



NEW PRODUCT SPEC SHEET

Model Number: R26

- Recommend for Intel® Xeon® Processor Processors E5-1600 / E5-2600 / E5-4600 Product Family, Socket LGA2011
- For Square ILM Mounting Type
- Active Cooler for 3U Server & Up

Overall Specification:

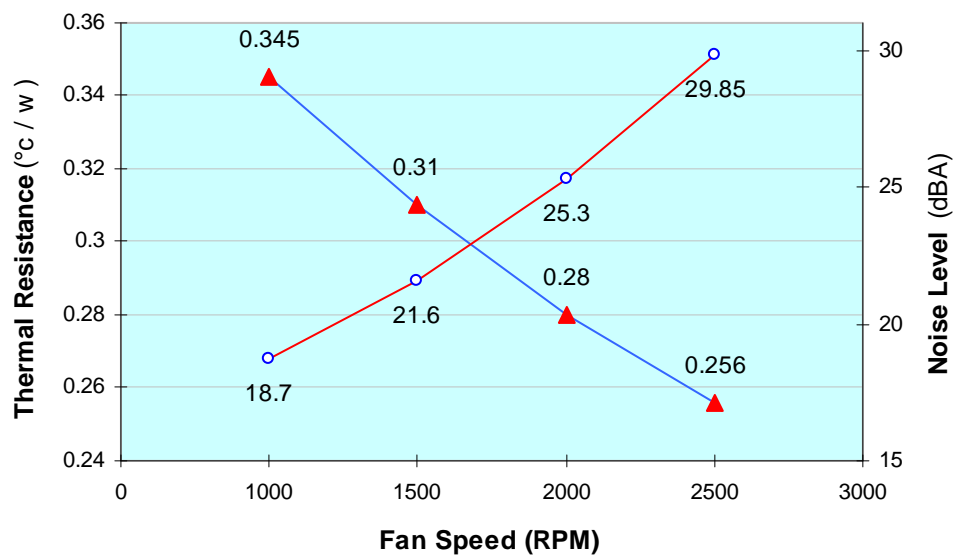
- Dimension: Ø 92.0 x 75.6 mm
- Overall Weight: 475 ± 5g
- Material: Aluminum Extruded Radial Fin Heat Sink with Copper Inserted
- 9225 Top-Down Blowing Fan with PWM Function
- Screw Fastener Captive Mounting
- Shin-Etsu G751 Thermal Grease Pre-Printed
- Support CPU Power up to 95Watts Dissipation

Fan Specification:

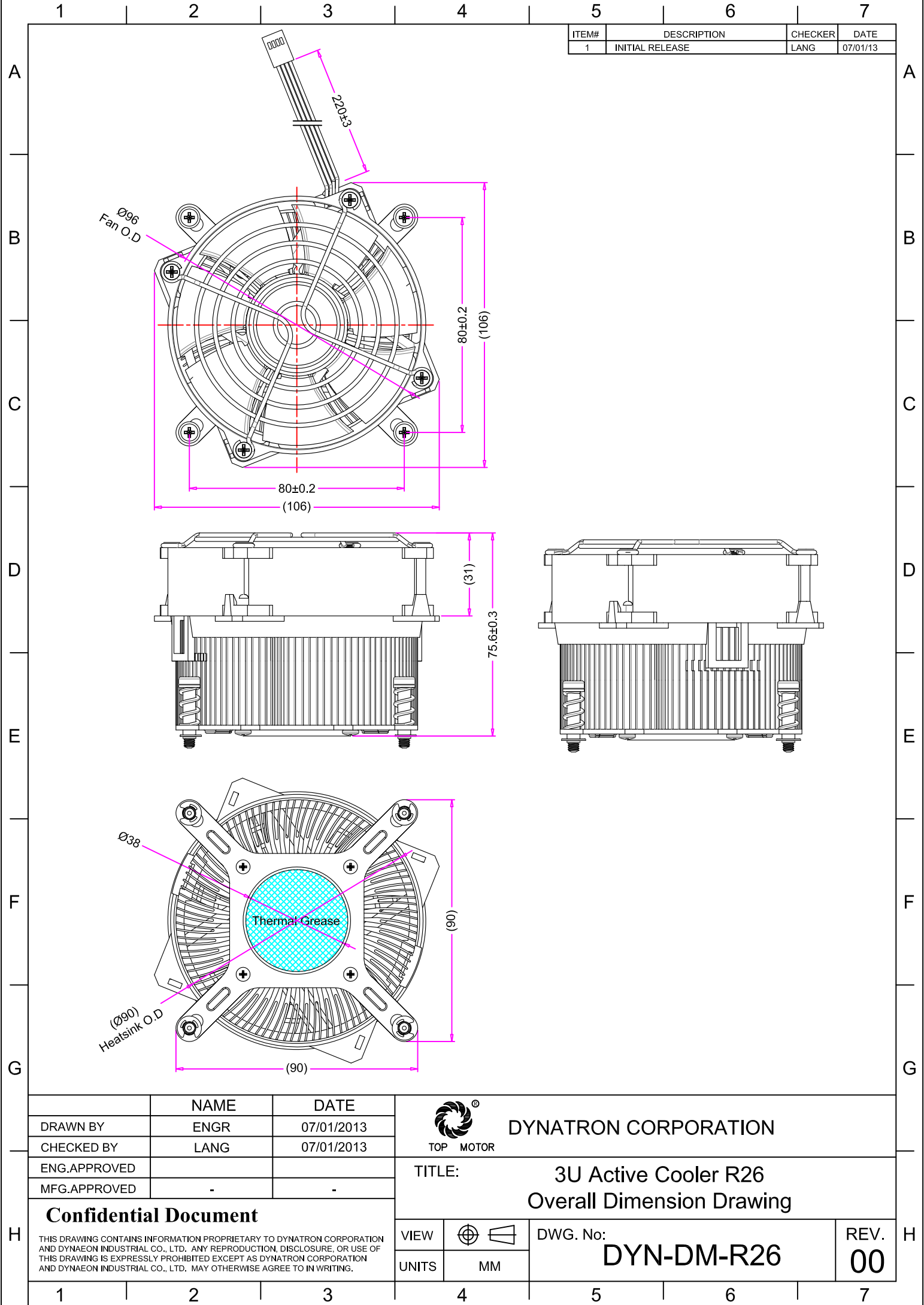
- Model Number: DF129225BM-PWM
- Dimension: Ø92.0 x 25mm
- Bearing: Ball Type, Double
- Rated Voltage: 12V
- Rated Speed:
 - At Duty Cycle 0~20%: 700 RPM
 - At Duty Cycle 50%: 1400 RPM
 - At Duty Cycle 100%: 2500 RPM
- Rated Input Power:
 - At Duty Cycle 0~20%: 0.72 W
 - At Duty Cycle 50%: 1.08 W
 - At Duty Cycle 100%: 3.6 W

