



F Series

High Performance Case Fans

Main Features

- Extremely quiet with low noise impeller
- High airflow and static pressure
- Fluid dynamic bearing ensures extended lifespan



F Series

High Performance Case Fans

The **F Series** case fans are exceptionally quiet and cost effective solutions with efficient cooling performance. The patented low noise impeller maximizes the volume of airflow to offer optimal performance at relatively low fan speed.

Specifications:

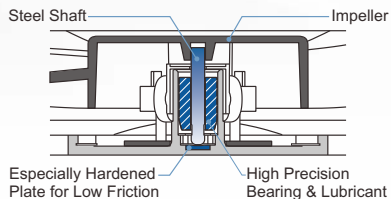
F8	
Dimensions	80 (L) x 80 (W) x 25 (H) mm
Fan	80 mm, 2,000 RPM
Bearing	Fluid Dynamic Bearing
Noise Level	0.3 Sone
Current / Voltage	0.16A / +12V DC
Weight	71 g

F9	
Dimensions	92 (L) x 92 (W) x 25 (H) mm
Fan	92 mm, 1,800 RPM
Bearing	Fluid Dynamic Bearing
Noise Level	0.4 Sone
Current / Voltage	0.16A / +12V DC
Weight	84 g

F12	
Dimensions	120 (L) x 120 (W) x 25 (H) mm
Fan	120 mm, 1,350 RPM
Bearing	Fluid Dynamic Bearing
Noise Level	0.3 Sone
Current / Voltage	0.25A / +12V DC
Weight	107 g



Fluid Dynamic Bearing



Airflow directions



3-pin plug