



**FAN TESTING MACHINE TECHNICAL SPECIFICATIONS**

<b>Manufacturer</b>	<b>Long Win Science &amp; Technology Corporation</b>
Model Number	LW-9266
Air Flow Rate	2.4 - 250 CFM
Accuracy of Air Flow Range	< 3.5% INFS
Repeatability error	< 2%
Static pressure	0-20mmAq (100mmAq with the high static pressure throttle device)
Overall Dimensionsr	0.7 (W) x 2.2 (L) x 1.6 (H) m
Power Source	220VAC, 5A, Single Phase, 50/60Hz
Based on Standards	ISO 5801-2007, AMCA 210-0, ASHRAE 51-2007, IEC 61591-2005, GB/T 1236-200

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## Evaluation Report

UNI fan SL120 RGB

TEST EQUIPMENT	
Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
Conditions	25(±2) degrees Celsius, 40-50% humidity
Sound Analyzer	Bruel & Kjaer 2270-S G4 & 2250-L G4
Microphone	Bruel & Kjaer Type 4955-A
Mic Calibrator	Bruel & Kjaer Type 4231
Data Logger	Picoscope TC-08

TECHNICAL SPECIFICATIONS TABLE	
Brand	Lian Li
Model	UNI fan SL120 RGB
Max Speed (RPM)	1863
Max Airflow (CFM)	48.85
Max Static Pressure (mmAq)	1.62
Max Fan Noise Level	32.0
Fan Bearing Type	Fluid Dynamic
Fan Connector	PWM
Fan Max Current (A)	0.17
Fan Weight (gr)	187
Dimensions (W x H x D)	120 X 120 X 25
Fan daisy-chain connector	✓
Cable length (mm)	0

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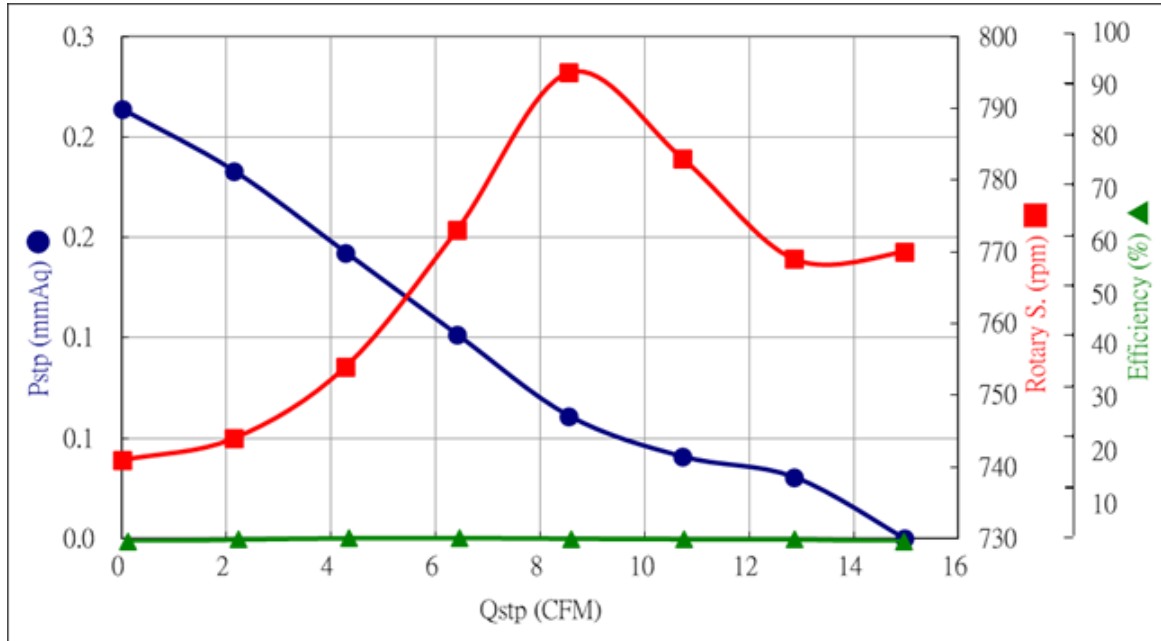
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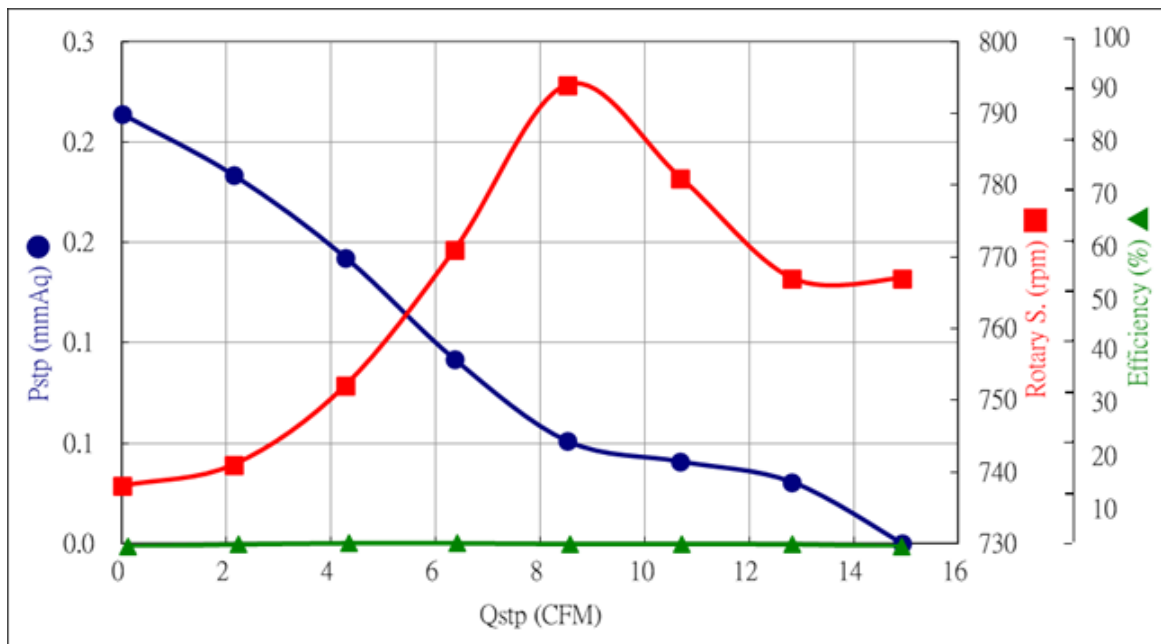
## Evaluation Report

