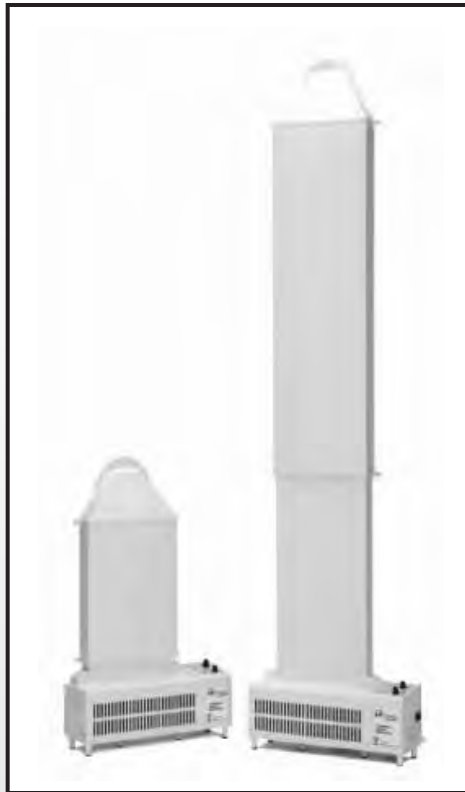




## Owner's Manual



Model #400

**Corporate Office:**

349 Highland Road East  
Macedonia, Ohio 44056

1.866.822.7328 [www.ezbreathe.com](http://www.ezbreathe.com)

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## WELCOME

**Congratulations,** you now own the most innovative ventilation system on the market. **EZ Breathe** is designed not only to lower humidity levels, but also to reduce moldy and musty odors. This ventilation appliance installed in the lowest level of a home/building is engineered to expel moisture-laden air that stagnated due to poor air circulation and to provide ventilation in lower levels, crawlspaces, apartments or any other areas in need of circulation. Cool, moist air will gravitate to the lowest point and without proper ventilation, create an environment where the damp air will stagnate and emit odors, nurture the development of molds, mildew and saturate into the structure, i.e. walls, floor, frame work, etc.

The **EZ Breathe** unit's quiet, powerful fan draws the moist surface air through the bottom vents and then expels it outside through a 6" duct. The humidistat control continuously monitors the relative humidity of the air flowing out. When the humidity drops to the desired level, programmed by you, the **EZ Breathe** unit will shut off, and then come back on again when humidity levels increase.

**“If the air is exhausted outside, do we lose any heat?”** The answer is no. Since the **EZ Breathe** system eliminates only the damp, cold air at the lowest level, the potential for losing heat is minimal. If we go on the principle that damp air is harder to heat than dry air, it's more economical to replace that damp air with dry air and then heat it. Once the **EZ Breathe** unit has exhausted damp air outside and replaced it with dry air from the upper levels of your home/building, it will shut off. The **EZ Breathe** unit will continue to monitor humidity levels automatically turning on and off according to your setting. Therefore, it exhausts the cool damp air while the warm dry air is retained.

# TECHNICAL DATA

## Model #400

### Base Dimensions:

Height: 8 inches (20.32 cm)

Width: 20 inches (50.8 cm)

Depth: 6 inches (15.24 cm)

Weight: 16 lbs. (7.3 kg)

Service area/unit: 7000 sq. ft.

