P/N: ALX-15KA

www.koolance.com

Specifications Sheet

Generated: 2026-11-02

ALX-15KA Liquid Cooling System

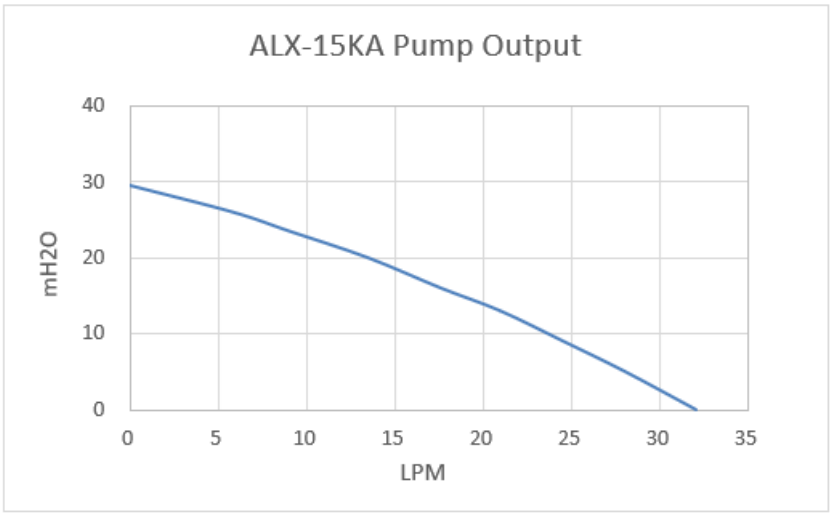


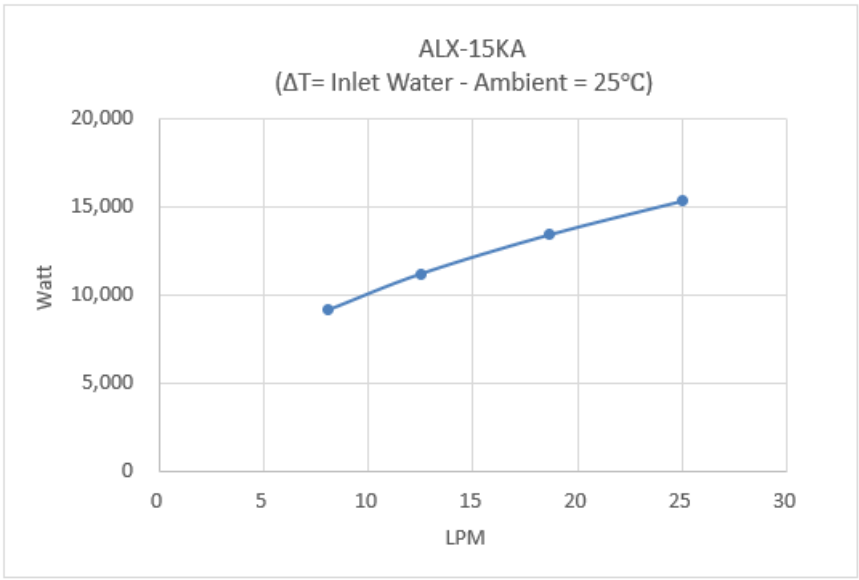
ALX-15KA is a floor-standing, 15kW ambient liquid cooling system with high output pump. It accepts standard 100-240V AC input power with a maximum consumption of 700W.

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.

