DYNATRON
The Thermal Solution Architect

NEW PRODUCT SPEC SHEET

Model Number: T450

- Recommend for Intel® 3rd. Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1155
  Previous Generation Core™ i3 / i5 / i7 Desktop Processors, Socket LGA1156
- Active Cooler for Mini-ITX Form Factor (with Chassis height 2-inchs and up)

Overall Specification:
- Dimension: ø93.0 x 31.0 mm
- Weight: 185g ± 5g
- Material: Aluminum 6063-T5 Extruded Radial Fin Heat Sink
- 8015 Top-Down Blowing Fan
- Screw Fastener Captive Mounting
- Interference-Free Heatsink Mounting Back Strips are Included
- Pre-Printed TIG830SP Thermal Grease
- Support CPU Power up to 65 Watts

Fan Specification:
- Dimension: 80mm x 80m x 15mm
- Bearing: Dual-Ball
- Rated Voltage: 12V
- Rated Speed:
  - At Duty Cycle 0~20%: 800 RPM
  - At Duty Cycle 50%: 1500 RPM
  - At Duty Cycle 100%: 2500 RPM
- Rated Input Power:
  - At Duty Cycle 0~20%: 0.36 W
  - At Duty Cycle 50%: 0.6 W
  - At Duty Cycle 100%: 2.4 W

- Rated Airflow:
  - At Duty Cycle 0~20%: 9.24 CFM
  - At Duty Cycle 50%: 18.48 CFM
  - At Duty Cycle 100%: 30.80 CFM
- Rated Static Pressure:
  - At Duty Cycle 0~20%: 0.23 mm-H_2O
  - At Duty Cycle 50%: 0.93 mm-H_2O
  - At Duty Cycle 100%: 2.60 mm-H_2O
- Rated Acoustical Noise:
  - At Duty Cycle 0~20%: 16.0 dBA
  - At Duty Cycle 50%: 22.0 dBA
  - At Duty Cycle 100%: 27.3 dBA
- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green(Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)

Model T450 Performance Chart

Note: Ambient Temperature 35ºC