DYNATRON

The Thermal Solution Architect

WWW.DYNATRON.CO

Product Spec Sheet

A24

Table of Contents

1. Product Description 3

2. Thermal Performance Curve 4

3. Dimension and BOM Drawing.....5

4. RoHS Certificate.....6

DYNATRON
The Thermal Solution Architect

NEW PRODUCT SPEC SHEET

Application:

- Recommend for AMD Processor, Socket AM4 / AM5
- Active Cooler For 2U Server and up

Overall Specification:

- Dimension: 107 x 78 x 67 mm
- Weight: 400 g
- 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 or equivalent
- Support CPU Power 155 Watts Heat Dissipation at 30° ambient temperature

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 0±10% RPM

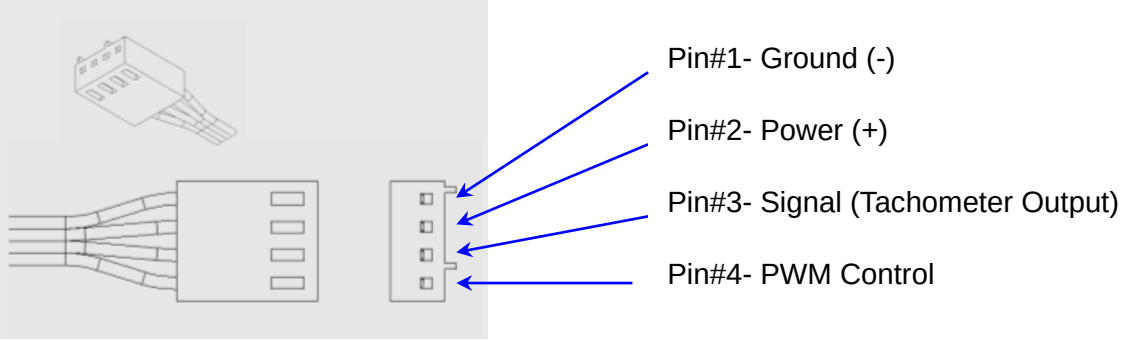
- Rated Input Power:
    - At Duty Cycle 0~20% : 0.60 W
    - At Duty Cycle 50% : 1.68 W
    - At Duty Cycle 100% : 9.60 W

- Rated Airflow:
  - At Duty Cycle 0~20% : 8.10 CFM
  - At Duty Cycle 50% : 20.26 CFM
  - At Duty Cycle 100% : 40.53 CFM

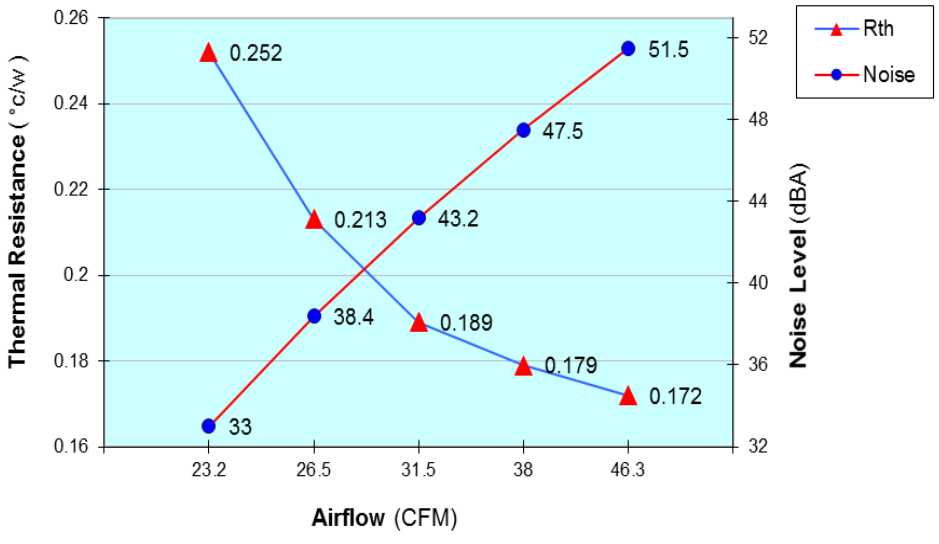
- Rated Static Pressure:
  - At Duty Cycle 0~20% : 0.57 mm-H_2O
  - At Duty Cycle 50% : 3.57 mm-H_2O
  - At Duty Cycle 100% : 14.30 mm-H_2O

