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Specifications Sheet

Generated: 2026-11-03

P/N: CTR-CD10SL

CTR-CD10SL Pump & Fan Controller With Display, Silver

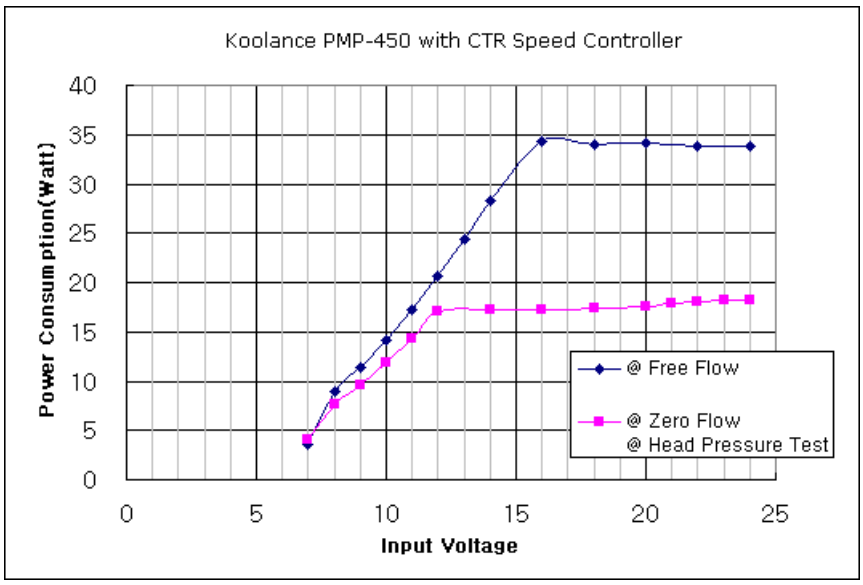


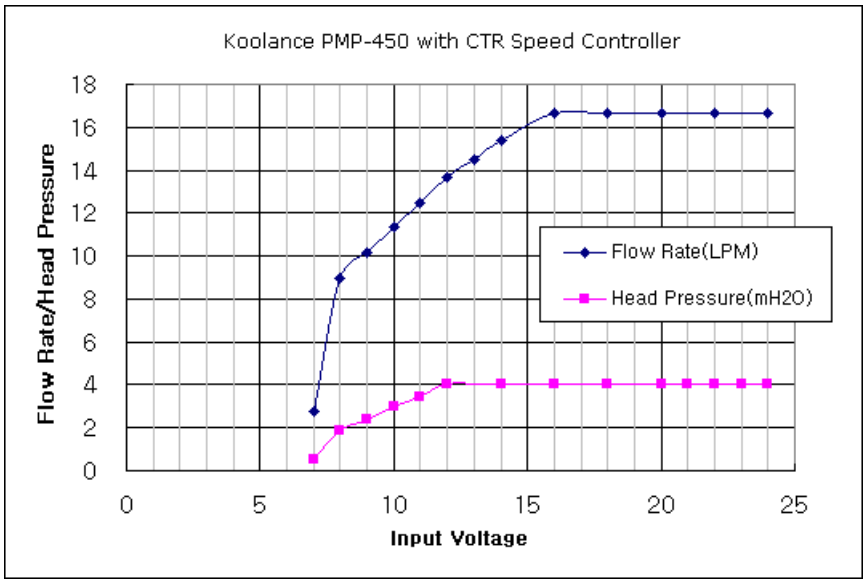
The CTR-CD10 is a speed control and temperature monitoring unit in a 5.25" drive bay profile. It includes all features found in Koolance's top-end cooling systems, with a newly revised controller circuit for operation with a Koolance with 12V DC pumps.

