

AG-CHILL 2 TON EXTRA LOW TEMPERATURE CHILLER



AG-CHILL NSC2000(E)(A)(EA)-ELT-480/3

Working Temperature Range (°F/°C)	-30°F to 10°F / -34°C to -12°C
Temperature Stability (°F/°C)	±2 / ±2.2
Cooling Capacity at 90°F (32°C) Ambient	(-12°C) 7179 watts
	(-21°C) 5337 watts
	(-26°C) 4281 watts
	(-34°C) 2686 watts
Pump	Continuous Duty, Non-ferrous, Fixed Displacement, 10 GPM
Inlet/Outlet	1-1/4" NPT
Compressor/Refrigerant	Hermetic Scroll - R404a
Reservoir/Filling Volume	15 gal/56.75 Liter Sealed Poly Tank w/Fluid Port
Ambient Temperature (Standard)	40°F to 100°F / 4.5 to 38°C
Extended Ambient Temperature (Optional)(A)	Customizable
Dimensions (LxWxH) Inches	34 x 65 x 62
Weight, pounds (Approx)	1000
Power Options	
480V/3PPE/60Hz (Standard)	13.6 amps (FLA) - 20 amps (MCA)
Controls	Electronic programmed temperature controller (PLC) with constant (set point & process) temperature readout.
External Thermocouple (Optional)	pt100
Digital Interface	Modbus RS485
Refrigeration Components	Efficient scroll compressors, sightglass/moisture indicators, balanced port expansion valves filter drier, pump down valves, fan cycling head pressure controls.
Process Fluid Components	"Y" strainer with 50 mesh stainless steel screen, non-ferrous fixed displacement continuous duty pump, 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, stainless steel piping connections.
Warranty	1 Year Parts and Labor
UL/CSA Certified (Full Assembly)	Yes
UL/CSA Certified for Outdoor Use (Optional)(E)	Yes
Lead Time	6 to 8 Weeks
Base Price	\$15,995

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

AG-CHILL 3 TON EXTRA LOW TEMPERATURE CHILLER



AG-CHILL NSC3000(A)(E)(EA)-ELT-480/3

Working Temperature Range (°F/°C)	-30°F to 10°F / -34°C to -12°C
Temperature Stability (°F/°C)	±2 / ±2.2
Cooling Capacity at 90°F (32°C) Ambient	(-12°C) 9847 watts
	(-21°C) 7292 watts
	(-26°C) 5861 watts
	(-34°C) 4103 watts
Pump	Continuous Duty, Non-ferrous, Fixed Displacement, 10 GPM
Inlet/Outlet	1-1/4" NPT
Compressor/Refrigerant	Hermetic Scroll - R404a
Reservoir/Filling Volume	15 gal/56.75 Liter Sealed Poly Tank w/Fluid Port
Ambient Temperature (Standard)	40°F to 100°F / 4.5°C to 38°C
Extended Ambient Temperature (Optional)(A)	Customizable
Dimensions (LxWxH) Inches	34 x 65 x 62
Weight, pounds	1000
Power Options	
480V/3 Phase/60Hz (Standard)	24 amps (FLA) - 30 amps (MCA)
Controls	Electronic programmed temperature controller (PLC) with constant (set point & process) temperature readout.
External Thermocouple (Optional)	pt100
Digital Interface	Modbus RS485
Refrigeration Components	Efficient scroll compressors, sightglass/moisture indicators, balanced port expansion valves filter drier, pump down valves, fan cycling head pressure controls.
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