UNI fan SL120 RGB

### PQ Chart 10% Speed



### PQ Chart 20% Speed



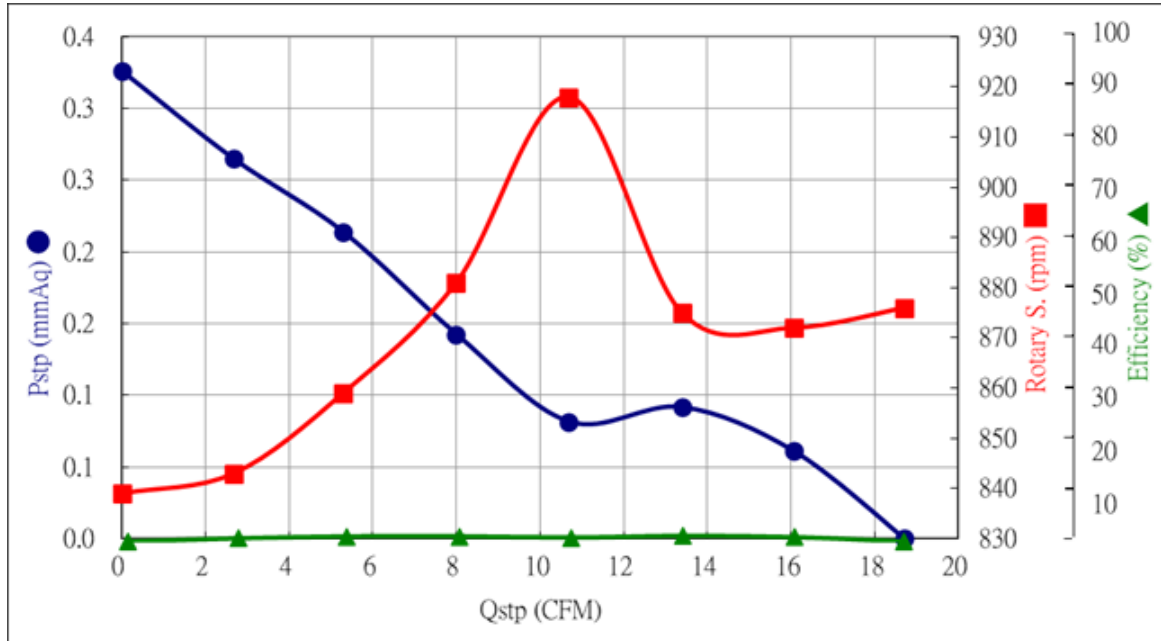
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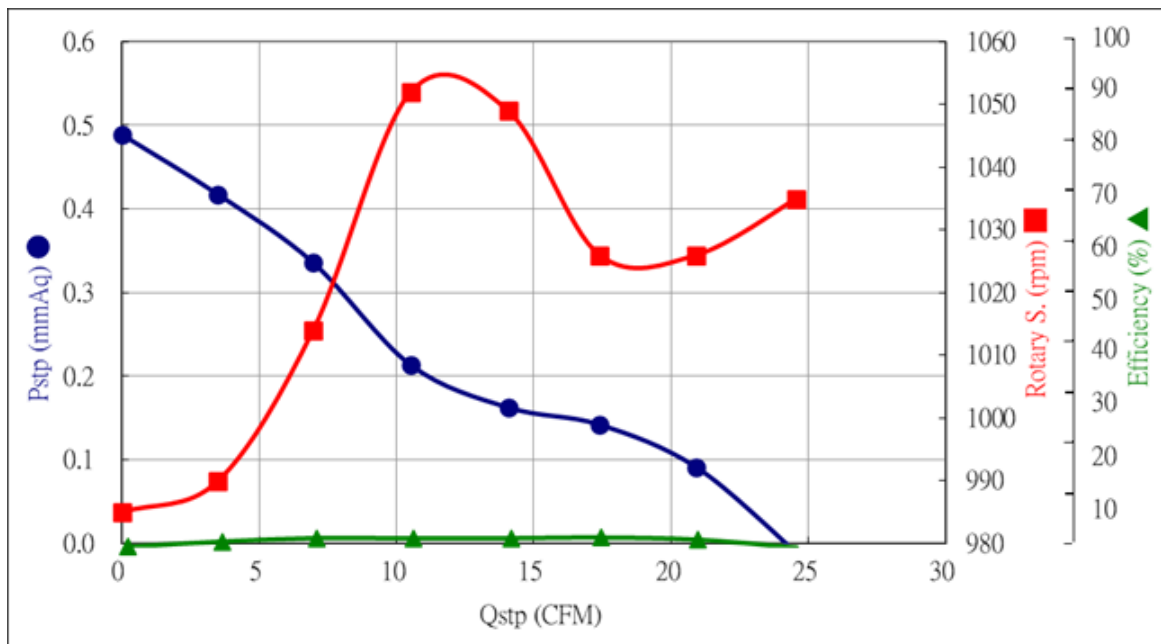
## Evaluation Report

