www.koolance.com

Specifications Sheet

Generated: 2026-11-09

P/N: RP-1000BK

Reservoir and Pump, RP-1000BK, Black



The RP-1000 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 LED display, reservoir, pump and fan speed control, and rear G 1/4in threaded fitting sockets.

Features:

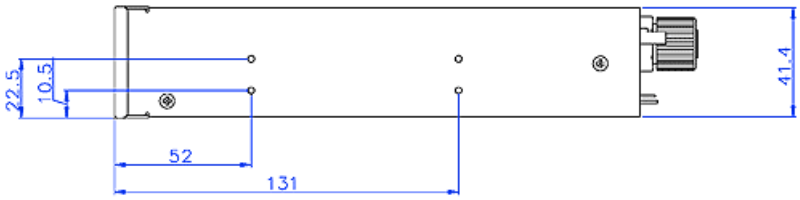
- Fits a single 5.25" CD bay
- Adjusts radiator fan speeds automatically, or with 10 manual levels
- Manual pump speed adjustment
- Variable temperature alarms on 3 independent sensors
- Auto-cycle or static display of all connected temperature sensors
- Variable safety shutdown temperature
- Front and top reservoir blue LED lighting
- Top refill plug

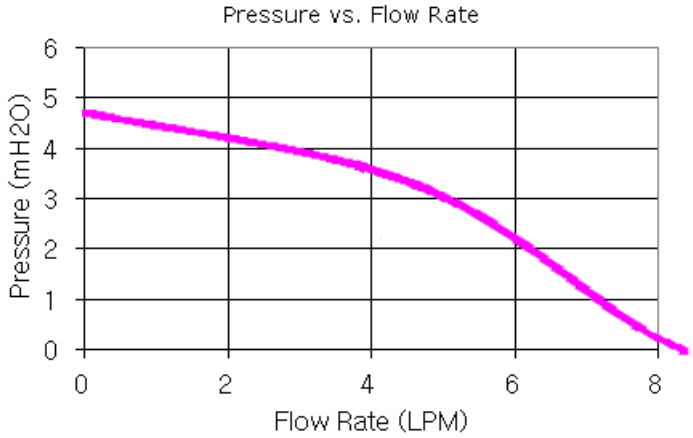
Pump:

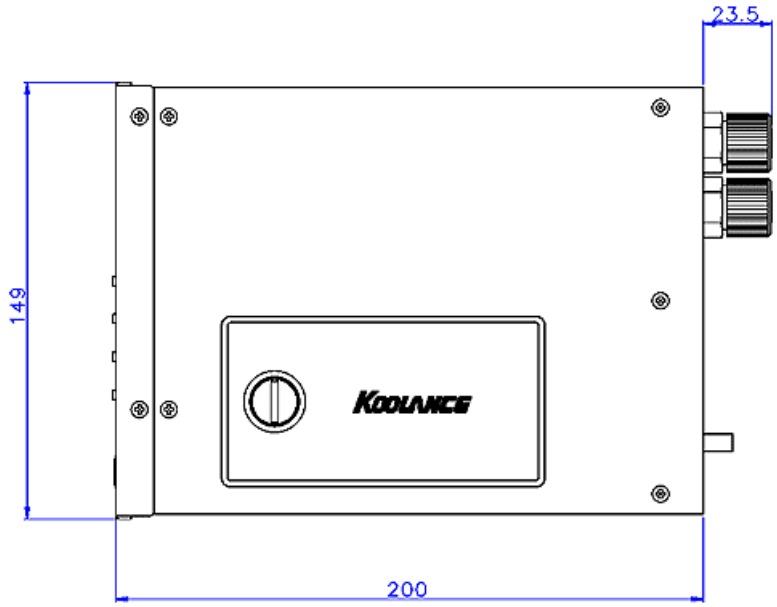
- Maximum Flow Rate: 8.7 L/min (2.3 gal/min)
- Maximum Head Pressure: 7m (23ft)
- Motor: Brushless DC, electronically commutated, spherical motor
- Power Consumption (at max): 20W
- Voltage Range: 8 to 13.2 VDC
- Electrical Connector: 3-pin fan header with tachometer speed signal

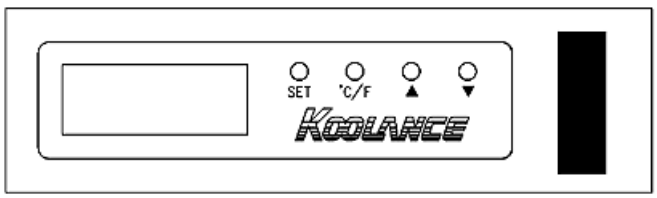
IMPORTANT NOTE: The RP-1000 pump should never be run dry. Always test this product with coolant.

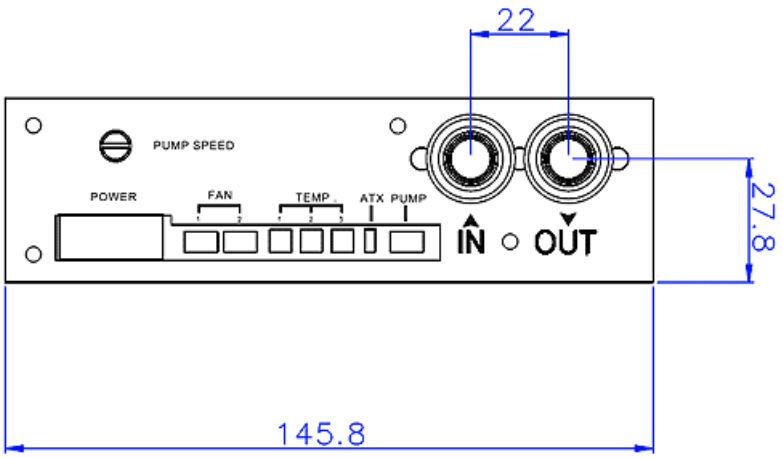
General	
Weight	5.50 lb (2.49 kg)
Reservoirs	
Capacity	237mL (8 fl oz)
Display Type	LED
Pump	PMP-400 @ 12V
Temperature Sensors	50K Thermistors


22.5
10.5
52
131
41.4


Pressure vs. Flow Rate
Pressure (mH2O)
0
1
2
3
4
5
6
0
2
4
6
8
Flow Rate (LPM)


23.5
149
KOOLANCE
200


SET
°C/F
KOOLANCE


22
PUMP SPEED
POWER
FAN
TEMP
ATX PUMP
IN
OUT
27.8
145.8