

NEW PRODUCT SPEC SHEET

Model Number: R24

- Recommend for Intel® Xeon® E5-2600 and 4600 Series, Socket LGA2011
- **For Narrow ILM Only**
- Active Cooler by Side-Blowing Cooling for 2U Server and up

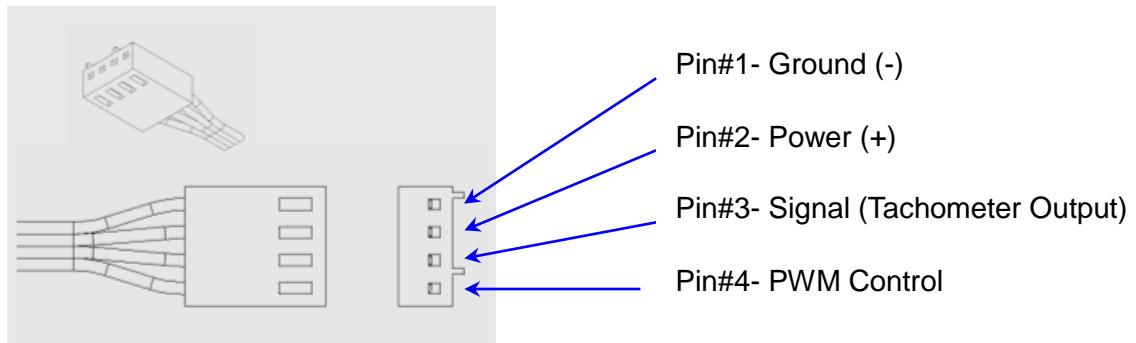
Overall Specification:

- Dimension: 112 x 84 x 67mm
- Weight: 400g±5g
- 6028 Side-Blow Fan with PWM Function
- Material: Aluminum Stacked Fin with Heat Pipes directly contact CPU
- Convenient Heat Sink Captive Mounting
- Thermal Grease Shin-Etsu 7762 Pre-printed
- Support CPU Power up to 165Watts Heat Dissipation

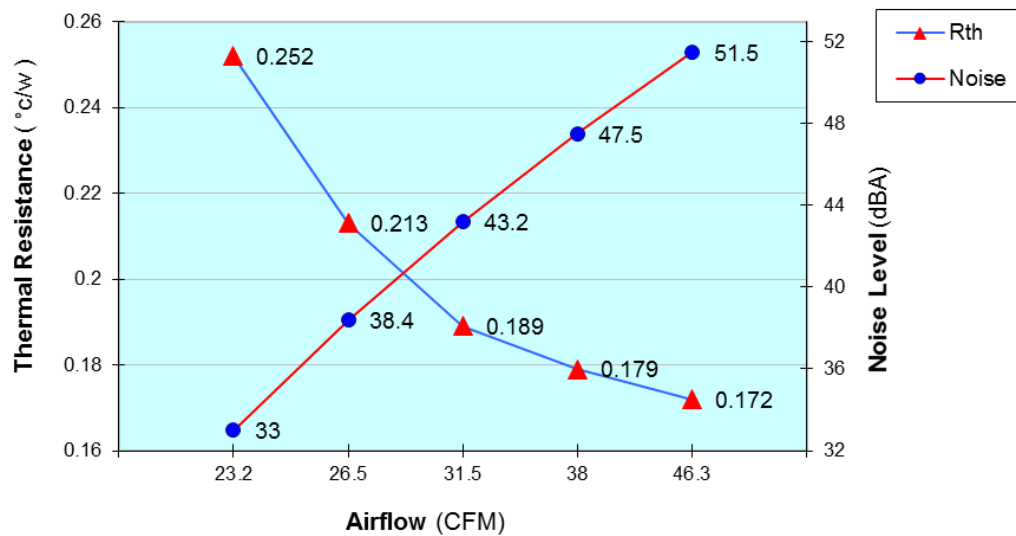
Fan Specification:

