F9 TC
Temperature Controlled Case Fan
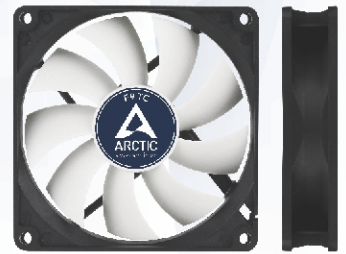
• 40 cm long temperature sensor for accurate fan speed control
• Extremely quiet
• High airflow and static pressure
• Low noise impeller
• Fluid dynamic bearing extends service life

F9 TC
Temperature Controlled Case Fan

The **F9 TC** case fans deliver efficient case cooling with automatic fan speed control using the temperature sensor. The fan speed is automatically adjusted according to the surrounding temperature–the hotter the area, the higher the fan speed and vice versa. The 40 cm long temperature sensor allows you to place it at the critical spot within the PC case to ensure reliable and accurate fan speed control.
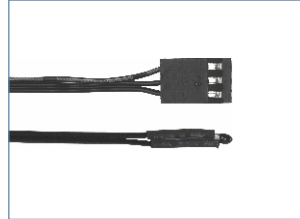
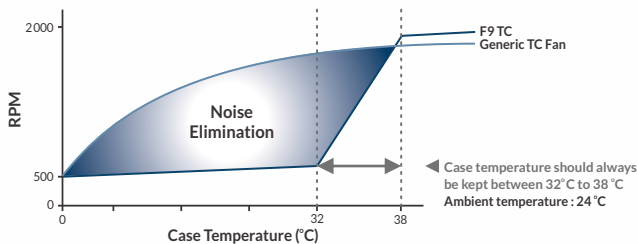| Specifications	
Fan	92 mm, 400–1 800 RPM
Airflow	43 CFM/73.1 m³/h
Bearing	Fluid Dynamic Bearing
Noise Level	0.4 Sone
Voltage/Current	0.16 A/12 V DC
Dimensions	92(L) x 92(W) x 25(H) mm
Weight	84 g

Airflow Directions

40 cm Temperature Sensor Cable

Noise Level and Cooling Performance
The programmed temperature controller is equipped with a high–quality Japanese temperature sensor, which measures the case temperature accurately to ensure minimum noise level and efficient cooling performance at the same time.

RPM

2000

500

0

0   32   38

Case Temperature (°C)

Noise Elimination

F9 TC
Generic TC Fan

◄ Case temperature should always be kept between 32°C to 38 °C
Ambient temperature : 24 °C

Fluid Dynamic Bearing

Impeller

Teflon Plate

Steel Shaft

Precision Bearing

■ Lubricant Capsule
■ Lubricant