



TF104, TF104-CRD, TF106, TF106-CRD, FAQ's

NEVER expose your Centrax® Centrifugal Fan to airflow temperatures exceeding 140°F (60°C). Make sure all electrical wiring conforms to all applicable codes and standards. If you are not familiar with electrical installations, consult a qualified electrician.

Q: How much power does a Centrax® Centrifugal Fan use?

A: TF104: 91 Running Watts
TF106: 140 Running Watts

Q: What type of motor is used in Centrax® Centrifugal Fans?

A: The electric motor is a Class B or better sealed, thermally protected, auto-reset, external rotor motor with ball bearing.

Q: Can I use a Centrax® Centrifugal Fan for dryer boosting?

A: Yes, Suncourt has a dryer boosting kits that include the fan, current switch and mounting hardware for the installation.
- [DRY04 CENTRAX® Dryer Boosting Kit](#)

Q: Can I use a Centrax® Centrifugal Fan to exhaust my garage?

A: Yes. It is perfectly acceptable to use our centrifugal fans to exhaust a garage and other outbuildings.

Q: Can I use a Centrax® Centrifugal Fan in a humid environment?

A: Yes, the Centrax® Fan utilizes a sealed motor that can withstand humid/damp environments. Please use the appropriate strain relief for your application.

Q: Can I use a rheostat or fan speed control with Centrax® Centrifugal Fans?

A: Suncourt has a variable speed controller available that is matched to the Centrax® line of fans.
- [VS100 Hardwire Variable Speed Fan Control](#)
- [VS200 Plug-in Variable Speed Fan Control](#)

Q: What does Thermally Protected mean?

A: A thermally protected motor contains a fuse that will cut off power to the motor should the motor temperature exceed a safe limit. Centrax® Centrifugal Fans contain an auto-resetting feature.

Q: What are the impellers made of?

A: Glass filled nylon with a flame rating of UL94VO.

Q: Can I build-in a Centrax®, i.e. drywall or panel over it?

A: No. The Centrax® must always remain accessible for service, cleaning or repair.

Q: Can I use the Centrax® to vent outside air?

A: Yes.

Q: What is the lowest airflow temperature for a Centrax®?

A: To maintain good oiling of the motor bearings, we recommend a minimum temperature of -30 °F (-34.4°C).

Q: What do I typically need for electrical installation?

A: Provided in the box is the hardware for mounting the Centrax® Centrifugal Fan. You will need to provide an appropriate strain-relief and the code-correct wire to bring power to the fan. You will also need a screwdriver, duct tape, drill, and pliers depending on your installation.

Q: Is the Centrax® safe?

A: The Centrax® fans have been rigorously tested to the Standards of Underwriters Laboratories Inc. and have an UL listing.

Q: Can I use a Centrax® Centrifugal Fan for Radon Mitigation?

A: Yes. We have created kits for ease of installation.

- [RDN04 Radon Mitigation Fan Kit](#)
- [RDN04-3 Radon Mitigation Fan Kit](#)