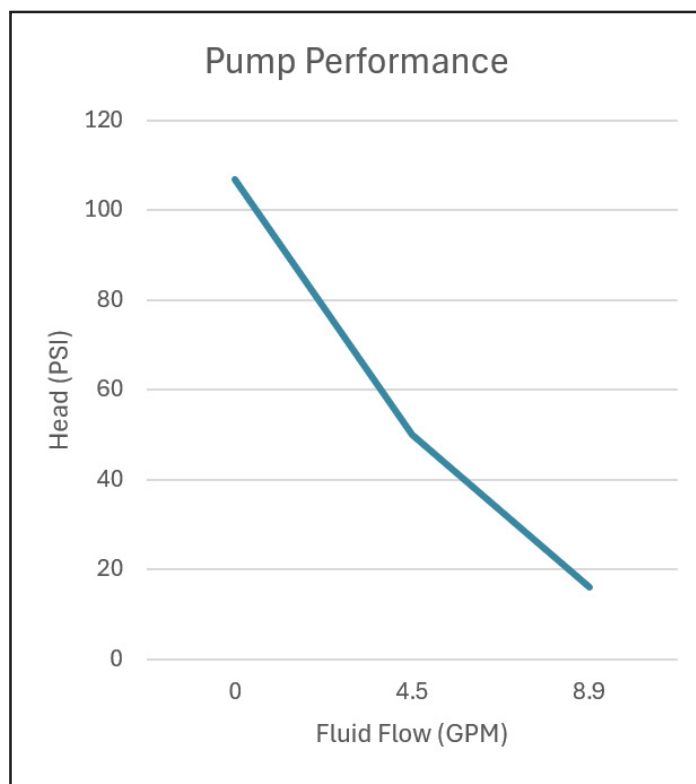
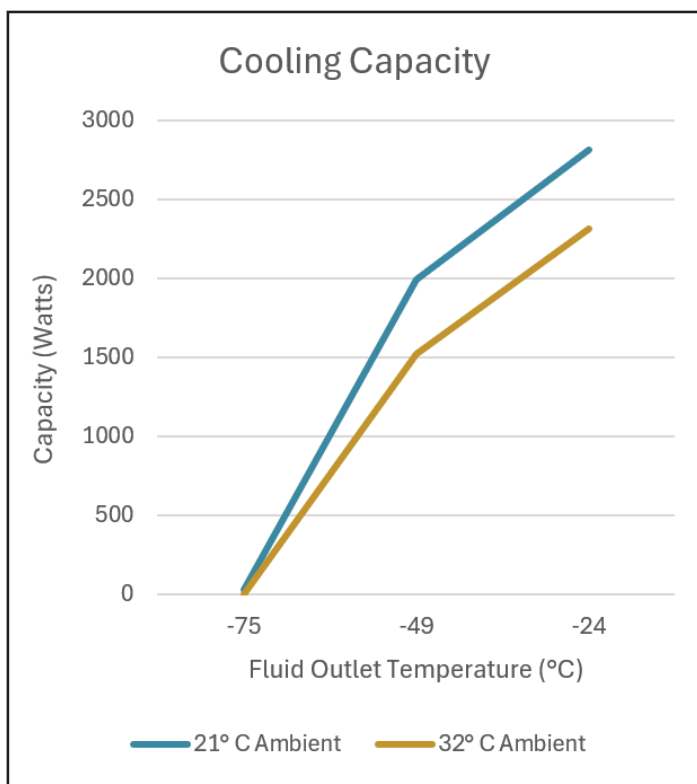
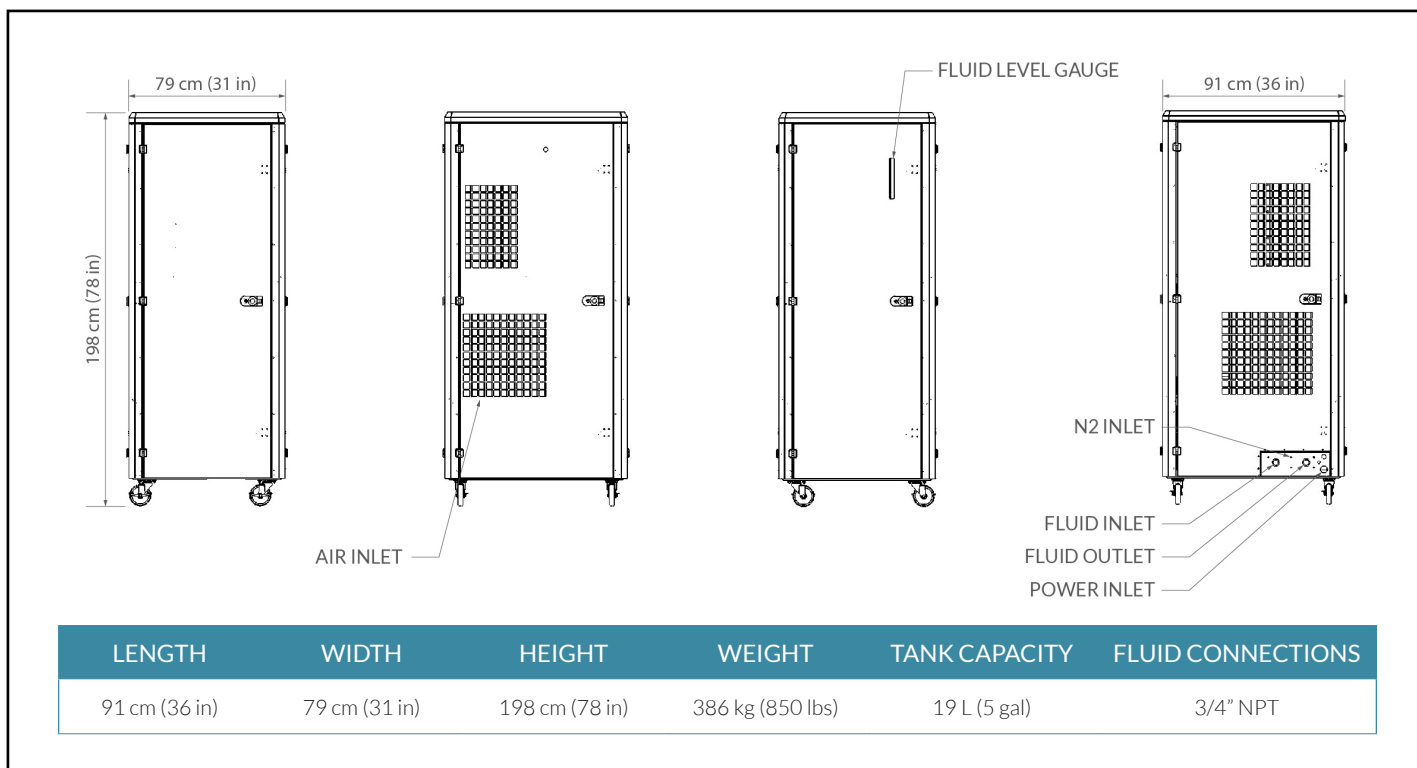