UNI fan SL120 RGB

### PQ Chart 30% Speed



### PQ Chart 40% Speed



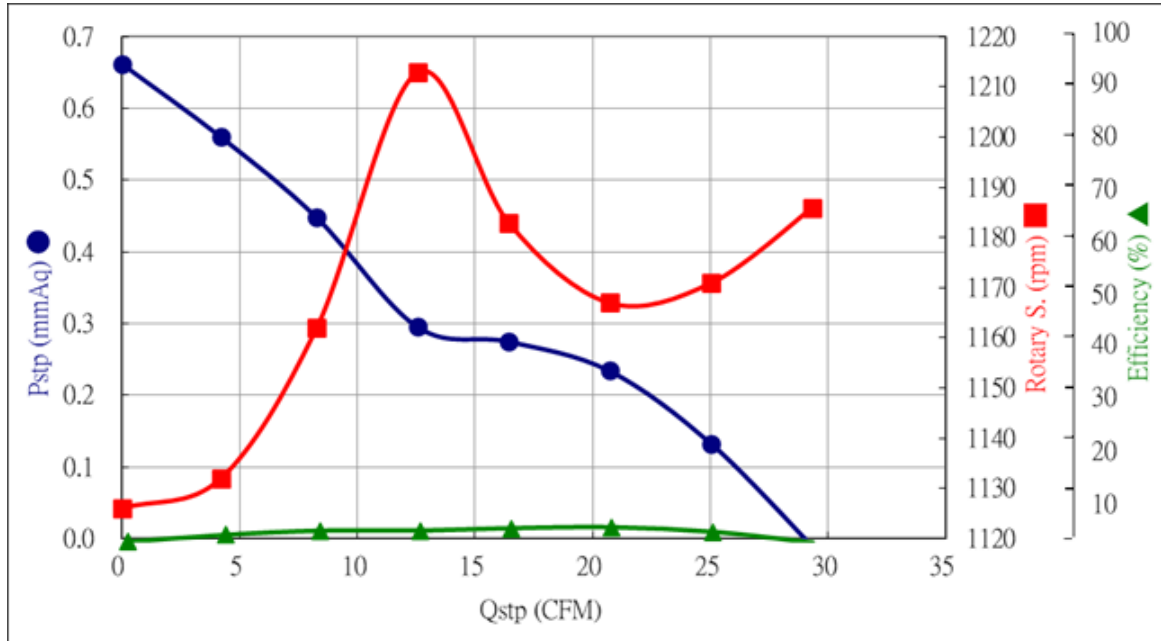
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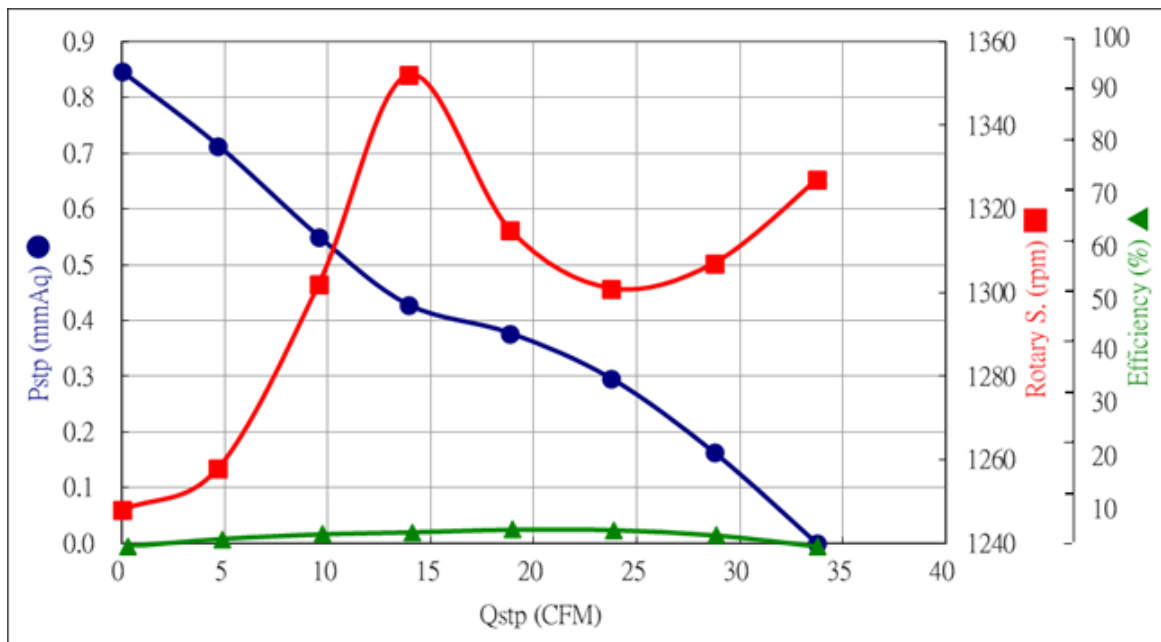
## Evaluation Report

