



Thermaltake TOUGHFAN 12 High Static Pressure Radiator Fan (Single Fan Pack)

\$24.99

Product Images



Short Description

Thermaltake TOUGHFAN PWM-controlled high static pressure fan features an optimized structure to maximize high-end cooling needs.

Description



ToughFan Series



Unparalleled Cooling Performance

The TOUGHFAN is a PWM controlled fan which is designed to perform at a maximum operating speed of up to 2000 RPM allowing unparalleled cooling performance.

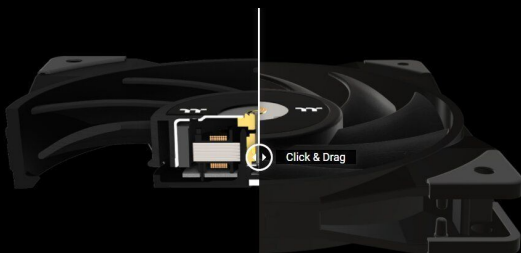
Exceptional Blade Design

Featuring high tensile strength and low thermal expansion coefficient materials, the fan blade is built with special liquid crystal polymer (LCP), a compound which minimizes vibration when the fan is operating at full speed.



Metal-Reinforced Motor Hub

The TOUGHFAN's center is constructed with a full steel motor hub providing enhanced stability and durability.



The 2nd Generation Hydraulic Bearing

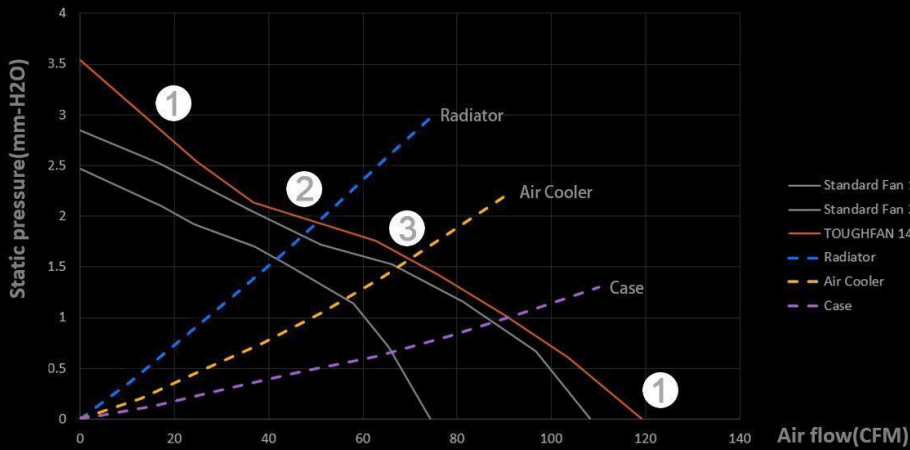
The 2nd generation hydraulic bearing incorporates a new shaft design with inside etches allowing preservation of lubricant on both sides whilst reducing noise during operation. Lowering audible levels and extending lifespan.



Built for Superior Cooling

The TOUGHFAN is designed for all cooling applications. It's your perfect go to solution whether you're using it as a radiator fan or on an air cooler. Level up with the TOUGHFAN for superior cooling performance.

P/Q Curves Comparison



*1. Designed for all air cooling applications. (119.1 CFM & 3.54 mm-H2O)

*2. Best for radiator fans. (With higher static pressure than other standard cooling fans)

*3. Best for air coolers. (With higher static pressure than other standard cooling fans)

Anti-Vibration Mounting System

The in-mold injection anti-vibration rubber pads dampen the vibration of the fan allowing the fan to spin at higher levels without compromising noise levels. The fan is designed with 80% coverage for all corners, maintaining low noise levels when in operation.



Specifications

More Information

	CL-F117-PL12BL-A
	120 x 120 x 25 mm
	9.0 V
	12 V
	0.34 A (Fan x1)
	4.08 W (Fan x1)
	PWM 500~2000 R.P.M With L.N.C PWM 500~1300 R.P.M
	3.54 mm-H2O
	119.1 CFM
	33.2 dB-A With L.N.C 25.2 dB-A
	Hydraulic Bearing Gen.2
	40,000 hrs,25°C
	4 PIN PWM
	240.7 g

Additional Information

Brand	Thermaltake
SKU	CL-F117-PL12BL-A
Weight	0.5000
Color	Black
Fan Dimensions	120mm
Fan Width	25mm
Fan Connection	4-Pin PWM
Fan Voltage	12 VDC
Fan RPM	2000
Fan CFM	120
Fan Noise (dB)	33

