

ERM-2K3U Liquid Cooling System, Rev1.0



The ERM-2K3U continues Koolance's "ERM" series of dedicated liquid cooling systems for special thermal applications. It can provide up to approximately 2000W of potential heat dissipation, and is housed in a lightweight aluminum enclosure. A prominent white LED-lit reservoir displays the coolant level, combining a waterfall effect when placed upright.

Heat sources from multiple computers can be connected to a single ERM-2K3U system if within the total dissipation rating. The ERM-2K3U utilizes a single [PMP-450](#) pump. A large louver-fin heat exchanger stretches diagonally from front to back, cooled by two 220mm blue LED side fans, and five low-flow 80mm rear fans.

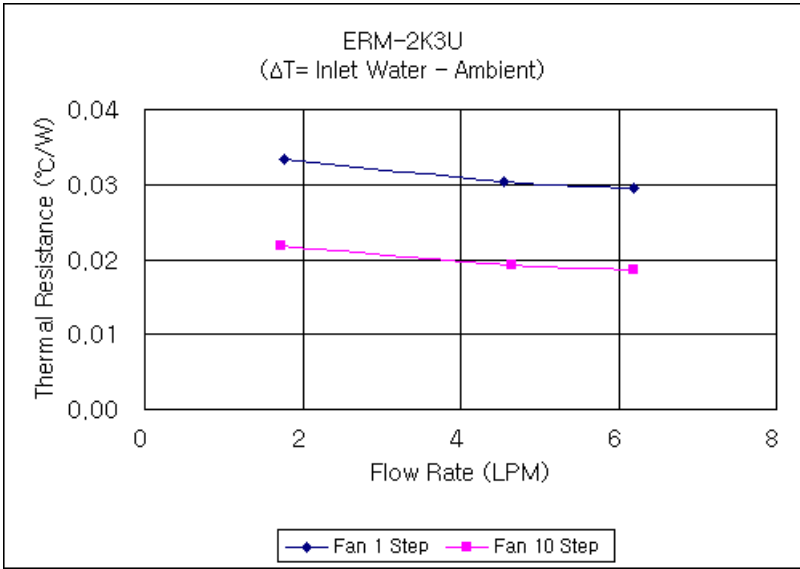
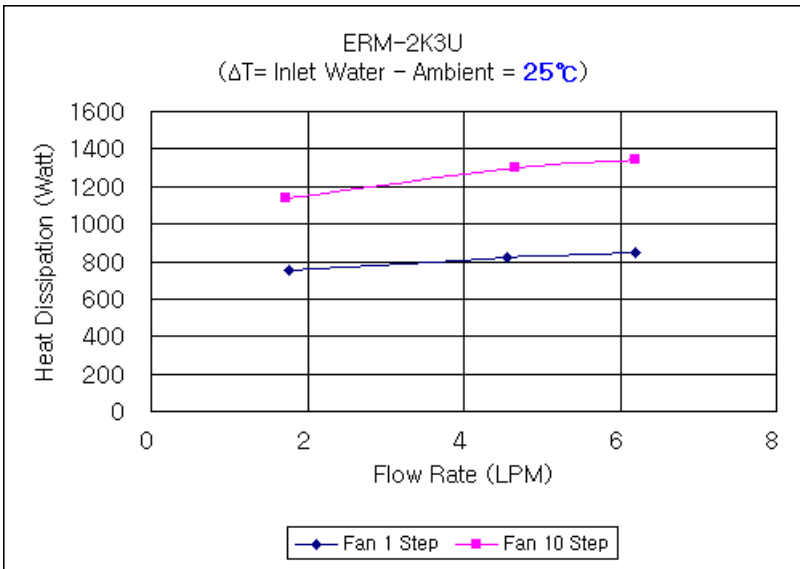
The cooling system can be configured in multiple ways. Wide feet are included for vertical operation in a "tower" position. Post feet allow a horizontal installation, with fans facing up or down. Alternatively, the unit fits within a 3U

profile and rack mountable ears are included. The LED readout can be conveniently rotated for any position. (NOTE: 3 bottles of coolant is recommended for the ERM-2K3U.)

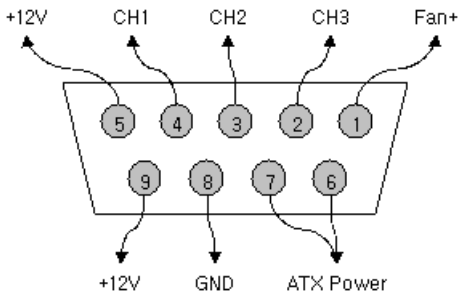
Other features:

- Variable pump speed via the front display
- Rear G 1/4 BSPP inlet and outlet fitting sockets
- Radiator fan speeds adjust automatically, or with 10 manual levels
- White reservoir LED lighting (can be switched on or off)
- Top coolant fill plug
- Independently-variable alarm and safety shutdown temperatures on all three sensors
- Adapted power connection - does not require an AC power outlet

| General | |
|---------------------|--------------------------------------|
| Weight | 24.20 lb (10.98 kg) |
| Cooling Systems | |
| Display Type | LED |
| Fans | 2 x 220mm (81CFM), 5 x 80mm (210CFM) |
| Flow Rate | PMP-450 @ 12V |
| Power Source | 12 VDC |
| Radiator | Aluminum |
| Temperature Sensors | 50K Thermistors |



Koolance ERM-2K3U,
Exos-2 / V2 / LX / 2.5 / LTV2
Rear DB9 Pin-out



ERM-2K3U Radiator