UNI fan SL120 RGB

### PQ Chart 50% Speed



### PQ Chart 60% Speed



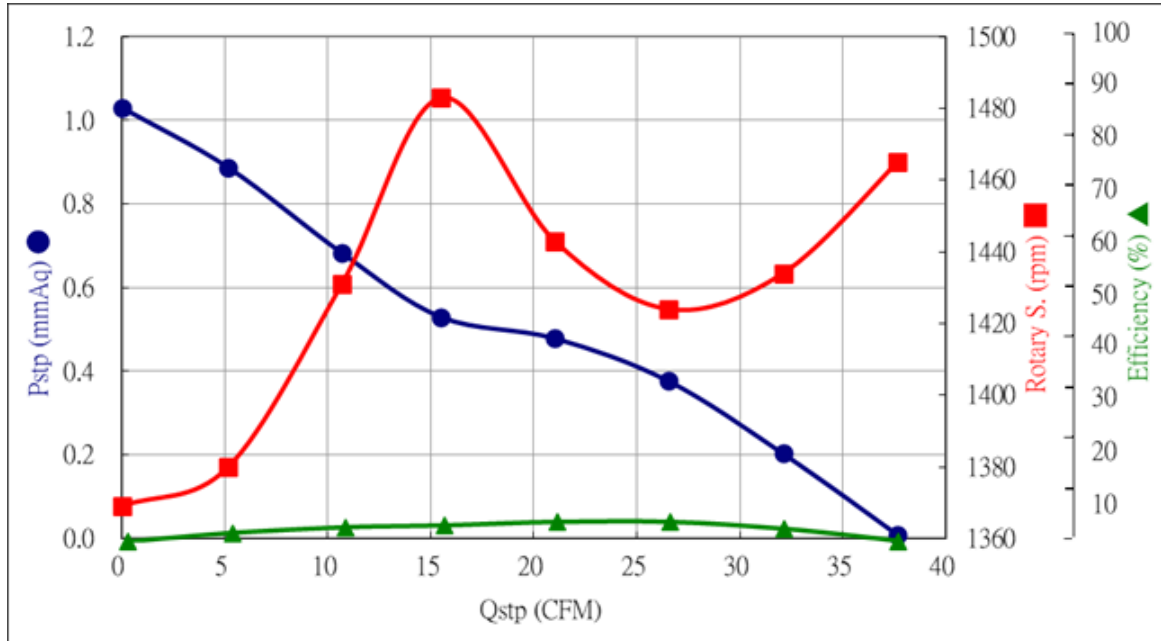
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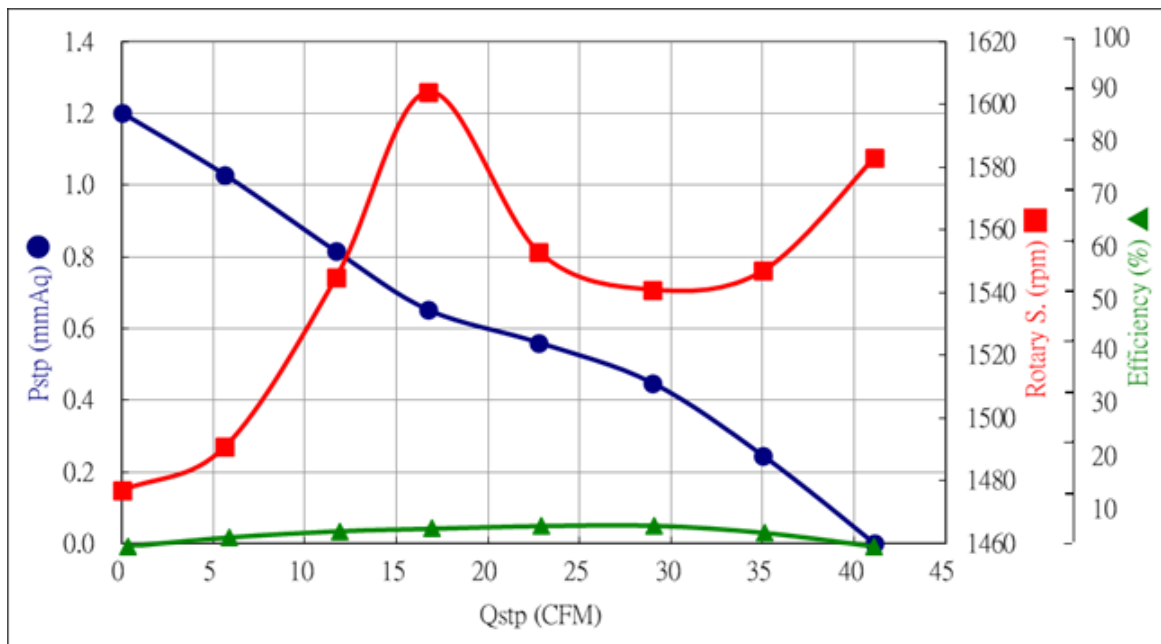
**Evaluation Report**

