DYNATRON

Q2

2U Passive Heat Sink

PRODUCT SPECIFICATIONS

Model Number: Q2

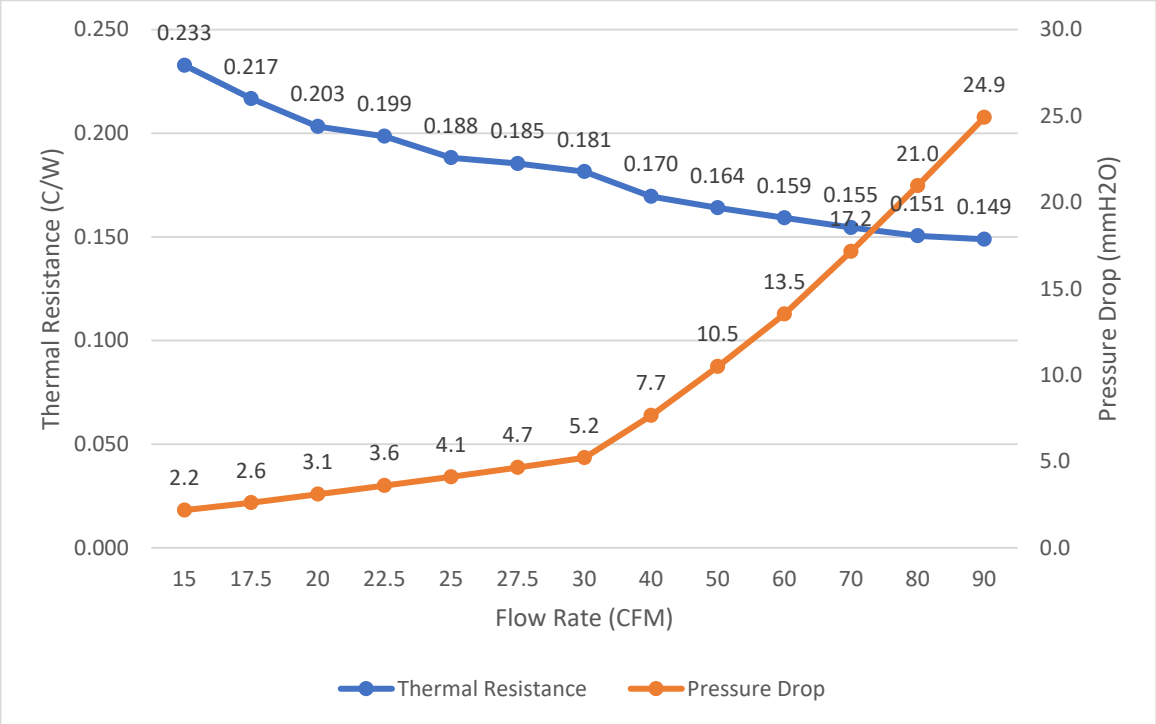
- Recommend for Intel® CPU as following
  - Support Intel Core 12th -15th Gen, Socket LGA1700/1851
- Passive Heat Sink for 2U Server

Overall Specification

Dimension	90 x 90 x 66 mm
Weight	653±5 g
Material	Copper Base with Aluminum Stacked Fin plus 4 Heat Pipes
Back Strip	Included
Thermal Grease	Pre-Printed with SHIN-ETSU 7762 or Equivalent
Support CPU Power	Up to 155 Watts at 30°C ambient temperature