- 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

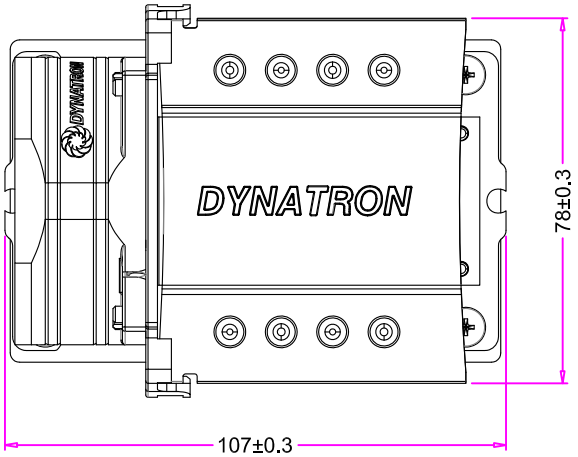
- Lead Wire Pin Out Diagram :

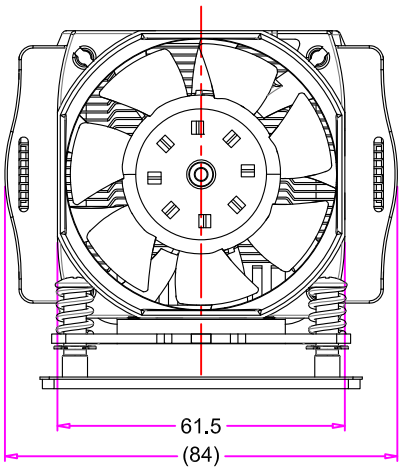


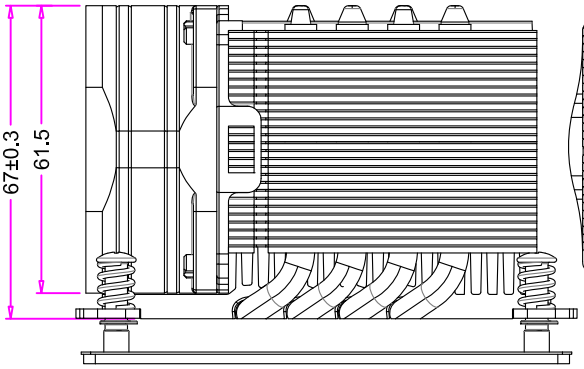
Active Cooler A24 Cooling Performance VS. Fan Speed & Noise:

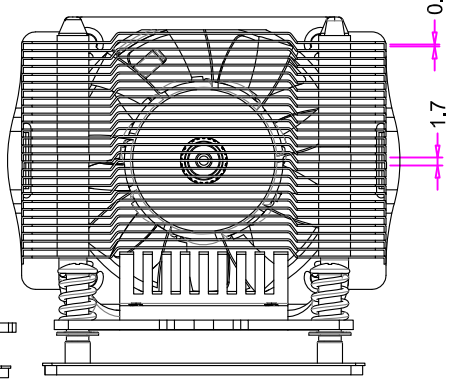


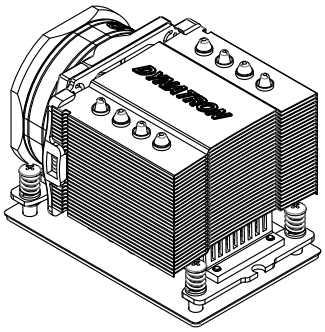
REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	LANG	05/19/17

