



CEN TEK  
MARINE

INSTALLATION & WIRING MANUAL

DELTA-T SYSTEMS

---

## Ignition Protected *DC Axial Fans*



# Delta-T Systems

## 9" DC Axial Fans



### CE Compliant Ignition Proof With Higher Flows To 737 CFM [20.8 M<sup>3</sup>/Min]

**Features** - CE Labeled with up to a 59% increase in airflow over the earlier types. Ignition proof construction, conforms to J1171, ISO 8846 and ISO 9097.

**Application** - Ideally suited for small vessel engine rooms and OEM applications where compact high flow ventilation systems are required. Excellent for today's high horsepower vessels, the 9" Axial Fan provides 2 to 3 times the air volume of small DC centrifugal marine blowers with lower electrical load requirements.

**Design & Construction** - The 9" Axial Ventilation Fan is specifically designed and built for the rigors of the marine environment – not adapted from other industries. With a flanged shroud made of glass filled nylon, this unit provides a nearly indestructible, compact fan with superior corrosion resistance. Extended wiring leads from the motor for simple quick electrical connections. By simply changing motor polarity, removing the hub/shaft clip and

**Motor** - A sealed DC direct drive motor provides quiet reliable service. Motors are totally enclosed (TEAO) double shielded ball bearing type with "O"- Ring Seals. Constructed with die cast aluminum end plates and tough black Teflon epoxy coating for superior corrosion resistance. Armatures are fitted with stainless steel shafts and are dynamically balanced for quiet, vibration free operation.

**Fan Hubs & Blades** - A 10-blade glass filled nylon hub with a pilot is secured directly to the motor shaft

**Finish** - Black glass filled nylon (housing, guard, & hub) with black Teflon epoxy coating (motor housing).

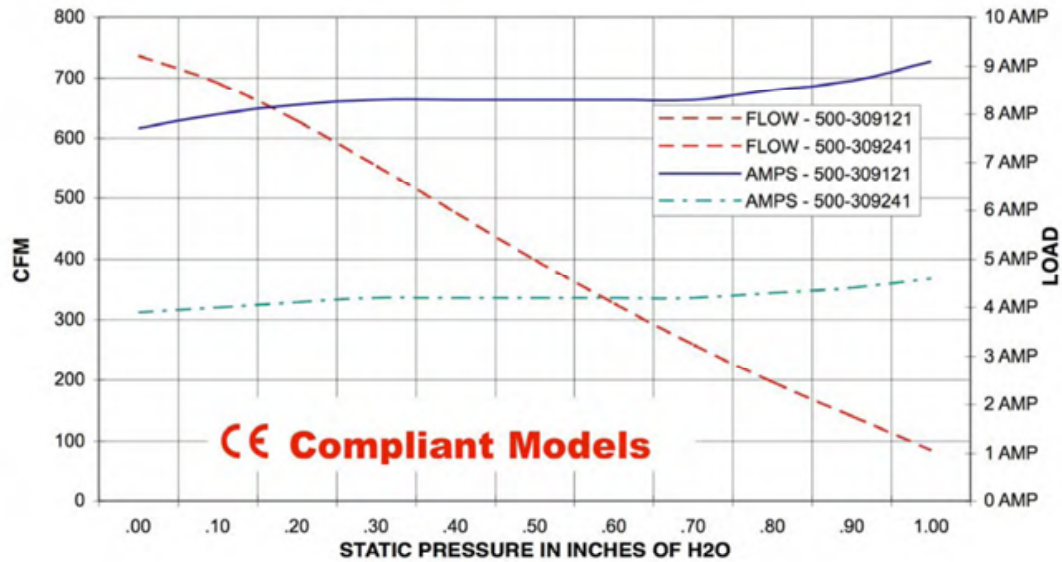
**Accessories** — 600-DCT2-24, two speed 24 Volt thermostatic fan speed control system.

- 12 Volt DC — Order Part No. 500-309121IP
- 24 Volt DC — Order Part No. 500-309241IP

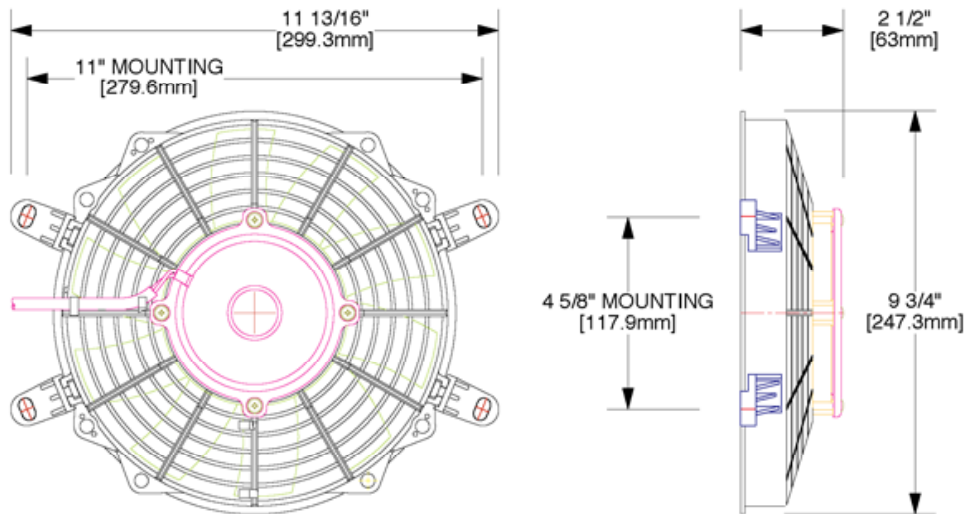
# Delta-T Systems

## 9" DC Axial Fan

### PERFORMANCE



### DIMENSION



### WIRING

RED = + (Positive VDC)  
BLACK = - (Negative VDC)



Stay Up To Date With All The *Latest Resources.*

---

[www.centekmarine.com/resources](http://www.centekmarine.com/resources)