www.koolance.com

Specifications Sheet

Generated: 2026-11-12

P/N: CTR-CD1224

CTR-CD1224 12V or 24V Pump & Fan Controller With Display



The CTR-CD1224 is a pump and fan speed controller and temperature monitoring unit in a 5.25in drive bay profile. The maximum pump output can be set for 12V or 24V. This unit incorporates a 2-line OLED display for user control and feedback.

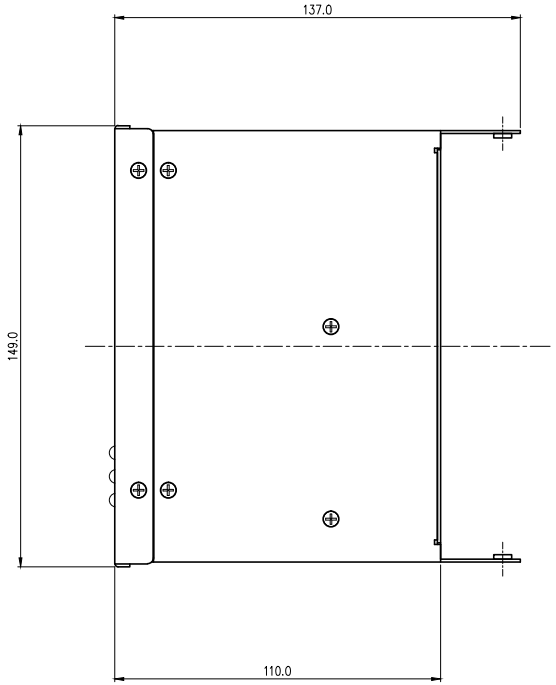
- Configure a dynamic fan ramp based on min/max temperature set points
- Show flow rate in LPM or GPM (optional Koolance flow meter required)
- Controls a 12VDC (max 36W) or 24VDC (max 50W) pump with 10 user levels
- Fan output up to 2A (12VDC) on each connector
- Show pump and fan RPM
- Select only the values you want displayed
- Adjust alarm and shutdown points independently for all 3 temperature sensors (included)
- Shutdown relay can be configured as normally-open or normally-closed
- Powered by a 12VDC input

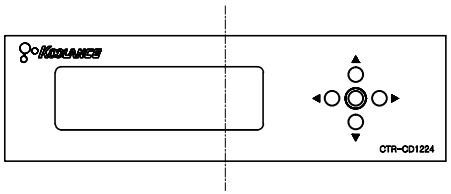
The CTR-CD1224 has three fan outputs. To connect more than three fans, simply add them together with a fan wiring harness. A pump wiring harness is included for powering a Koolance 3-pin or 4-pin pump.

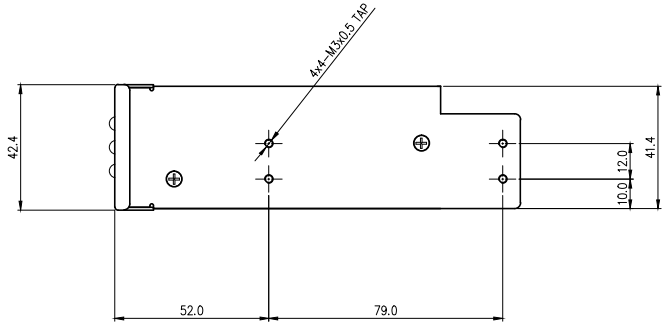
CAUTION: Do not operate components at voltages which exceed their specifications. Running a 12V-max pump at 24V from the speed controller can damage the pump. Do not connect devices which exceed the controller's maximum power rating (36W@12V, 50W@24V).

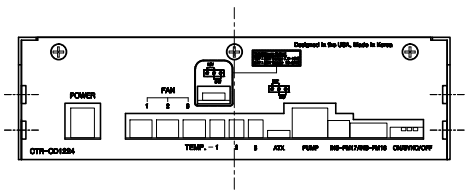
General	
Weight	1.50 lb (0.68 kg)

File









NO.	DESCRIPTION				MATER'L	QUANTITY	REMARKS
KOOLANCE					UNIT MM	APPAR CTR-CD1224	
	BY	BY	BY	APPRO BY	SCALE N/S	TITLE Ass'y	
DATE					3RD ANGLE		
04/11/2017	S.J.LEE				CODE NO.	DWG. NO.	