Performance Chart: Passive Cooler Q2 Thermal Resistance

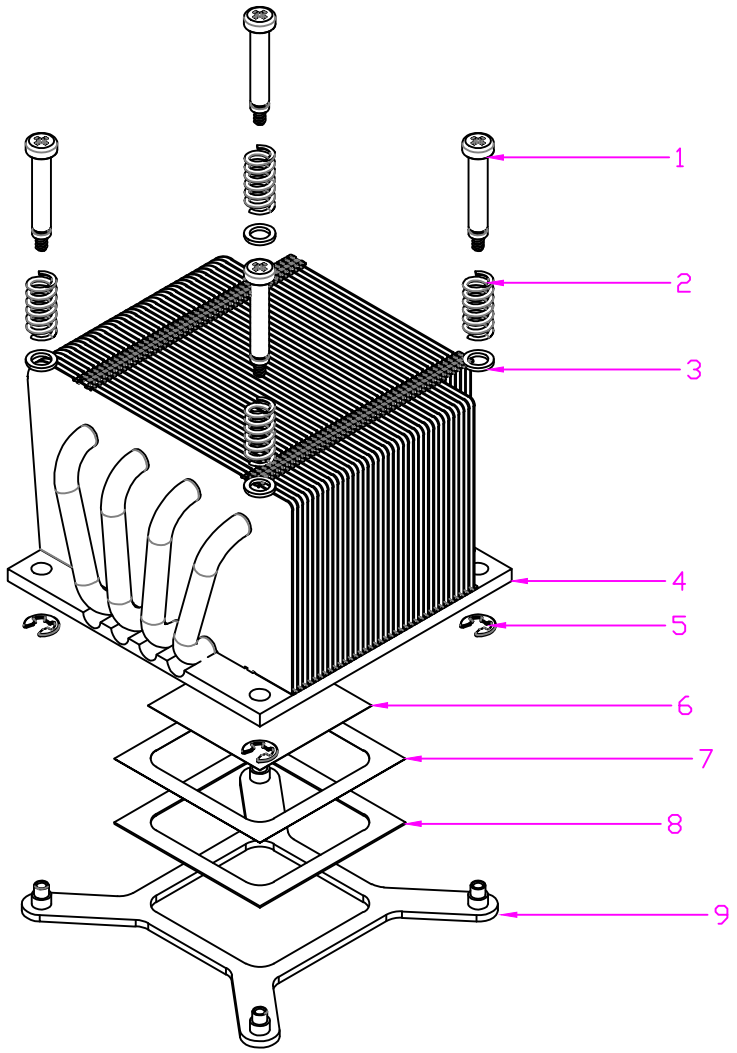
Thermal Performance vs. Flow Rate

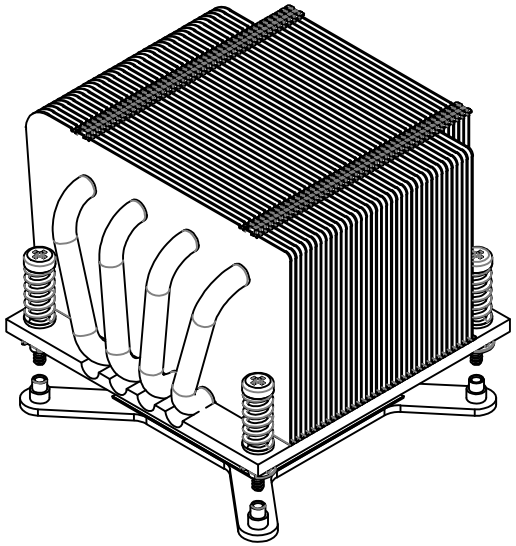


© 2020 by Dynatron Corporation.

CONFIDENTIAL DOCUMENT
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT AS DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. MAY OTHERWISE AGREE TO IN WRITING.

REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JOY	02/24/21
1.0	BACKPLATE UPDATE	JOY	10/07/21





ITEM #	DESCRIPTION	MATERIAL	QTY.
9	BACKPLATE	SPCC	1
8	INSULATOR	FORMEX GK-17	1
7	ADHESIVE TAPE	3M	1
6	THERMAL GREASE	TIG830SP	1
5	C-RING	STEEL	4
4	HEATSINK	Cu Base + AL FIN + HEATPIPE x4	1
3	WASHER	STEEL	4
2	SPRING	SUS 304	4
1	SCREW, HEATSINK	STEEL	4

