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OPERATION & INSTALLATION GUIDE

Garage Fan Air®

AIR EXTRACTOR & DEHUMIDIFIER SYSTEM



**MODEL
F80350**

Your system has been carefully packaged at the factory to prevent damage during shipping. However, occasional damage may occur due to rough handling.

Carefully inspect your unit for damages that could cause failures.

Report any damage to your carrier or your point of purchase.

Please read these instructions carefully. **Failure** to comply to instructions and **designed operation** of this system, may **void** the warranty.

**INSTALLATION GUIDE FOR THE BURCAM
Garage Fan Air
MODEL F80350**

SAFETY INSTRUCTIONS :

This fine product that you have just purchased is constructed from the highest quality materials and workmanship.

Before installation and operation, we recommend the following procedures :

A

CHECK WITH YOUR LOCAL ELECTRICAL AUTHORITY TO ENSURE YOU COMPLY WITH LOCAL ELECTRICAL REGULATIONS. THESE ELECTRICAL CODES HAVE BEEN DESIGNED FOR YOUR SAFETY. BE SURE TO COMPLY WITH THESE CODES.

B

WE RECOMMEND THAT A SEPARATE AND DEDICATED CIRCUIT BE PROVIDED FROM YOUR HOME ELECTRICAL DISTRIBUTION PANEL. IT SHOULD BE PROPERLY PROTECTED WITH EITHER A FUSE OR A CIRCUIT BREAKER. **A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) IS MANDATORY.** CONSULT A LICENSED ELECTRICIAN FOR ALL WIRING.

C

THE GROUND TERMINAL ON THE THREE PRONG PLUG SHOULD NEVER BE REMOVED. THEY ARE SUPPLIED AND DESIGNED FOR YOUR PROTECTION.

D

NEVER MAKE ADJUSTMENTS TO ANY ELECTRICAL APPLIANCE OR PRODUCT WITH THE POWER CONNECTED. BE SURE TO UNSCREW THE FUSE OR TRIP THE BREAKER TO THE OFF POSITION AND REMOVE THE POWER PLUG FROM THE RECEPTACLE. BEFORE PROCEEDING

Preparation

The necessary tools for the installation are :

- One electric reciprocal saw or one 4 1/4" diameter (110mm) hole saw or jigsaw;
- One electric drill with a 1/4" (6mm) pilot drill bit, 12 inches (30cm) in length or more.
- Measuring tape;
- Screwdrivers;
- Hammer;
- White weather seal caulking for around the outside vent.

INSTALLATION STEP BY STEP

Select the appropriate location for the "Garage Fan Air system".

STEP 1

The unit should be installed 12" above the floor area. Side mark the center area of the exhaust where you plan to install the unit. Then, drill a pilot hole, from the inside of the garage, through the wall with your 1/4" x 12" drill bit. Finally, by using your 4 1/4" hole saw, cut a hole through the wall from the outside.

STEP 2

From inside the garage, align the Garage Fan Air unit on the wall and mark the screw locations. Then, drill 1/4" holes and install anchors with your hammer.

STEP 3

Install the flex pipe over the exhaust which is located on the back of the unit and use the clamp to attach the flex pipe to the unit. Align the unit into the pre-drilled holes. Then, fasten the unit with screws and anchors supplied, to the inside wall.

STEP 4

Then, from the outside outlet, stretch the flex pipe and cut any excess length. Then, place the vent hood into the flex pipe. Secure same in the proper position with a clamp. Then, screw in the vent hood.

STEP 5

Install all screws in a diagonal pattern to eliminate twisters and breaking to ensure a proper fit around the siding. Then, use caulking to properly secure and seal the vent hood.

STEP 6

Test the unit. Job well done! If you need to contact our service department, you may do so at 1-800-361-1820.

OPERATING THE UNIT

Connect the unit to a grounded receptacle (*see safety instructions page 2*).

At the time of connecting, the two center led lights will illuminate during the starting process. After 15 - 20 second start-up cycle, you will be able to set the system according to your needs. At this time, the winter led light will remain on.

Based on the season, leave the setting under winter or push the summer button.



Low speed **Summer** **Winter** **High speed**

The seasonal setting are :

Summer:	Relative Humidity at	45%	or less	Low speed.
	Relative Humidity at	46%	or more	High speed.
Winter:	Relative Humidity at	55%	or less	Low speed.
	Relative Humidity at	56%	or more	High speed.

It is possible to override the seasonal settings. To keep the system at high speed, push the right side button. To keep the system at low speed, push the left side button. To cancel the override process, push the same button again.

Note: When you override the seasonal setting, the LED light of the overridden season remains on.

PART LIST

PARTS	DESCRIPTION
F10100	Circuit board.
F10000	Relative humidity sensor kit.
F01352	Fan and motor.
F01254	Evacuation pipe.
F01255	Louver vent hood
F01450	Garage Fan Air housing.