



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

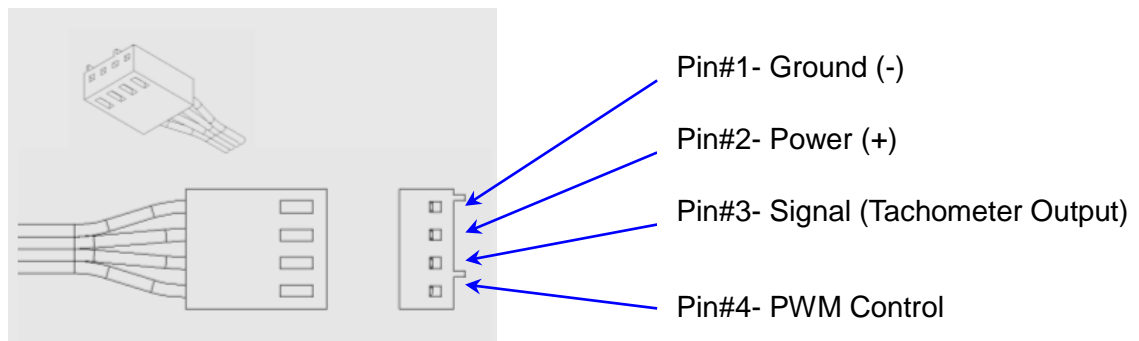
Overall Description :

- 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

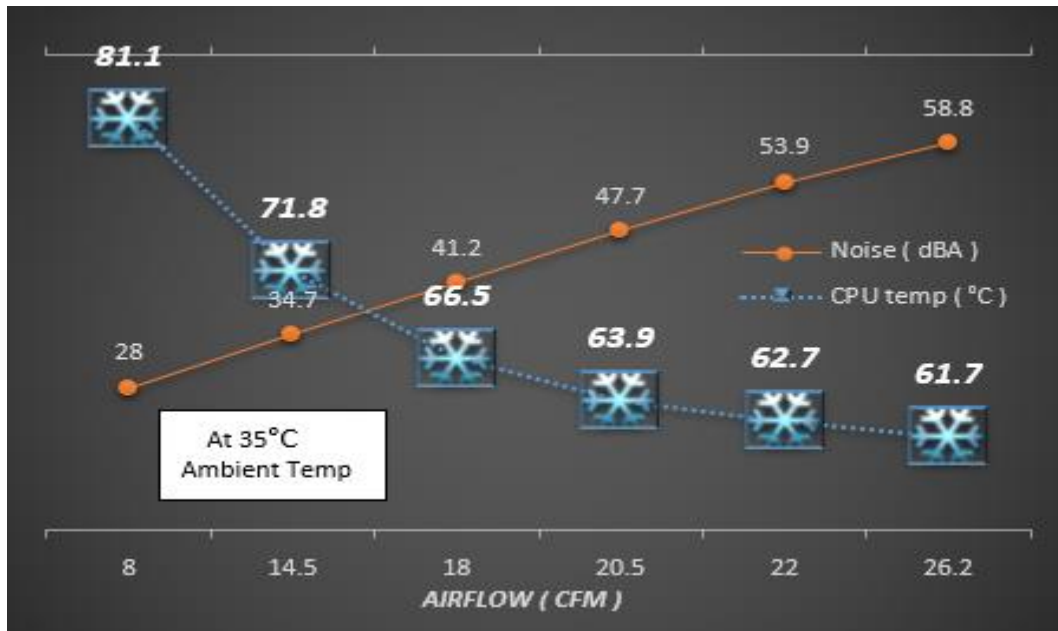
Cooling Fan Specification:

- 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

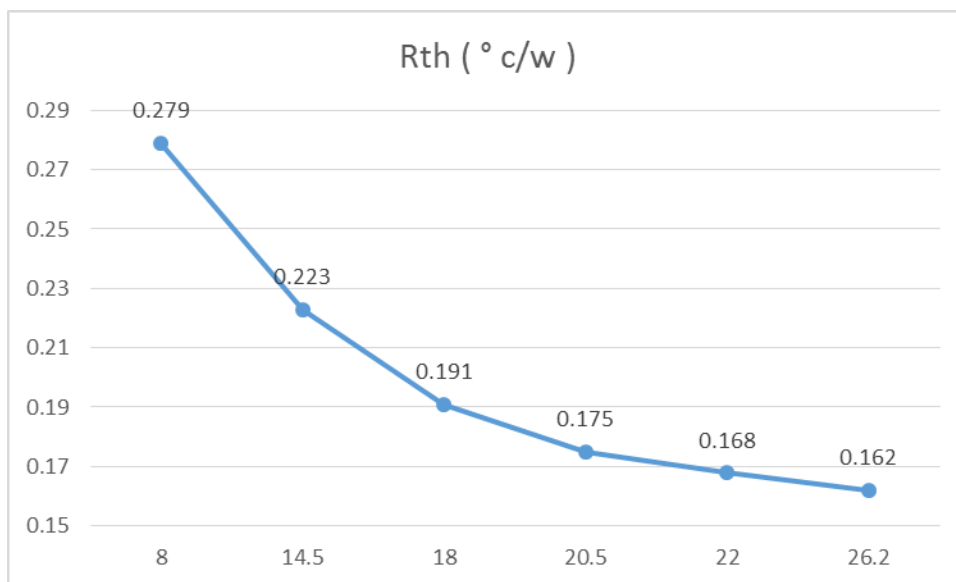
- **Rated Input Power:**
 - At Duty Cycle 0~20%: 0.72 W
 - At Duty Cycle 50%: 1.56 W
 - At Duty Cycle 100%: 8.40 W
- **Rated Airflow:**
 - At Duty Cycle 0~20%: 5.92 CFM
 - At Duty Cycle 50%: 10.23 CFM
 - At Duty Cycle 100%: 21.53 CFM
- **Rated Static Pressure:**
 - At Duty Cycle 0~20%: 1.73 mm-H₂O
 - 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)