Air flow: 176 CFM's

Noise level: 35 db

Amperage: 0.30 amps

Voltage: 110 volts

Tube axle fan, 1 phase

Energy consumption: 31 watts

CSA Certification: File No. LR52898

UL Certification: File No. E245128

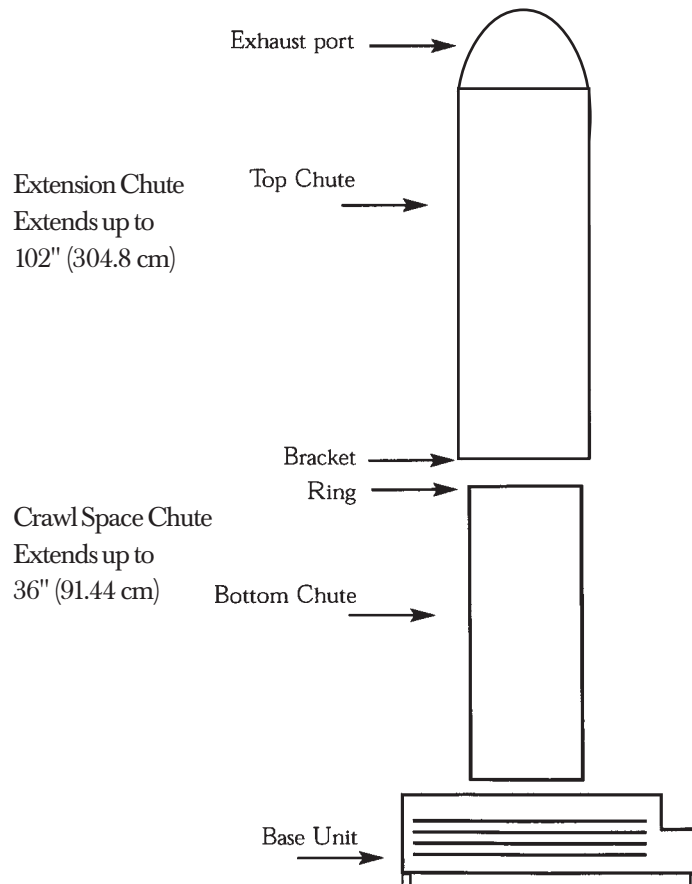
### Chute Dimensions:

Height: Extends up

To 87" tall (220.98 cm)

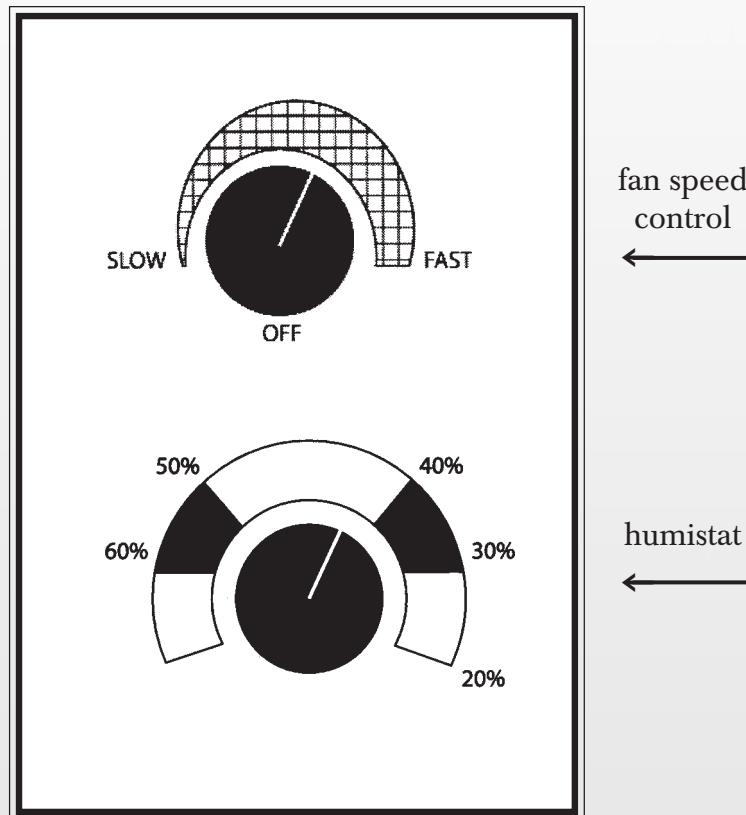
Width: 12 inches (30.48 cm)

Depth: 2.5 inches (6.35 cm)



## CONTROL PANEL

The knob on the top is your **fan speed control** while the knob on the bottom is the **humidistat** which controls the household relative humidity.



## THE HUMIDISTAT SETTINGS

This component continuously monitors the humidity level of the air being expelled through the **EZ Breathe** unit. You can set this control to maintain the desirable level of humidity in your home/building.

FOR BEST RESULTS...

