



**DYNATRON**  
The Thermal Solution Architect

## **NEW PRODUCT SPEC SHEET**

### **Model Number: L5**

- 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, 1155, 1156
  - AMD® Processor, Socket AM2, AM2+, AM3, FM1, FM2
- For Desktop Tower Chassis

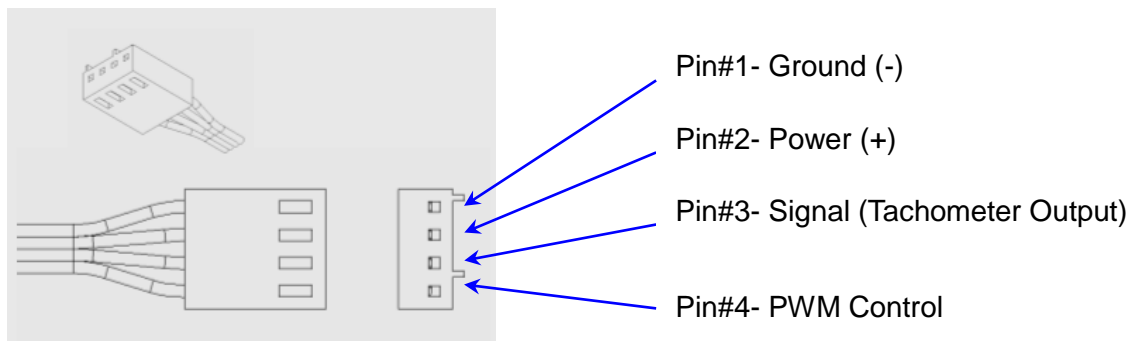
#### **Overall Description :**

- Cold Plate Module with Copper Base
- Space Saver Light Weight Radiator
- TWO 12cm Relayed Fans with Individual 4-Pin PWM Connector
- Stand-alone Water Pump with Powerful Flow Rate 0.84 Litter Per Minute
- Mounting Accessories are included
- Shin-Etsu Series Thermal Compound Pre-Printed on Base
- Support CPU Overclocking Power Mode up to 200Watts Heat Dissipation

#### **Cooling Fan Specification:**

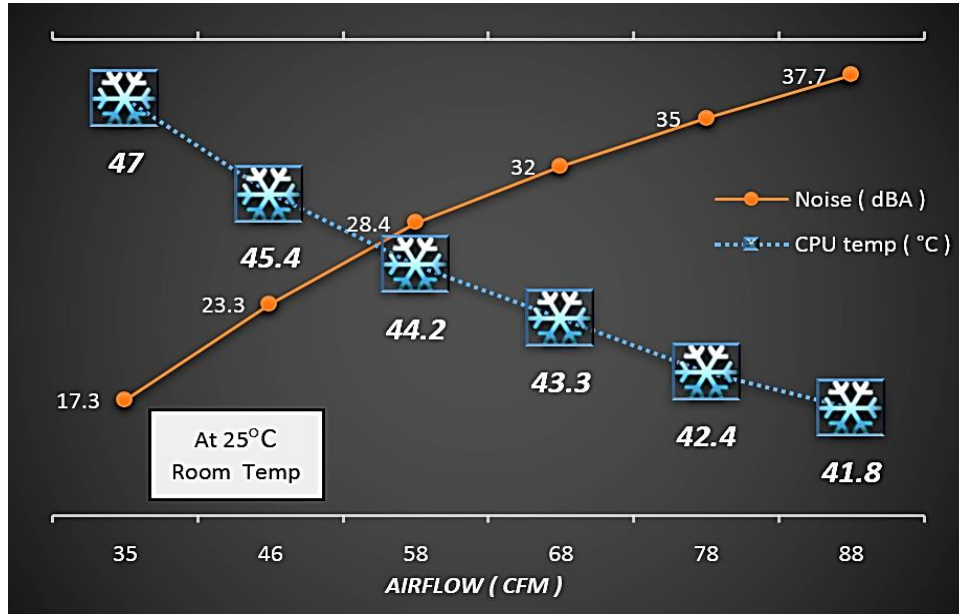
- Model Number: DF121238BH - PWMG
- Dimension: 120mm x 120mm x 38mm
- Bearing: Liquid State
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 900±200 RPM
  - At Duty Cycle 50%: 1500±200 RPM
  - At Duty Cycle 100%: 2300±10% RPM

- Rated Input Power:
  - At Duty Cycle 0~20%: 1.2 W
  - At Duty Cycle 50%: 2.0 W
  - At Duty Cycle 100%: 4.9 W
  
- Rated Airflow:
  - At Duty Cycle 0~20%: 34.8 CFM
  - At Duty Cycle 50%: 58.0 CFM
  - At Duty Cycle 100%: 88.93 CFM
  
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 0.79 mm-H<sub>2</sub>O
  - At Duty Cycle 50%: 2.20 mm-H<sub>2</sub>O
  - At Duty Cycle 100%: 5.17 mm-H<sub>2</sub>O
  
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 17.3 dBA
  - At Duty Cycle 50%: 28.4 dBA
  - At Duty Cycle 100%: 37.7 dBA
  
- Lead Wire Pin Out Diagram :



## Desktop Liquid Cooler L5 Thermal Performance

( Airflow VS. CPU Temperature & Noise )



( Airflow VS. Thermal Resistance )