	DATE	NAME
DRAWN	04/21/21	engr.
CHECKED	04/21/21	Joy
ENG. APPR.		
MFG. APPR.		
Q.A.		
COMMENTS:		

TOP MOTOR DYNATRON CORPORATION

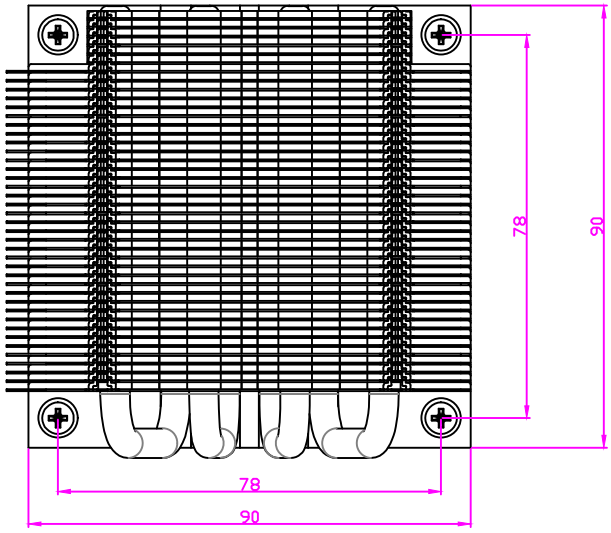
TITLE:
2U Passive Cooler Q2
BOM & Exploded Assembly Drawing

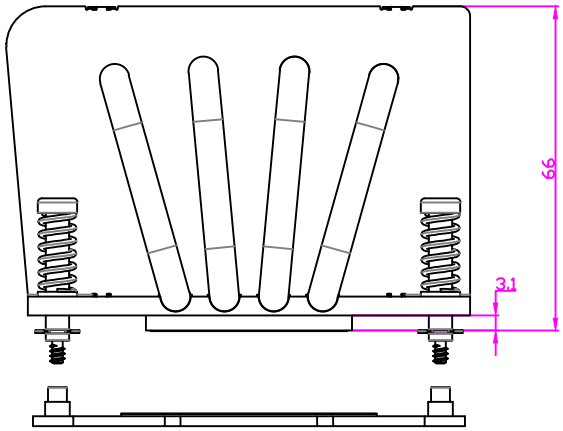
DWG. No: DYN-EP-Q2

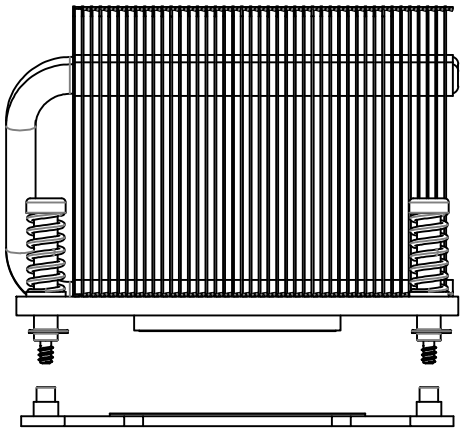
REV 1.0

NOTES:
1. OVERALL DIMENSION: 90.0x90.0x66.0 mm
2. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE

REVN	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	JDY	05/24/21
1.0	BACKPLATE UPATE	JDY	10/07/21







	NAME	DATE
DRAWN BY	ENGR	04/21/2021
CHECKED BY	ENGR	04/21/2021
ENG.APPROVED		
MFG.APPROVED	-	-

CONFIDENTIAL DOCUMENT

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT AS DYNATRON CORPORATION AND DYNAEON INDUSTRIAL CO., LTD. MAY OTHERWISE AGREE TO IN WRITING.

TOP MOTOR

DYNATRON CORPORATION

TITLE: 2U PASSIVE COOLER
Q2
Overall Dimension Drawing

VIEW		DWG. No:	REV.
UNITS	MM	DYN-BD-Q2	1.0