**Set the humidistat between 35% - 45% all year round.**

Please note...Even though the ideal setting would be 35% - 45% all year round, these levels of humidity, due to environmental conditions, may not be obtainable. When the desired level of humidity has been achieved, the **EZ Breathe** unit will automatically turn off, and then on again as humidity level increases.

The **EZ Breathe** will run continuously until desired level has been reached. Don't worry; the unit has been designed to perform under these conditions. During winter/cooler periods when the furnace is often running, the unit may shut off due to the humidistat reaching the desired level. During these periods, you can set the humidistat to it's lowest setting and turn the fan to low. This will cause the unit to run on low continuously, providing ventilation for the space without exhausting heated air.

## FAN SPEED CONTROL

**FAN SPEED CONTROL:** The rate at which you expel the damp air outside is adjustable with the help of this control. When the humidity level is lower than the setting on the humidistat, the unit will shut off. To ensure non-stop ventilation, see the setting for the Ventilation Only mode below.

FOR BEST RESULTS...

In the summer, set the speed control to **med – high**

In the winter, set the speed control to **med – low**

FOR VENTILATION ONLY:

Set the humidistat to **20%**

Set the fan speed between **low – med**

## HELPFUL TIPS

- Keep storage at least 3' – 4' from the unit to allow free air flow.
- Basement/lower level windows should be kept closed and doors between basement/lower level rooms open.
- Keep fruit or wine cellar doors closed.
- Once every month inspect:
  - **Intake vents**
  - **Exterior vent**to make sure they are free from dust, lint, dirt, etc. in order to ensure proper functionality of the humidistat.
- Make sure not to obstruct the intake vent at the bottom of the unit or the replacement air vent from upstairs. This will ensure maximum removal of indoor air pollution.
- Like any appliance that evacuates air outside the building envelope (such as an **EZ Breathe** unit, range hood, bathroom fan, clothes dryer, etc.) a negative pressure is created inside the building. As the pressure inside the building gets lower than the barometric pressure outside, there is a remote chance that some exhaust fumes may be drawn in. This is usually not a problem when the following guidelines are adhered to:
  - **EZ Breathe** is installed on exterior wall of the lowest level.
  - **EZ Breathe** unit is installed at least 8-10 feet from any combination device.
  - Maximize the distance between the **EZ Breathe** unit and the source of replacement air (stairwell, vent, etc.)

## HELPFUL TIPS, cont.

- The **EZ Breathe** appliance pulls cool, damp air from the lowest level basement or crawlspace and expels it outside, replacing that air from upstairs. The **EZ Breathe** system works most effectively when the air from upstairs is dry. The air from upstairs is drier when your furnace or air conditioner is running and, therefore, the basement/lower level becomes drier.
- During times when our customers are neither heating, nor air conditioning their homes, about 10% of our customers may need to run a dehumidifier in conjunction with the **EZ Breathe**. This is because the **EZ Breathe** relies on a source of air that is below 50% humidity. When you aren't air conditioning or heating, your upstairs humidity may not be in the target range. Even in these times, **EZ Breathe** is still providing the benefits of removing odors, smoke, allergens, mold gases, dust, and radon. The best approach is to maintain your upstairs below 50% relative humidity, then **EZ Breathe** can do its job.
- Every 6 months to a year it is recommended to use a compressed air can to clean the inside of the base unit to get any dust or debris out of the unit. This will prevent any vibrations caused by buildup.

## REFERRAL PROGRAM

We offer gift certificates and/or cash gifts to every **EZ Breathe** unit sold from a referral. Simply refer your neighbors, friends and family to [www.ezbreathe.com](http://www.ezbreathe.com) or 1.866.822.7328. Tell them to mention your name and when they purchase an **EZ Breathe** unit, you will receive a token of our appreciation. For more information on our customer referral program please call 1.866.822.7328.

## LETTER SWEEPSTAKES

Can you write “The Best” letter? Enter our monthly drawing by writing a letter about how easy your **EZ Breathe** use was to install and don’t forget to mention the benefits you have noticed since its installation. If we vote your letter the month’s “Best” you will **win a \$50 gift certificate to Home Depot** or retailer of your choice.

