

RPM-ALX400 Reservoir and Pump Module for ALX Series (Rev.3.1)



RPM-ALX400 is a front reservoir, pump, and control unit for Koolance's [ALX modular cooling systems](#). Included hardware allows it to be physically combined with an [HXM heat exchanger module](#) (sold separately).

A USB port allows control and logging of most features using the [Koolance System Monitor](#) application.

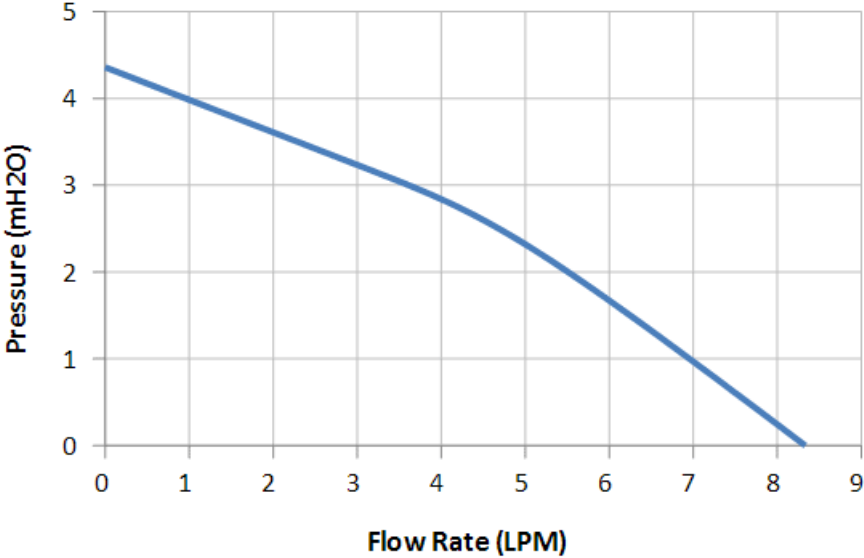
- Temperature in °C/°F with set-point based on: liquid, or one of two optional K-type thermocouples
- Pump: 10 manual levels, up to 8.2LPM (2.2GPM)
- Select only values you want displayed on the front 2-line OLED display (fixed or rotating)
- **Show coolant flow rate in LPM/GPM
- Show pump impeller speed in RPM
- **Show radiator fan speed in RPM
- Enable audio alarm based on: temperature, **flow rate, and/or reservoir coolant level
- Enable relay trigger (NO or NC) based on: temperature, **flow rate, and/or reservoir coolant level
- Power input: 12VDC, 25W (plus any connected HXM modules)
- Reservoir capacity: 600ml (20.3 fl oz)
- G 1/4 BSPP threads on back for fittings

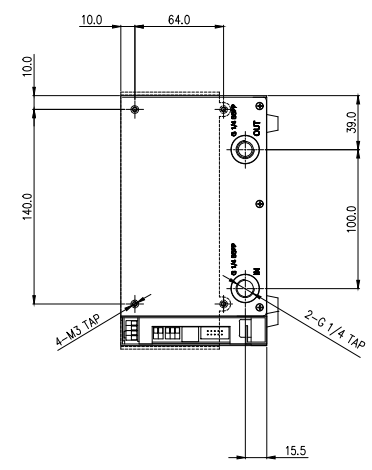
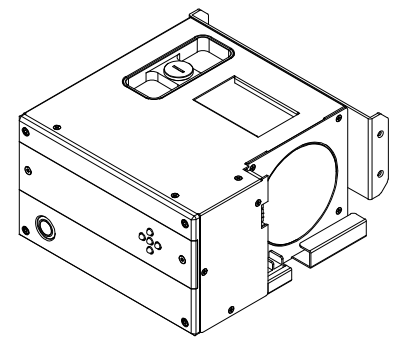
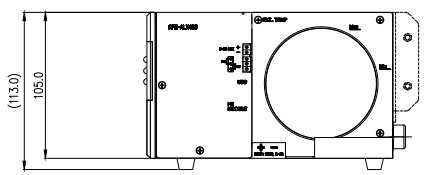
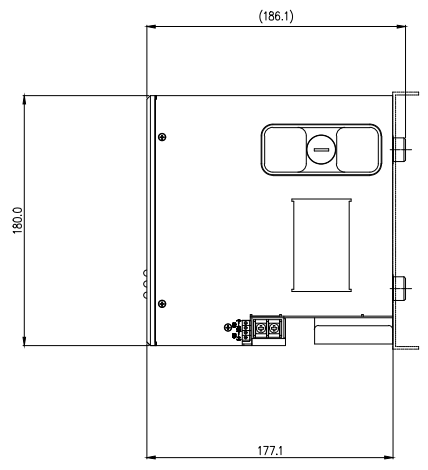
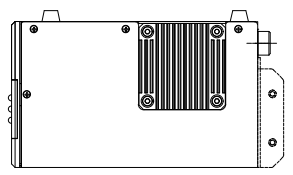
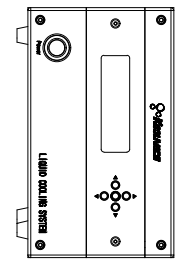
**When attached to an HXM heat exchanger module

NOTE: Requires 12VDC input power. Koolance offers a separate [power supply](#) for AC wall outlet sources.

General	
Weight	4.60 lb (2.09 kg)
Fitting Thread	G 1/4 BSPP
Max Pressure Tolerance @ 25 °C	1.5kgf/cm2 (21.3psi)
Max Temperature Tolerance	60 °C (140 °F)
Reservoirs	
Capacity	400ml
Display Type	OLED
Pump	PMP-400 @ 12V
Temperature Sensors	Liquid & Two K-Type Thermocouples (optional)
Pumps	
Max Flow Rate	8.2LPM (2.2GPM)
Voltage	12 VDC

RPM-ALX400 Pump Output





NO.	DISCRIPTION				MATER'L		QUANTITY	REMARKS
					UNIT	MM	ITEM	
					SCALE	N/S	TITLE	Ass'y
DATE	BY	BY	BY	APPRO	3RD ANGLE			
FEB.06.2026	S.J.LEE				CODE NO.		DWG. NO.	REV.