- Rated Airflow:
 - At Duty Cycle 0~20%: 14.98 CFM
 - At Duty Cycle 50%: 29.90 CFM
 - At Duty Cycle 100%: 46.96 CFM
- Rated Static Pressure:
 - At Duty Cycle 0~20%: 0.290 mm-H₂O
 - At Duty Cycle 50%: 1.070 mm-H₂O
 - At Duty Cycle 100%: 2.977 mm-H₂O
- Rated Acoustical Noise:
 - At Duty Cycle 0~20%: 14.70 dBA
 - At Duty Cycle 50%: 18.50 dBA
 - At Duty Cycle 100%: 29.85 dBA
- Lead Wire Pin Out:
 - Pin#1-Black(-)
 - Pin#2- Yellow(+)
 - Pin#3- Green(Tachometer/ Signal Output)
 - Pin#4- Blue (PWM)

Performance Chart, R26 Thermal Resistance VS. Cooling Fan Speed & Noise



7/1/2013 LANG



ITEM#	DESCRIPTION	CHECKER	DATE
1	INITIAL RELEASE	LANG	07/01/13

	NAME	DATE
DRAWN BY	ENGR	07/01/2013
CHECKED BY	LANG	07/01/2013
ENG.APPROVED		
MFG.APPROVED	-	-



TOP MOTOR

DYNATRON CORPORATION

TITLE: 3U Active Cooler R26
Overall Dimension Drawing

VIEW	
UNITS	MM

DWG. No: DYN-DM-R26

REV. 00

Confidential Document