Please send your letter to:

**EZ Breathe Sweepstakes**  
**349 East Highland**  
**Macedonia, OH 44056**

## OUR EZ BREATHE PERFORMANCE GUARANTEE

**Warranty and Guarantee are only valid for units sold and installed by authorized distributors and installers.**

We are certain that you will be delighted with your EZ Breathe ventilation system and so we offer the best guarantee and warranty in the industry. The EZ Breathe ventilation system comes with a full performance guarantee, which allows you to obtain a refund for the purchase price of the unit(s) after one (1) year of operation from the date of purchase. As it may take a significant amount of time to reduce the moisture content of various building materials (i.e. concrete, cinder block drywall, etc.), furniture, etc. in the area serviced by your EZ Breathe unit, this system must be allowed to operate through a complete seasonal cycle of twelve (12) months to fully benefit from the effectiveness of ventilation. Acceptable airflow and air quality (i.e. under 50% relative humidity) requirements of the replacement air must be established and maintained for the unit to assist in reducing humidity and air pollutants, and it is the homeowner's responsibility to do so. If your EZ Breathe ventilation system is not reducing moisture problems after installation, please call or email our service department at 1-866-822-7328 or [service@ezbreathe.com](mailto:service@ezbreathe.com) to verify that your system is being used in a manner that permits it to operate at maximum efficiency and for any suggested remedial actions to reduce moisture problems. It is the homeowner's responsibility to comply with these suggested remedial actions (i.e. provide adequate replacement air under 50% relative humidity, eliminate water intrusion, install vapor barrier, etc.) by our EZ Breathe technician. Failure to comply will result in nullification of this Performance Guarantee and EZ Breathe Warranty. Notification of any problems must be made within the first six (6) months after installation of the unit to the EZ Breathe distributor and/or the manufacturer of the problems. This is to allow for enough time for the remedial actions to have an effect. If the indoor moisture problems do not improve, the service department will issue a call tag for the return of the unit. Package the system per specifications, and return with proof of purchase. Upon receipt of EZ Breathe unit, a refund will be issued. Our performance guarantee is limited to the purchase price paid for the system, but not for any consequential, incidental or any other damages connected therewith. All other charges (i.e. transportation, labor, repair and maintenance to building) are excluded. If the system is returned prior to installation for reasons that are not the fault of the homeowner (i.e. inability to install the system due to house construction) a full refund will be sent to the homeowner. No refund will be issued if the system is not returned within 30 days. If the system is returned after contacting the service department and all remedial measures taken did not produce satisfactory moisture reduction, and the system is returned prior to 12 months, a 15% (of the purchase price) restocking fee plus a freight and handling charge each way, will be deducted from the refund. The performance guarantee is restricted as above and is not applicable to any warranty, which is covered separately under the company's warranty included with the system.

**Important Notice: In order to be eligible for the One Year Performance Guarantee customers must send the installation completion certificate signed by the installer, along with the completed warranty card. Customers should make and retain copies of all paperwork for their records.**



## 10 Year Warranty

Date of Purchase \_\_\_\_\_

Serial # \_\_\_\_\_

During the 10-year warranty period, the manufacturer will replace, free of charge, any parts (except outside vent) which proves defective in manufacturing or in material and/or workmanship, when the EZ Breathe unit is installed under normal conditions. Replacement parts can be obtained from your original system installer. This warranty is limited to defective parts replacement only. Any incidental or consequential damages connected therewith are specifically excluded. Any damage to this unit as a result of misuse, abuse, neglect, an accident, un-installation, fire, water or floods will void this warranty. This warranty is in lieu of all other warranties or conditions whether express or implied including but not limited to those of merchantability or fitness for purpose and shall constitute the sole remedy of the purchaser and the sole liability of the manufacturer in respect of the sale of the product. (Acceptable air-flow requirements must be maintained for the unit to assist in reducing humidity and air pollutants, and it is the owners responsibility to do so.)

• *Please Note: There is a 15% (of purchase price) restocking fee on any return. EZ Breathe is not responsible for returning the home/building to its original pre-installation state once the system is uninstalled. eg. construction holes, venting, cut outs, re-paint. etc.*