UNI fan SL120 RGB

**PQ Chart 70% Speed**



**PQ Chart 80% Speed**



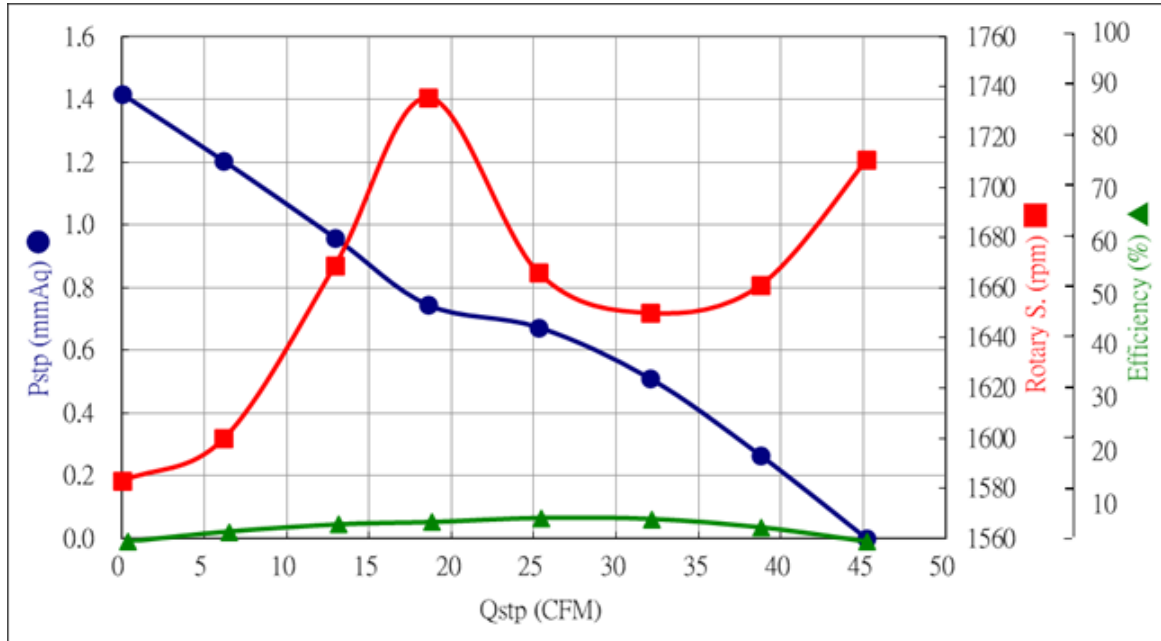
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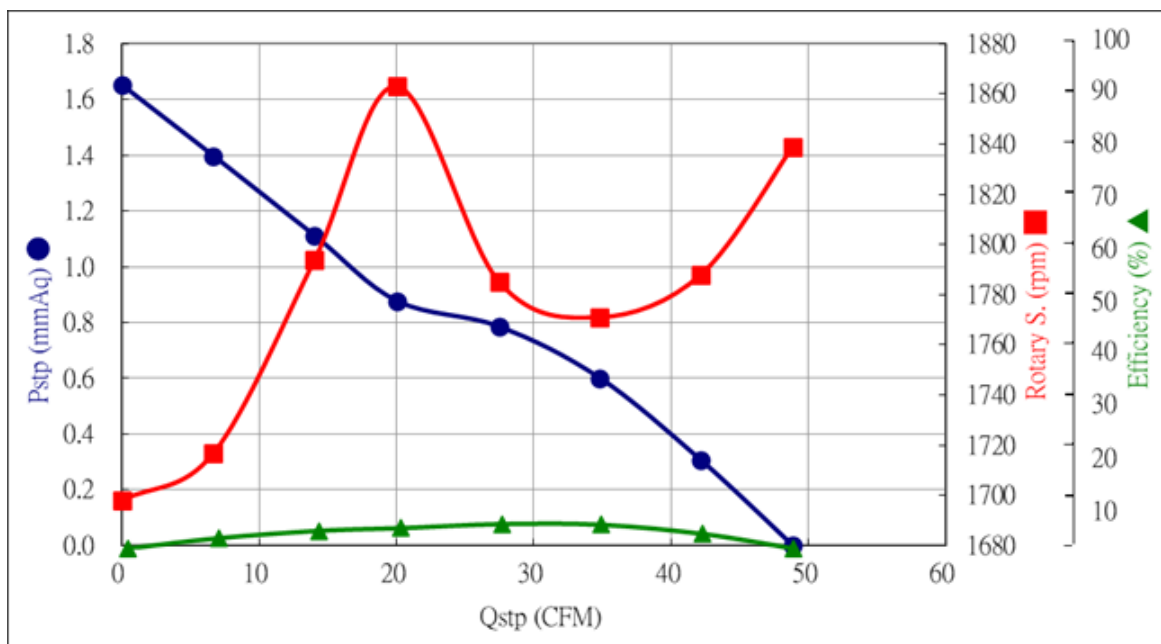
## Evaluation Report

