



# DYNATRON CORPORATION

## NEW PRODUCT SPEC SHEET

### Part Number: G555

- For Intel Socket 1366
- Active cooler for 2U Server and up
- RoHS Compliant

### Overall Specification:

- Dimension: 94.0mm x 89.5mm x 64.0mm
- Weight: 460g  $\pm$  5g
- Material: Copper Base & Aluminum Fins with Heat pipes embedded
- Top-Down Fan Blow
- Screw-on Retention
- Finger Guard Protection
- Back Plate is not Included

### Fan Specification:

- Dimension: 77.0mm x 77.0mm x 20.0mm
- Rated Speed:
  - At Duty Cycle 0%: 1000 $\pm$  10%RPM
  - At Duty Cycle 20%: 1000 $\pm$  10%RPM
  - At Duty Cycle 100%: 5500 $\pm$  10%RPM
- Bearing: 2X Ball
- Rated Voltage: 12V
- Power:
  - At Duty Cycle 0%: 0.54W
  - At Duty Cycle 20%: 0.54W
  - At Duty Cycle 100%: 9W
- Maximum Airflow:
  - At Duty Cycle 0%: 8.36 cfm
  - At Duty Cycle 20%: 8.36 cfm
  - At Duty Cycle 100%: 53.90 cfm

- Acoustical Noise:
  - At Duty Cycle 0%: 20.6 dBA
  - At Duty Cycle 20%: 20.6 dBA
  - At Duty Cycle 100%: 51.4dBA
  
- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green( Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)

**Cooler G555, Thermal Performance VS. Fan Acoustical Level Chart :**

