



DYNATRON
The Thermal Solution Architect

NEW PRODUCT SPEC SHEET

Model Number: L3

- Desktop Liquid Cooling Solution Recommended for CPU Models As Following,
 - Intel® Processor, Socket LGA2011, Square ILM Mounting
 - Intel® Processor, Socket LGA2011, Narrow ILM Mounting
 - Intel® Processor, Socket LGA1365, 1366
 - Intel® Processor, Socket LGA1150, 1151, 1155, 1156
 - AMD® Processor, Socket AM2, AM2+, AM3, FM1, FM2
- For One-U Server and up

Overall Description :

- Cold Plate Module with Copper Base
- Space Saver Light Weight Radiator
- 4cm Cooling Fans with 4-Pin PWM Connector
- Stand-alone Water Pump with Powerful Flow Rate 0.84 Litter Per Minute
- 30cm Black Pair EPDM Tube Assembled
- Mounting Accessories are included
- Shin-Etsu Series Thermal Compound Pre-Printed on Base
- Support CPU Overclocking Power Mode up to 165Watts Heat Dissipation

Cooling Fan Specification:

- Model Number: DF124028BM - PWMG
- Dimension: 40mm x 40mm x 28mm
- Bearing Type: Ball, Dual
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 3300±10% RPM
 - At Duty Cycle 50%: 5700±10% RPM
 - At Duty Cycle 100%: 12000±10% RPM

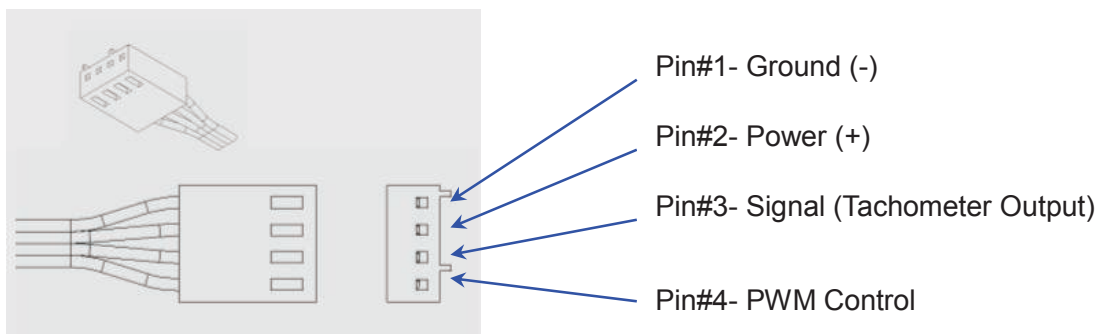
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.72 W
 - At Duty Cycle 50%: 1.56 W
 - At Duty Cycle 100%: 8.40 W

- Rated Airflow:
 - At Duty Cycle 0~20%: 5.92 CFM
 - At Duty Cycle 50%: 10.23 CFM
 - At Duty Cycle 100%: 21.53 CFM

- Rated Static Pressure:
 - At Duty Cycle 0~20%: 1.73 mm-H₂O
 - At Duty Cycle 50%: 5.17 mm-H₂O
 - At Duty Cycle 100%: 22.91 mm-H₂O

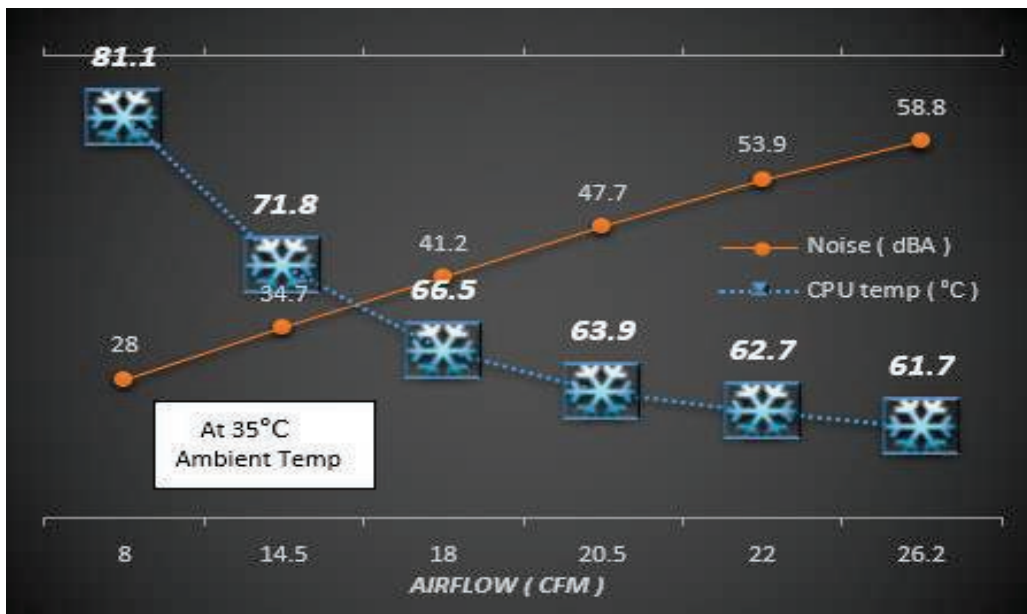
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 25.9 dBA
 - At Duty Cycle 50%: 37.8 dBA
 - At Duty Cycle 100%: 54.0 dBA

- Lead Wire Pin Out Diagram :



Liquid Cooler L3 Thermal Performance

(Airflow VS. CPU Temperature & Noise)



(Airflow VS. Thermal Resistance)