UNI fan SL120 RGB

### PQ Chart 90% Speed



### PQ Chart 100% Speed



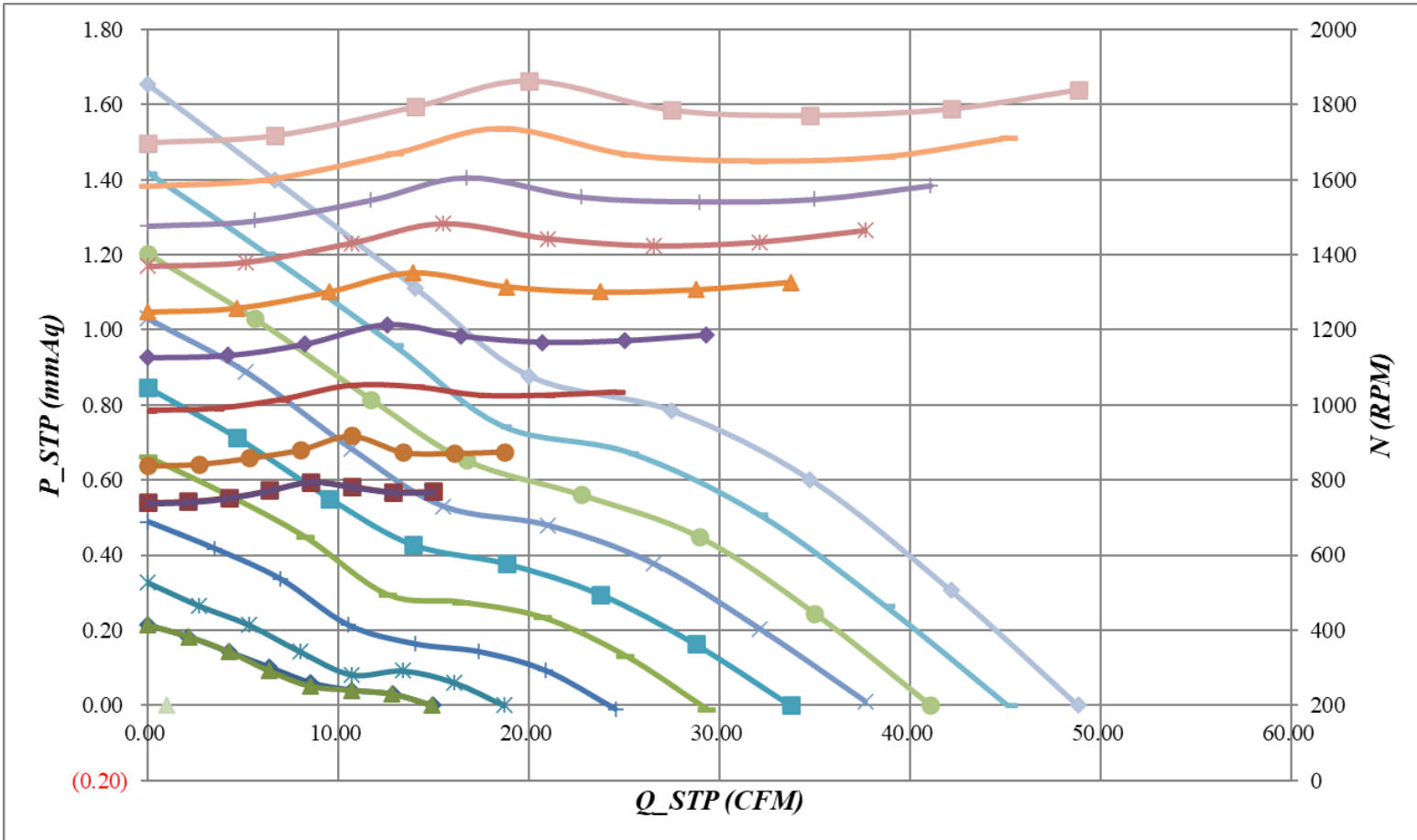
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## Evaluation Report

UNI fan SL120 RGB

### PQ Chart All Speed



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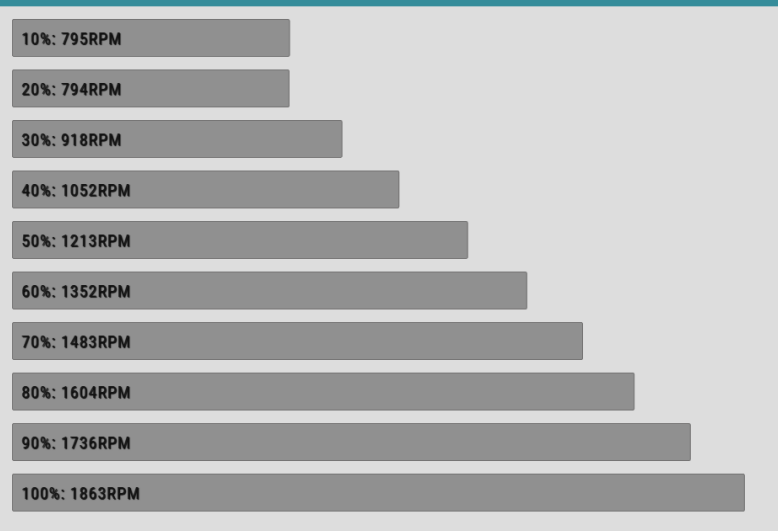
UNI fan SL120 RGB

