Outlet	3/4" NPT Female
Compressor/Refrigerant	Semi-hermetic Reciprocating Two Stage Compressor - R404a
Reservoir/Filling Volume	15 gal/56.75 Liter Sealed Stainless Steel Tank w/Fluid Port
Heat Exchanger	Brazed Plate
Ambient Temperature (Standard)	40°F to 100°F / 4.5°C to 38°C
Extended Ambient Temperature (Optional)(A)(\$1000)	-15°F to 100°F / -26°C to 38°C
Dimensions (LxWxH) Inches	34 x 66 x 66
Weight, pounds (Approx)	1000
Power Options	
480V/3 Phase Wye/60Hz (Standard)	MCA 38.5A / MOP 62.5A
Controls	Electronic programmed temperature controller (PLC) with constant (set point & process) temperature readout.
External Thermocouple (Optional)	pt100
Digital Interface	MODBUS TCP/IP
Refrigeration Components	Efficient reciprocating two stage compressor, sightglass/moisture indicators, filter drier, pump down valves, fan cycling.
Process Fluid Components	"Y" strainer with 50 mesh stainless steel screen, stainless steel fixed displacement continuous duty pump, stainless steel reservoir, fill port, and sight glass.
Safety Controls	High and low refrigerant, high and low temperature, overloads on compressor, pump, and fans.
Construction	Welded steel powder coated frame and full metal cabinet.
Warranty	1 Year Parts and Labor
UL/CSA Certified (Full Assembly)	Yes
UL/CSA Certified for Outdoor Use (Optional)(E)(\$1500)	Customizable
Lead Time	6 to 8 Weeks

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



AG-CHILL 6 TON SUPER LOW TEMPERATURE CHILLER

AG-CHILL NSC6000EA-SLT-480/3 REV 20201217

Working Temperature Range (°F/°C)	-58°F to 86°F / -50°C to 30°C
Temperature Stability (°F/°C)	±2 / ±2.2
Cooling Capacity at 90°F (32°C) Ambient	(-50°C) 6,100 watts
	(-40°C) 12,900 watts
	(-30°C) 15,300 watts
	(-20°C and above) 21,300 watts
Pump	Continuous Duty, Non-ferrous, Centrifugal, 40 GPM
Inlet/Outlet	1.5" NPT Female
Compressor/Refrigerant	Semi-hermetic reciprocating two stage compressor - R404a
Reservoir/Filling Volume	15 gal/56.75 Liter Sealed Stainless Steel Tank w/Fluid Port
Heat Exchanger	Brazed Plate
Ambient Temperature (Standard)	40°F to 100°F / 4.5°C to 38°C
Extended Ambient Temperature (Included)(A)	-15°F to 110°F / -26°C to 38°C
Dimensions (LxWxH) Inches	34 x 65 x 62
Weight, pounds (Approx)	1250
Power Options	
480V/3 Phase/60Hz (Standard)	60 amps (MCA)
Controls	Electronic programmed temperature controller (PLC) with constant (set point & process) temperature readout.
External Thermocouple (Optional)	pt100
Digital Interface	Modbus TCP/IP
Refrigeration Components	Efficient reciprocating compressor, sightglass/moisture indicators, balanced port expansion valves filter drier, pump down valves, fan cycling.
Process Fluid Components	"Y" strainer with 50 mesh stainless steel screen, continuous duty centrifugal pump, stainless steel sealed reservoir, fill port and sight glass.
Safety Controls	High and low refrigerant, high and low temperature, overloads on compressor, pump and fans.
Construction	Welded steel powder coated frame and full metal cabinet.
Warranty	1 Year Parts and Labor
UL/CSA Certified (Full Assembly)	Yes
UL/CSA Certified for Outdoor Use (Included)	Yes
Lead Time	TBD

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