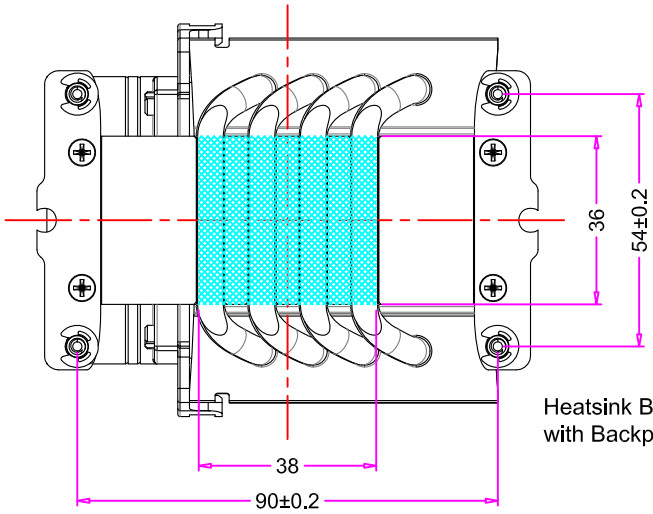




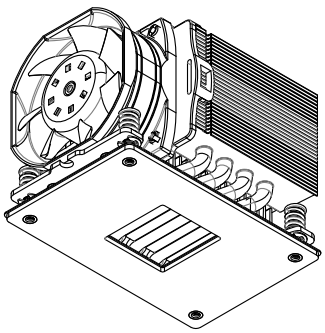








Heatsink Bottom View
with Backplate Hidden



Item#	Description	Material	QTY.
11	Insulator	PC, with Dual-Side Adhesive	1
10	Backplate	SPCC	1
9	Thermal Grease, Pre-Printed	Shin-Etsu, 7762	1
8	C-ring	Steel	4
7	Screw, Heatsink Bracket	Steel	4
6	Bracket	SK7, Thk 2.0mm	2
5	Spring (0940)	SWP	4
4	Heatsink, Stacked Fin	Alumlnum + Heatplpe	1
3	Screw, # 6-32 UNC	Steel	4
2	Fan Bracket	Plastic	1
1	Fan, DF126028BM-PWMG, 7000RPM	Plastic	1

	NAME	DATE
DRAWN BY	engr	05 / 19 / 2017
CHECKED BY	LANG	05 / 19 / 2017
ENG.APPROVED		
MFG.APPROVED	-	-

CONFIDENTIAL DOCUMENT

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DYNATRON CORPORATION

TOP MOTOR

TITLE: 2U Active Cooler **A24**
BOM & Overall Dimension Drawing

VIEW		DWG. No:	REV.
UNITS	MM	DYN-BD-A24	0.0

Certificate of Environment Protection
環保證明書

Document Number: RH-A24-R0

Customer: 客戶名稱:	***Company:*** _____ ***Address:*** _____ ***Phone Number:*** _____ - _____- _____
Issue Date:	05/19/2017
Product Model Number:	*A24*

Dynatron Corporation hereby declares and certifies that all components manufactured

are RoHS compliant according to the definitions and restrictions given by the European Union's

Restriction (Directive 2002/95/EC) (Decision2011/65/EU)RoHS 2, on the restriction of the use of certain Hazardous Substances in the electrical and electronic equipment. Also, compliance to the most recent list of substances on the REACH candidate list.

Number of substances on

the Candidate List: 168 (last updated: 17/12/2015)

No exemptions are claimed in order for the part to be compliant with the RoHS directive.

Dynatron Corporation / 政久興業股份有限公司證明所有產品,零件 (包括附屬品, 包裝類) 之環境管理物質完全符合 RoHS, WEEE, 及該環保標準之規定, 並承諾遵 循以上之證明.

Dynatron Corporation.
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Title (職務): ASSISTANT-MANAGER

Signature (簽字): _____ Date: 05 / 19 / 2017