### Speed Percentage - Speed RPM - LongWin

Lian Li Lian Li UNI fan SL120 RGB



Lower is better

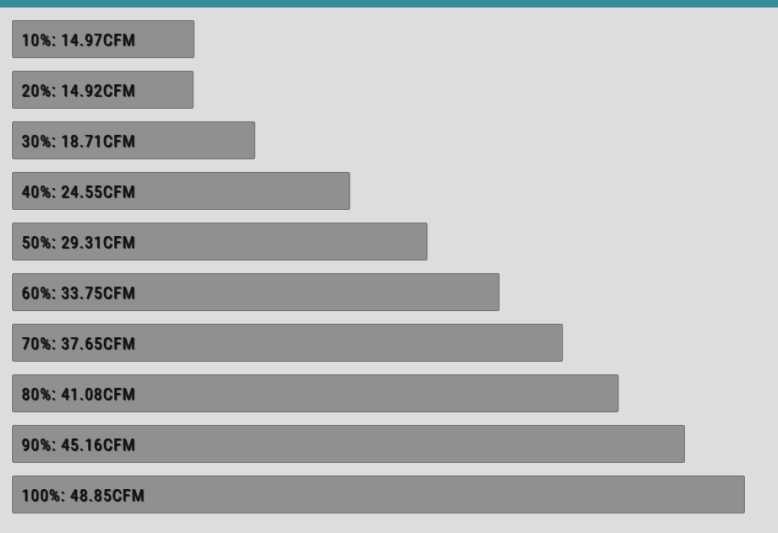


### CFM

Lian Li Lian Li UNI fan SL120 RGB



Higher is better



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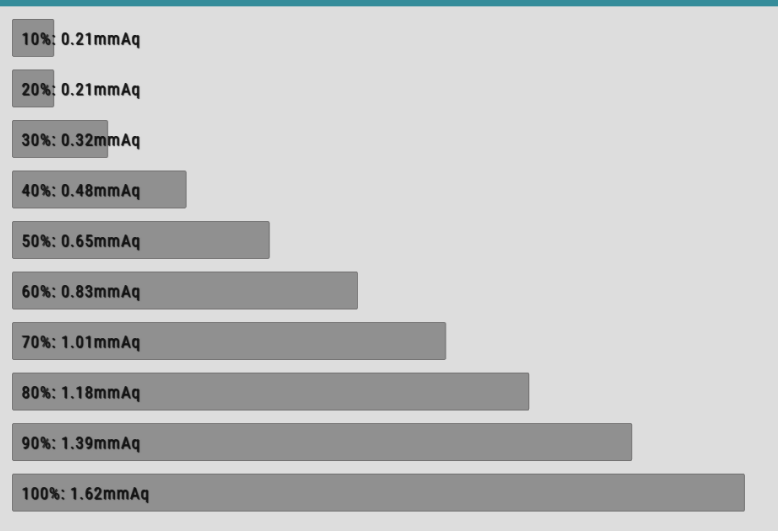
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#### Static Pressure