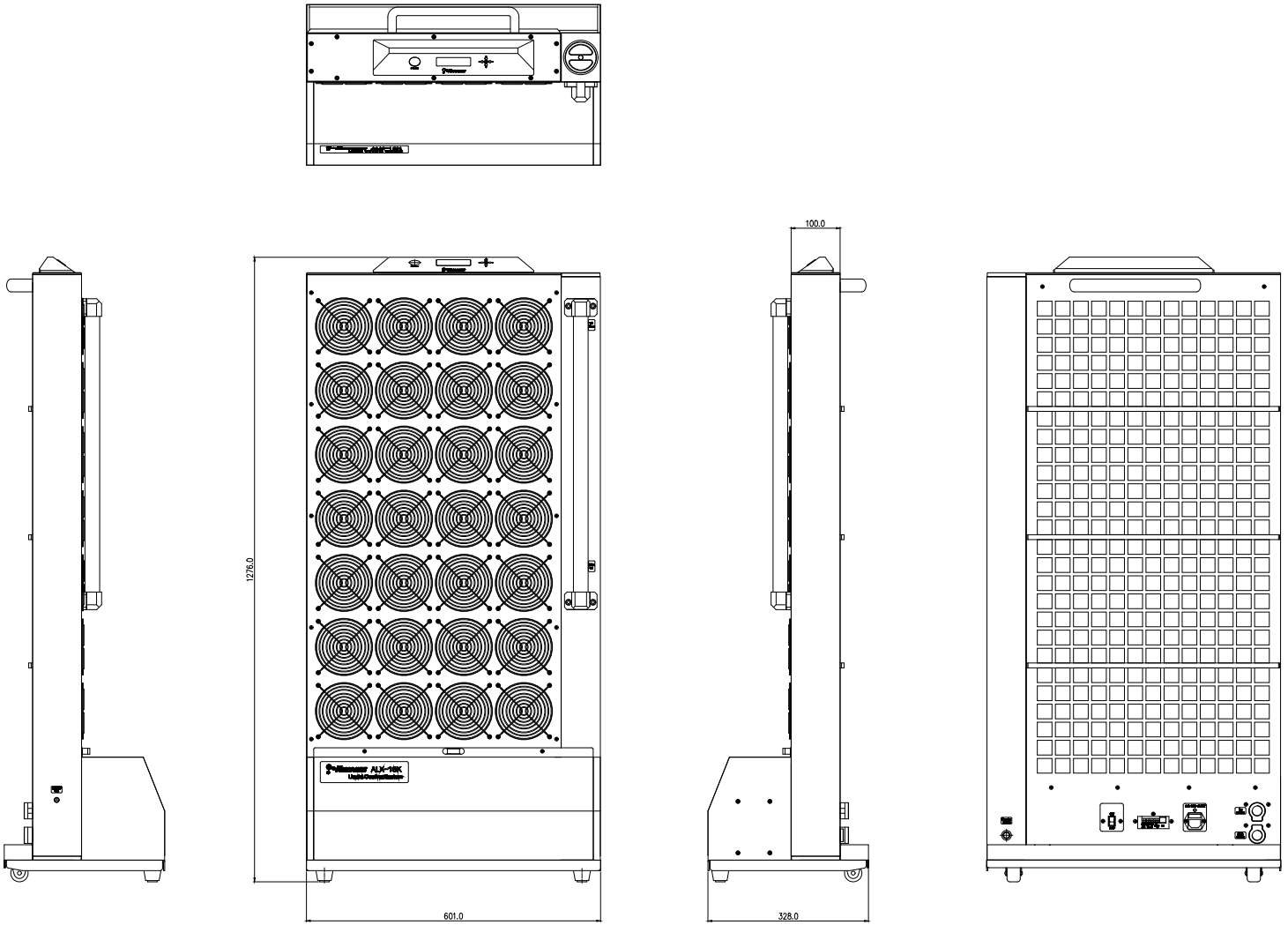
- Cooling capacity: 15,000W (51,182BTU/hr) with 25°C liquid-ambient delta @ 25.0LPM
- Temperature in °C/°F with set-point based on: liquid, or one of two optional K-type thermocouples
- Pump: 10 manual levels, up to 29LPM (7.7GPM)
- Select only values you want displayed on the front 2-line OLED display (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

General	
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
Cooling Systems	
Cooling Capacity	15,000W (51,182BTU/hr) @ 25°C liquid-ambient (25°C dT)
Display Type	OLED
Max Flow Rate (10-13mm ID)	29LPM (7.7GPM)
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	+/-1.0ºC


ALX-15KA Pump Output
40
30
20
10
0
mH2O
0
5
10
15
20
25
30
35
LPM


ALX-15KA
(ΔT= Inlet Water - Ambient = 25°C)
20,000
15,000
10,000
5,000
0
Watt
0
5
10
15
20
25
30
LPM

File



REV	DATE	CONTENTS	APPD BY

REVISION

NO.	DESCRIPTION	MATER'L	QUANTITY	REMARKS
KOOLANCE		UNIT MM	PART NO. ALX-15KA	
		SCALE N/S	TITLE ALX-15KA	
	BY BY BY APPRD BY	DECIMAL PLACES 0 : ±0.5 0.X : ±0.3 0.XX : ±0.1		
DATE			ITEM	
2025.12.5	SONG	CODE NO		