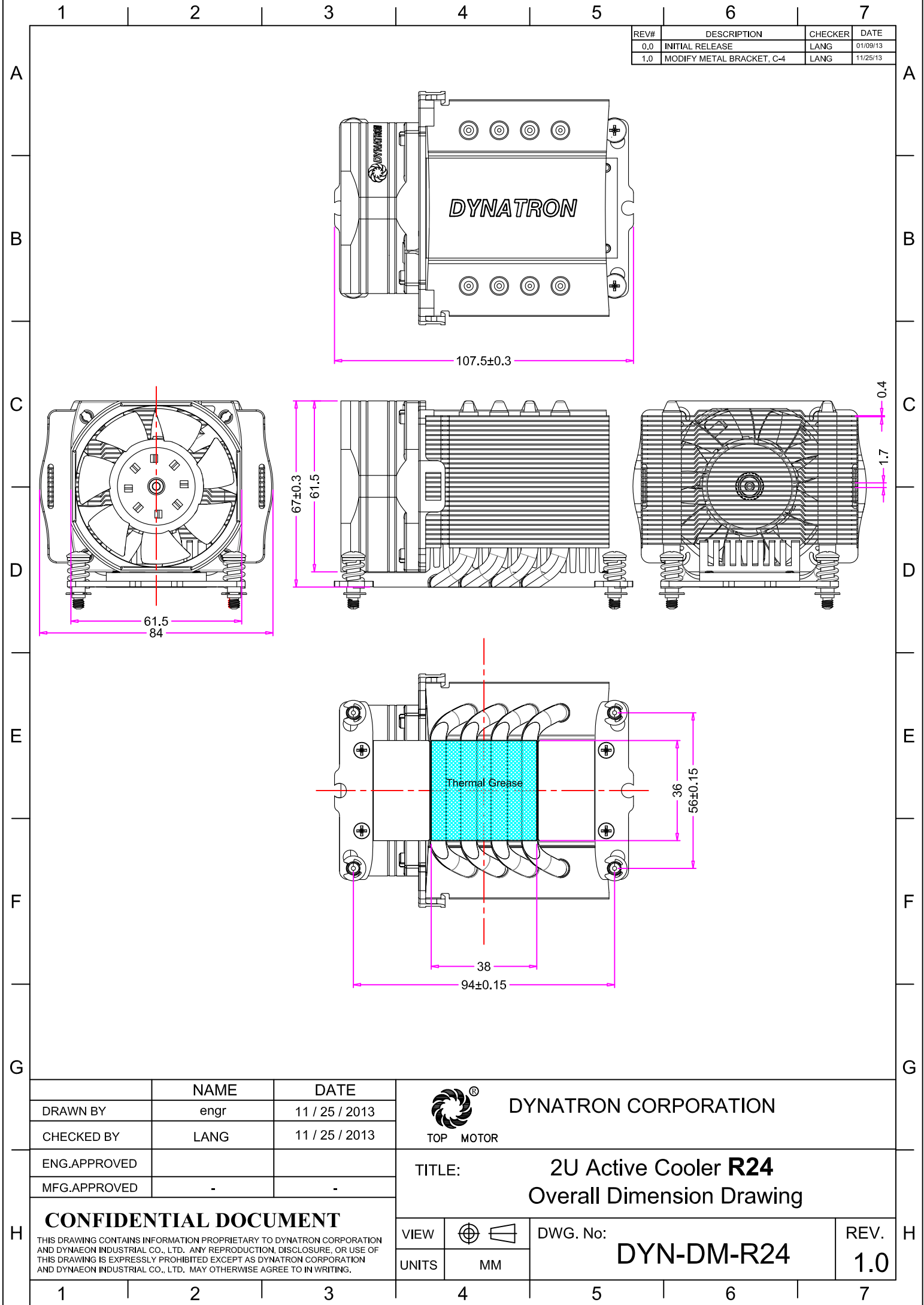
- Model Number: DF126028BM - PWM
- Dimension: 60 x 60 x 28 mm
- Bearing: Double-Ball
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20% : 1300±300 RPM
 - At Duty Cycle 50% : 3500±10% RPM
 - At Duty Cycle 100% : 7000±10% RPM
- Rated Input Power:
 - At Duty Cycle 0~20% : 0.60 W
 - At Duty Cycle 50% : 1.68 W
 - At Duty Cycle 100% : 9.60 W

- Rated Airflow:
 - At Duty Cycle 0~20% : 8.10 CFM
 - At Duty Cycle 50% : 20.26 CFM
 - At Duty Cycle 100% : 40.53 CFM
- Rated Static Pressure:
 - At Duty Cycle 0~20% : 0.57 mm-H₂O
 - At Duty Cycle 50% : 3.57 mm-H₂O
 - At Duty Cycle 100% : 14.30 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20% : 17.0 dBA
 - At Duty Cycle 50% : 31.9 dBA
 - At Duty Cycle 100% : 51.2 dBA
- Lead Wire Pin Out Diagram :



Active Cooler R24 Cooling Performance VS. Fan Speed & Noise:





REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	01/09/13
1.0	MODIFY METAL BRACKET, C-4	LANG	11/25/13

	NAME	DATE
DRAWN BY	engr	11 / 25 / 2013
CHECKED BY	LANG	11 / 25 / 2013
ENG.APPROVED		
MFG.APPROVED	-	-



TOP MOTOR

DYNATRON CORPORATION

TITLE: 2U Active Cooler **R24**
Overall Dimension Drawing

VIEW	
UNITS	MM

DWG. No: **DYN-DM-R24**

REV. **1.0**

CONFIDENTIAL DOCUMENT

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