Lian Li Lian Li UNI fan SL120 RGB



Higher is better

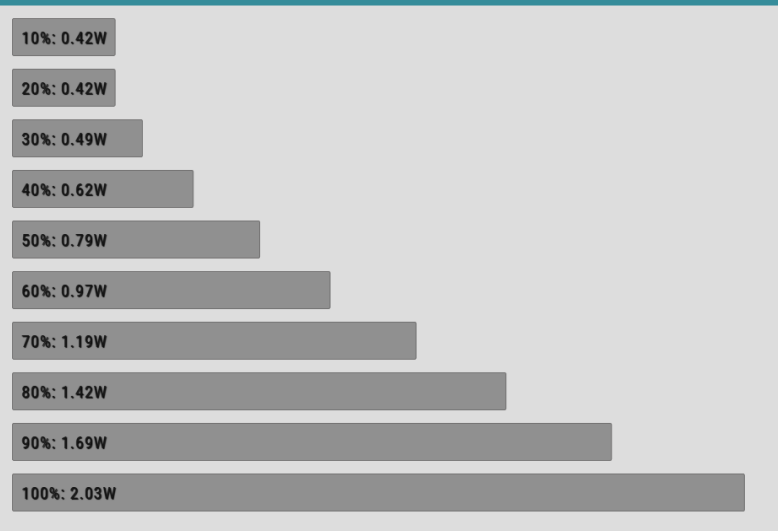


#### Power Consumption

Lian Li Lian Li UNI fan SL120 RGB

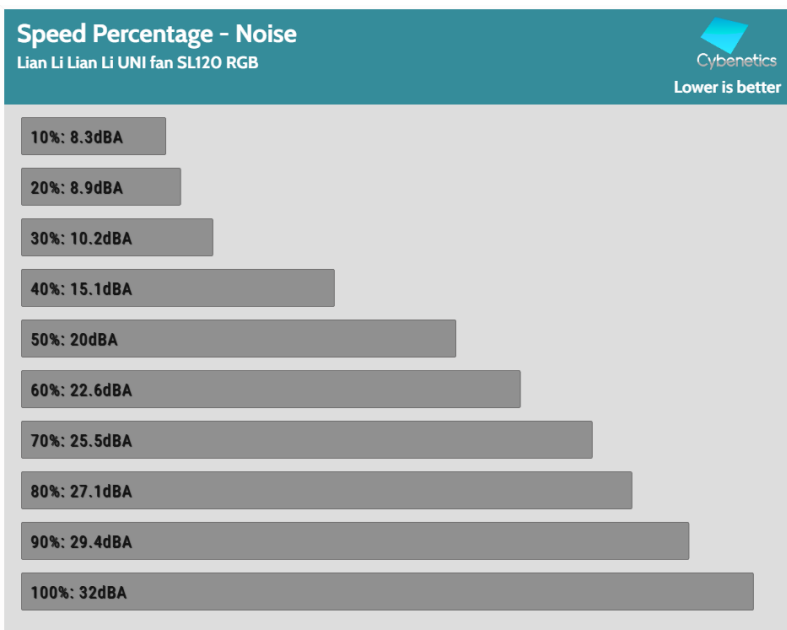
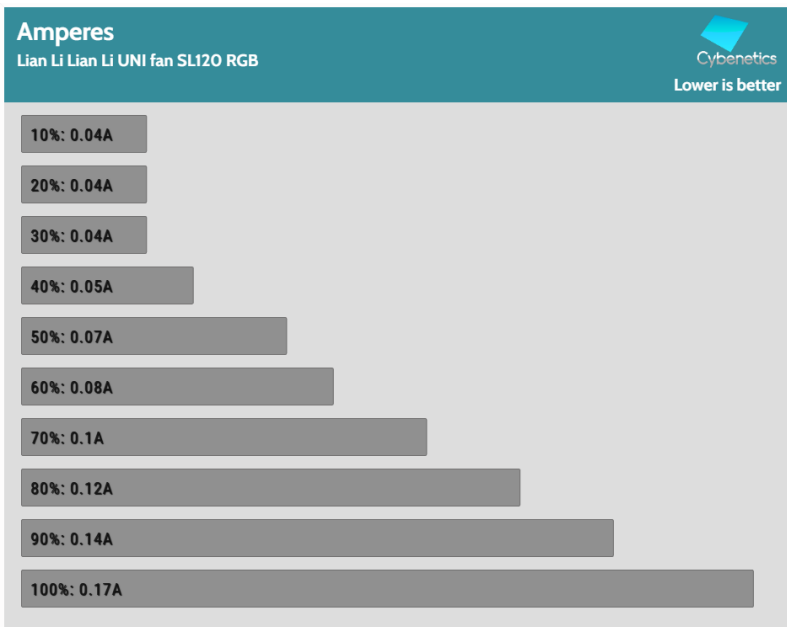


Lower is better



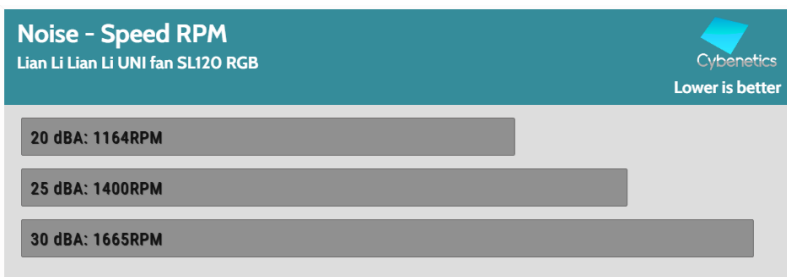
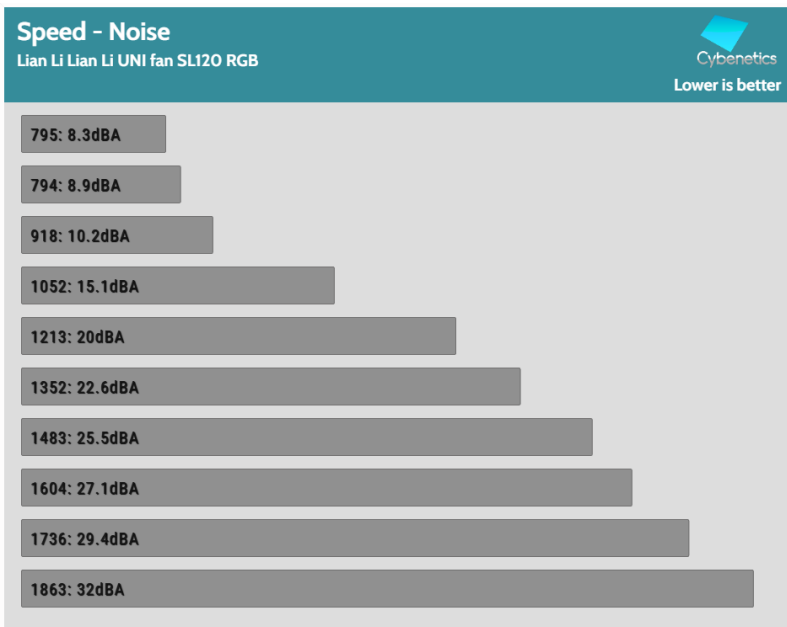
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