

LT Series

Reliable, Precise Temperature Stability
4kW and 8kW Capacities

-70°F Low Temp Production Unit

This water-cooled platform is comprised of dual-compressors in a cascading configuration with two independent refrigerant loops for maximum cooling. It is ideal for those specialty applications with extremely low temperature requirements.

Product Features

- Efficient water-cooled condenser
- Closed-loop system
- Offered in 4kW and 8kW capacities
- Pressurized loop for silicone-based fluids
- Refrigerants used include:
Stage 1 - 404A
Stage 2 - 508B
- Fluid setpoint from -20 to -70°F
- Rated at 65°F condenser water temperature with maximum 85°F
- Temperature stability $\pm 3^\circ\text{F}$
- Built to UL 508A and UL60335 (optional cUL certification)
- 18-month parts and labor warranty
- 24/7 service and support
- Next day parts available



**Glen
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Thermal
Solutions



**Koolant
Koolers**



8 kW

1. Two compressors in cascading configuration
2. Two independent, standard refrigerants for easy service
3. Microprocessor-based control with onboard diagnostics and alarms
4. Full ability for communication to the process
5. Pressurized fluid circuit with nitrogen overlay to eliminate humid air that could yield ice crystals in the system
6. Expansion tank pressurized to 15 psi



Base Configuration

Microprocessor-based control
Cascaded dual compressors
Brazed plate evaporator
Manual fluid bypass valve
Pressurized system w/ expansion tank
Refrigerant and tank sight glass/levels
Circuit breaker disconnect
3" Armaflex insulation
Tri-clamp fluid connections
Flow meter

Options

Air-cooled configuration
Pressure and flow pump upgrades
Inlet condenser water filter
Remote controller
Communication protocols
cUL certification

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