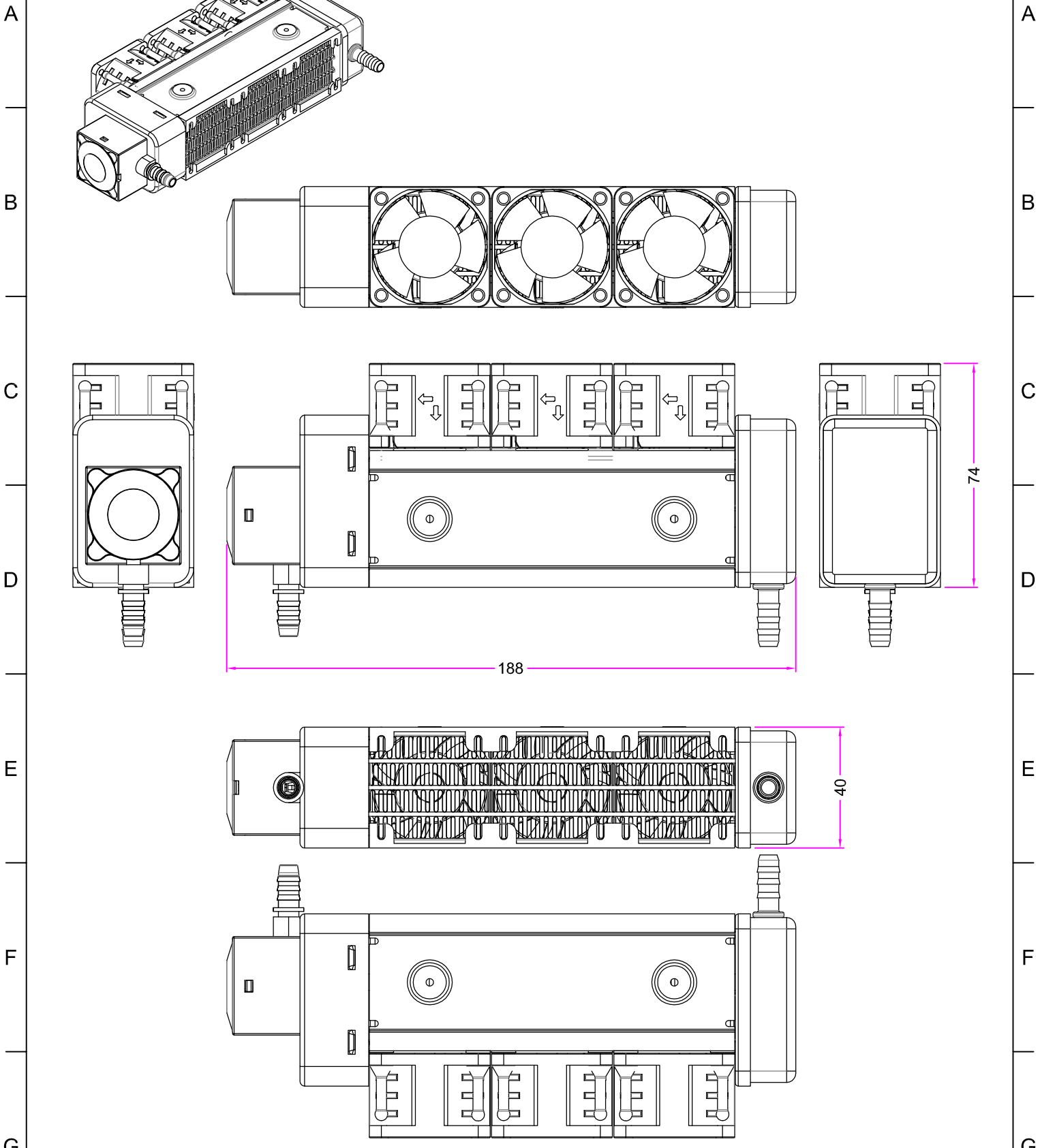


(Airflow VS. Thermal Resistance)



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REV#	DESCRIPTION	CHECKER	DATE
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	NAME	DATE
DRAWN BY	ENGR	03/31/15
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ENG. APPROVED		
MFG. APPROVED	-	-



DYNATRON CORPORATION

TOP MOTOR

TITLE: 1U Server Liquid Cooler Condenser L3
Overall Dimension Drawing

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