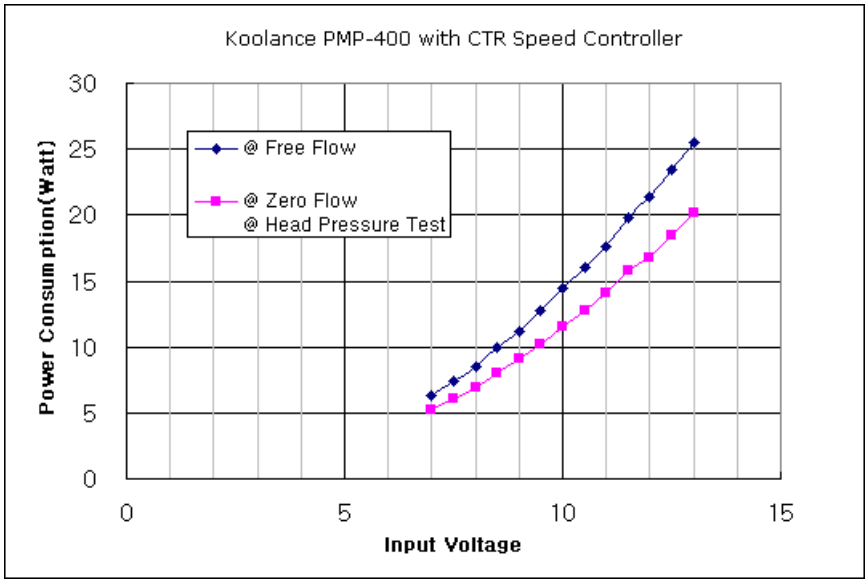
- Temperature monitoring of 3 sensors (included), each with adjustable alarm and power shutdown settings
- Full range speed control for 12VDC
- Pump has 10 user levels, with output up to 3A
- Fans can be run automatically based on temperature, or set with 10 user levels
- Fan output up to 2A on each connector

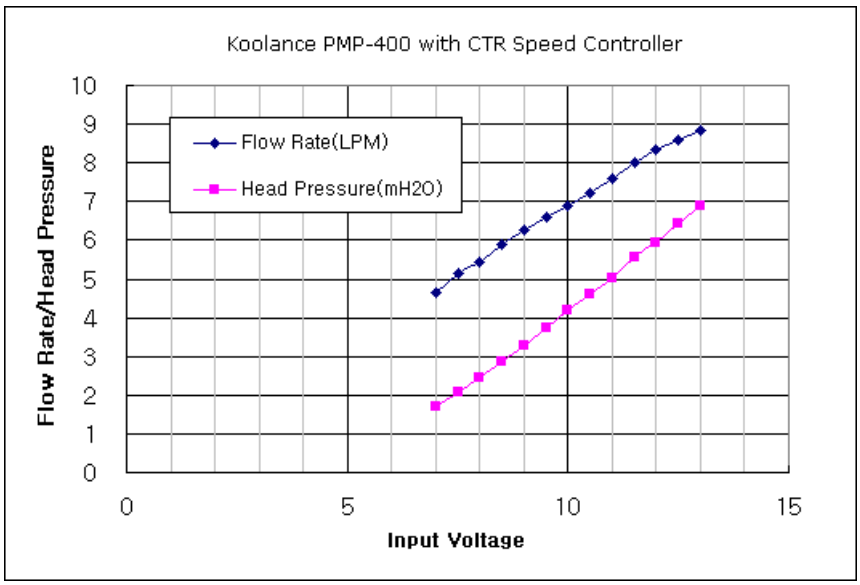
The CTR-CD10 has two 3-pin fan outputs. To connect more than two fans, simply add them together with a wiring harness. The pump output is also 3-pin, requiring a Molex 4-pin adapter if using the Koolance PMP-450/S pump.

General	
Weight	0.80 lb (0.36 kg)




Koolance PMP-450 with CTR Speed Controller
Flow Rate/Head Pressure
18
16
14
12
10
8
6
4
2
0
0
5
10
15
20
25
Input Voltage
Flow Rate(LPM)
Head Pressure(mH2O)


Koolance PMP-400 with CTR Speed Controller
Power Consumption(Watt)
30
25
20
15
10
5
0
0
5
10
15
Input Voltage
@ Free Flow
@ Zero Flow
@ Head Pressure Test


Koolance PMP-400 with CTR Speed Controller
Flow Rate/Head Pressure
10
9
8
7
6
5
4
3
2
1
0
0
5
10
15
Input Voltage
Flow Rate(LPM)
Head Pressure(mH2O)