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Specifications Sheet

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P/N: RPM-ALX400

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).

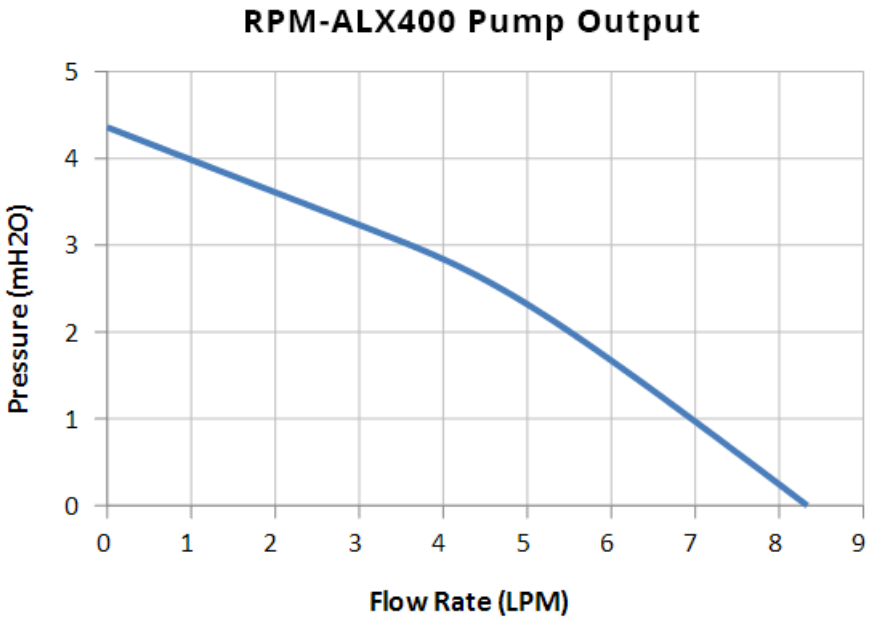
A USB port allows control and logging of most features using the Koolance System Monitor application.

- 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
Pressure (mH2O)
0
1
2
3
4
5
0
1
2
3
4
5
6
7
8
9
Flow Rate (LPM)

File

NO.	DISCRIPTION				MATER'L	QUANTITY	REMARKS
KOOLANCE					UNIT MM	ITEM RPM-ALX400	
	BY	BY	BY	APPRO BY	SCALE N/S	TITLE Ass'y	
DATE					3RD ANGLE		
FEB.06.2026	S.J.LEE				CODE NO.	DWG. NO.	REV.