# ASCENT CHILLERS

## 500 SERIES ULTRA-LOW TEMP CHILLERS



## AC0500-ULTH | 500 SERIES ASCENT CHILLER SPECIFICATIONS

DIMENSIONS	WEIGHT	386 kg (850 lbs)
	DIMENSIONS (L x W x H)	91 x 79 x 198 cm (36 x 31 x 78 in)
PERFORMANCE	WORKING TEMPERATURE RANGE	-70° C to 150° C (-94° F to 302° F)
	TEMPERATURE STABILITY	±2° C
	COOLING CAPACITY @ 21°F	-70° C (-94° F) - 750 W (2,559 BTU/hr) -60° C (-76° F) - 1,575 W (5,374 BTU/hr) -40° C (-40° F) - 1,750 W (5,971 BTU/hr) 0° C (23° F) - 1,750 W (5,971 BTU/hr)
	HEATER CAPACITY	1,500 W (5,118 BTU/hr)
	PUMP PERFORMANCE	4.5 GPM @ 50 PSI
USER INTERFACE	CONTROLS	Electronic Programmed Temperature Controller with Constant (Set Point & Process)
	ADDITIONAL FEATURES	Fluid Level Indicator
REFRIGERATION CIRCUIT	COMPRESSOR	Copeland Scroll
	HEAT EXCHANGER	Stainless Steel Brazed Plate Heat Exchangers
	REFRIGERANT	R404a/R508b
	ADDITIONAL FEATURES	Access Ports, Service Valves, Filter Drier, Sight Glass, Liquid Receiver, Thermostatic Expansion
	MAX HEAT REJECTION	5,700 W (19,500 BTU/hr)
PROCESS FLUID CIRCUIT	PUMP	Continuous Duty, 0.75 kW Vortex Pump
	INLET/OUTLET	3/4" NPT
	RESERVOIR	19 L (5 gal) Stainless Steel
	HEAT TRANSFER FLUID OPTIONS	NOVEC 7500, Syltherm, Paratherm LR, Paratherm CR, Fragoltherm
	ADDITIONAL FEATURES	Inline Strainer, Inlet and Outlet Temperature Sensors, Pump Discharge Pressure Transducer, N2 Blanket for Moisture Prevention
CONSTRUCTION	FRAME	Galvanized Steel
	ENCLOSURE	Powder Coated Steel Enclosure with Easy Access Panels
QUALITY	WARRANTY	1 Year Standard Warranty
	UL/CSA CERTIFIED (FULL ASSEMBLY)	ETL 3170655, UL STD 61010-2-011, CAN/CSA STD, C22.2 No. 61010-2-011
	MANUFACTURING	Manufactured in the U.S.A.
POWER	AVAILABLE VOLTAGES	208-240VAC / 3P / 60Hz   208-240VAC / 1P / 60Hz 50Hz and other voltages available on request
	MAX AMPS (FLA)	25 Amps
	RECOMMENDED BREAKER/SERVICE (MCA)	30 Amps

### OPTIONAL UPGRADES

<ul style="list-style-type: none"> <li>Heating Circuit</li> <li>External temperature monitoring</li> <li>Alternate pumps</li> </ul>	<ul style="list-style-type: none"> <li>Water-Cooled Condenser</li> <li>Pass Through Systems</li> <li>Extended Ambient Package for Cold Climates</li> </ul>	<p>More Options and Customization Available - Contact LACO for more information</p>
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