

**ALX-15KA Liquid Cooling System**



ALX-15KA is a floor-standing, 15kW ambient liquid cooling system with high output pump. It accepts standard 100-240V AC input power with a maximum consumption of 700W.

For convenient coolant filling and draining, an electronic transfer pump is included (powered from the CDU). A USB port allows control and logging of most features using the [Koolance System Monitor](#) application.

- Cooling capacity: 15,000W (51,182BTU/hr) with 25°C liquid-ambient delta @ 25.0LPM
- Temperature in °C/°F with set-point based on: liquid, or one of two optional K-type thermocouples
- Pump: 10 manual levels, up to 32LPM (8.5GPM)
- Select only values you want displayed on the front 2-line OLED display (fixed or rotating)
- Show coolant flow rate in LPM/GPM
- Show pump impeller speed in RPM
- Enable audio alarms based on: temperature, flow rate, pump

RPM, fan RPM, and reservoir coolant level

- Enable relay triggers (NO or NC) based on: temperature, flow rate, pump RPM, fan RPM, and reservoir coolant level
- Reservoir capacity: 8.5 liters (2.25 gallons)
- NPT 1/2in threads on back for fittings
- Integrated handle and two lower wheels for portability
- Includes C13 to NEMA 5-15 power cord

<b>General</b>	
Weight	121.00 lb (54.89 kg)
Fitting Thread	NPT 1/2in
Max Pressure Tolerance @ 25°C	3.1kgf/cm2 (44psi)
Max Temperature Tolerance	60°C (140°F)
Min Temperature Tolerance (*No Freezing)	-20°C (-4°F)
Noise (dBA)	43-80
<b>Cooling Systems</b>	
Cooling Capacity	15,000W (51,182BTU/hr) @ 25°C liquid-ambient (25°C dT)
Display Type	OLED
Max Flow Rate (10-13mm ID)	32LPM (8.5GPM)
Max Power Consumption	700W
Max Static Pressure (10-13mm ID)	3.1kgf/cm2 (44psi)
Power Source	100-240VAC, 50-60Hz
Radiator	Aluminum, 28 x 120mm fans
Temperature Sensors	Liquid & Two K-Type Thermocouples (optional)
Temperature Stability	+/-1.0°C