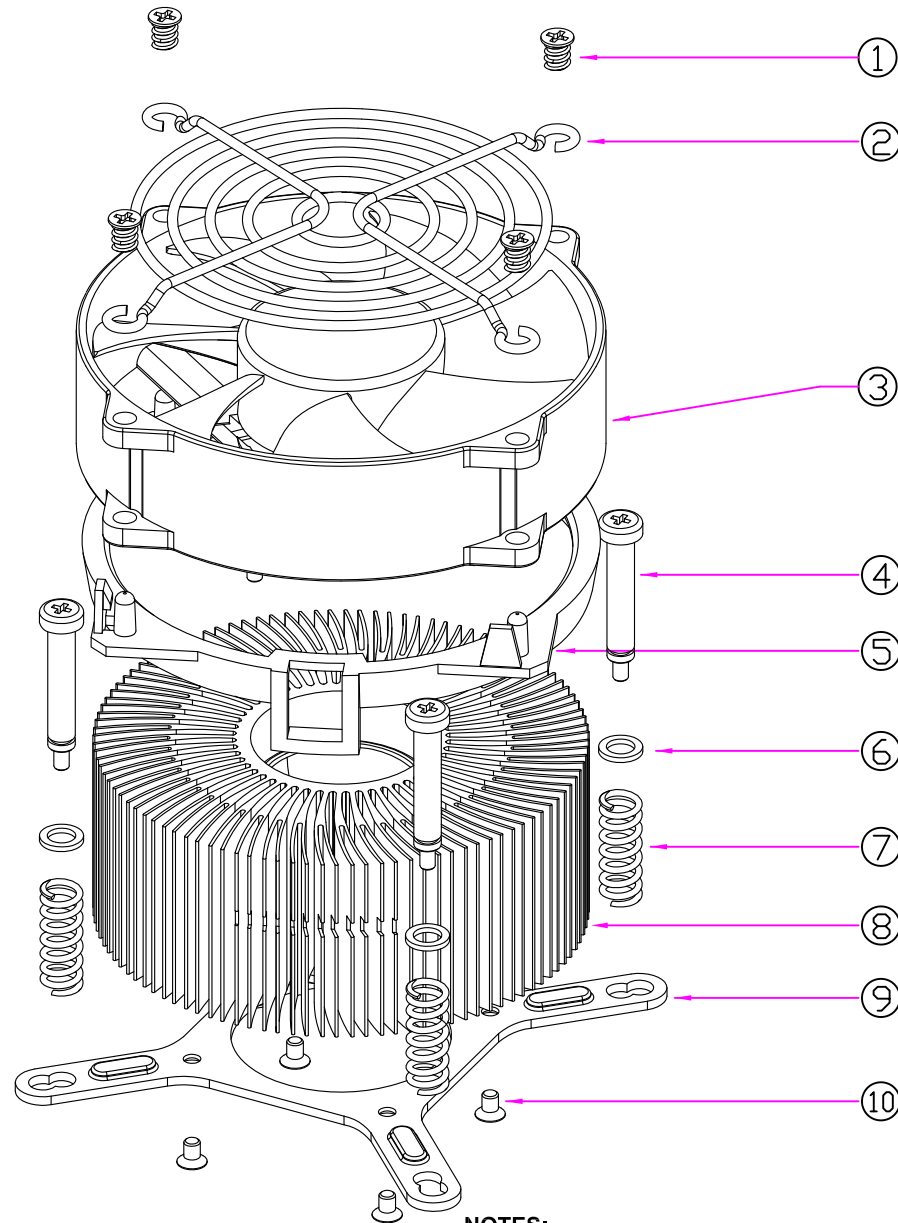
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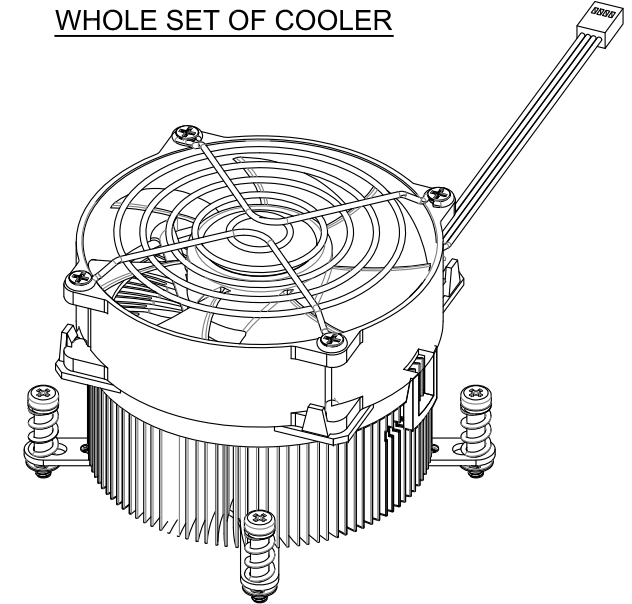
ASSEMBLY PARTS



NOTES:

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE
2. OVERALL DIMENSION: 106.0 x 106.0 x 75.6 mm
3. HEATSINK DIMENSION: 90.0 x 90.0 x 40.0 mm

WHOLE SET OF COOLER



11	THERMAL GREASE, PRE-PRINT	SHIN-ETSU G751	1
10	SCREW, RETENTION	STEEL	4
9	RETENTION, SOCKET	SPCC	1
8	HEATSINK, RADIAL	CU.CORE+AL.FIN	1
7	SPRING	SUS 304	4
6	WASHER	STEEL	4
5	RETENTION, FAN	PLASTIC	1
4	SCREW, HEATSINK	STEEL	4
3	FAN, DF129225BH-PWM	PLASTIC	1
2	FAN GUARD	STEEL	1
1	SCREW, FAN GUARD	STEEL	4
ITEM#	DESCRIPTION	MATERIAL	QTY.

	DATE	NAME	TOP MOTOR DYNATRON CORPORATION	
DRAWN	07/01/13	ENGR	TITLE: 3U Active Cooler R26 BOM & Exploded Assembly Drawing	
CHECKED	07/01/13	LANG		
ENG. APPR.				
MFG. APPR.				
G.A.			DWG. No: DYN-EP-R26	
COMMENTS:				
				REV 00