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Specifications Sheet

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P/N: RP-1200

Reservoir and Pump, RP-1200 (Rev.2.0)



The RP-1200 is a combined reservoir and pump unit which fits into a single 5.25" (CD) bay. Featuring the powerful Koolance PMP-400 pump, it also includes temperature monitoring, a front display, reservoir, pump & fan speed control, and rear G 1/4in threaded fitting sockets. This unit incorporates all-new Koolance electronics, with a 2-line VFD dot matrix display for deeper user control and feedback.

Features:

- Configure a dynamic fan ramp based on min/max temperature set points
- Show flow rate in LPM or GPM (optional Koolance flow meter required)
- Show pump and fan RPM
- Select only the values you want displayed
- Adjust alarm and shutdown points independently for all temperature sensors (3 included)
- Controls a 12VDC pump with 10 user levels up to 2A
- Fan output up to 2A on each connector
- Set the safety shutdown relay to normally-open or normally-closed

Pump:

- Maximum Flow Rate: 8.7 L/min (2.3 gal/min)
- Maximum Head Pressure: 7m (23ft)
- Motor: Brushless DC, electronically commutated, spherical motor
- Power Consumption (at max): 20W
- Voltage Range: 8 to 13.2 VDC
- Electrical Connector: 3-pin fan header with tachometer speed signal

IMPORTANT NOTE: The pump should never be run dry. Always test this product with coolant.

The RP-1200 has three 3-pin fan outputs. To connect more fans, simply add them together with a wiring harness.

General	
Weight	2.25 lb (1.02 kg)
Reservoirs	
Capacity	237mL (8 fl oz)
Display Type	VFD
Pump	PMP-400 @ 12V
Temperature Sensors	10K Thermistors