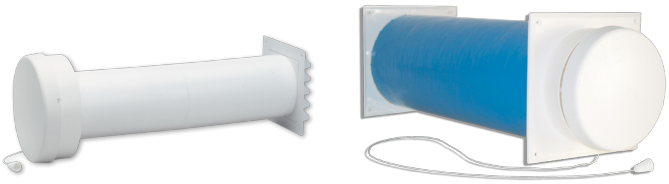
Provide Continuous Airflow into Buidlings or Homes.

Fresh 80/100

Air Supply Vent



FRESH 80/100 IS DRAFT FREE

Many ventilation systems bring in unwanted drafts when in use. When this occurs, it is natural to close off the ventilator to keep the drafts out. But experience shows that the air in a room becomes stuffy and unhealthy without adequate fresh air ventilation. Condensation can form on the window panes; and mold can become a problem in tightly constructed, energy efficient homes. For this reason, it is necessary that fresh air ventilation is supplied to your home without causing drafts.

EASY INSTALLATION

The FRESH 80 is easily installed into an approximately 3 3/8" diameter circular opening. This opening can be made using a standard 3 1/4" hole saw. The FRESH 100 is installed into an approximately 4 1/8" diameter circular opening.

FRESH 80/100s come complete with interior, exterior, and in-wall mounting sections, and easily fits wall thicknesses of 4" – 8" in its standard form. An adjusted FRESH 80/100 can be supplied to fit wall thicknesses in excess of 8".

DUST AND INSECT FILTER

A fresh air ventilator needs to have a filter to clean the incoming air. FRESH 80/100 has a filter which is easy to remove from the inside and which acts as a combined dust and insect filter. With a simple push-and-turn movement the ventilator disc can be removed and the filter easily reached for cleaning with ordinary detergents. When the filter is removed, the whole duct can be inspected and cleaned as necessary.

SEPARATE AIR FLOW CALIBRATION AND OPENING-SHUTTING FUNCTION

FRESH 80/100 is equipped with a separate adjustment of the air flow which is not affected when opening or closing the ventilator. In this way, one action will not interfere with the setting of the other. A screw for adjusting the air flow calibration is concealed beneath the outer cap of the ventilator disc (see diagram). The ventilator itself can be opened and shut simply by pulling the operating cord.

PROTECTED FROM CONDENSATION

When most ventilator discs come in contact with cold air, there is a risk of condensation forming. For this reason, FRESH 80/100s are made of plastic, which is far less condensation prone than metal. But we didn't stop there – FRESH 80/100s also have extra insulation on the ventilator disc. This extra insulation not only prevents condensation but also helps to keep out unwanted noise.

ADAPTED FOR USE BY THE HANDICAPPED

FRESH 80/100 can be used from a wheelchair or bed by using the supplied operating cord. The operating cord can be lengthened, thus making it possible to open and shut the ventilator from a fair distance away. If a lengthened cord is required, a 9.8 ft cord can be supplied from the factory. The standard cord length is 3.3 ft.

MAINTENANCE -- PROTECTED

Moving parts exposed to dust and dirt need continuous maintenance to be kept in good condition. FRESH ventilators have all moving parts covered to reduce maintenance and lengthen the working life of the ventilator.

CAPACITY

FRESH ventilators are designed to cope with the fresh air needs of a room up to 270 square feet. An air flow which is too strong through a ventilator causes drafts. Therefore, it is better to provide a larger room with several ventilators.

SOUND REDUCTION

FRESH 80 standard design provides sound reduction sufficient for normal living conditions. The fresh air ventilator provides sound absorption of 25 dB (IA value) when fully open.

- **Easy open/close mechanism**
- **Condensation protected**
- **Several filter-alternatives**
- **Adjustable distribution pattern**
- **Complete range of accessories**

Ultra·Aire™

WHOLE HOUSE VENTILATING DEHUMIDIFIERS

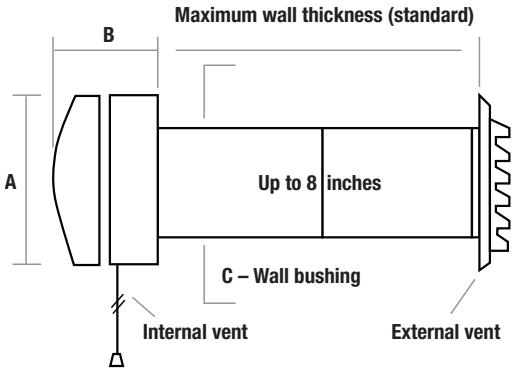
DIMENSIONS

Extension tubes: Extension tubes can be supplied for extra thick walls. The middle section can be replaced by a longer tube.

Material: FRESH 80/100s are made of a plastic that has been selected to give the best possible performance and quality.
Visible parts have a matte surface which can be painted with a water-based paint.

Fresh 80	
Dimensions in inches	
A	5 7/16"
B	2 3/16"
C	3 1/4"
Hole Size	3 3/8"

Fresh 100	
Dimensions in inches	
A	7 1/4"
B	2 1/4"
C	4"
Hole Size	4 1/8"



Part #	Description
4018819	Fresh 80 Inlet
4019184	6" extension tube
4021131	Fresh 100 Inlet
4021126	6" extension tube

INSTALLATION

Step 1. Drill Wall Opening
Fresh 80 — 3 3/8"
Fresh 100 — 4 1/8"

Step 2 .Shortening/Extending
Cut the middle tube to the required length. The ventilator can be adapted to fit wall up toe 9 1/2/" thick. Extension tubes are available for thicker walls.

Step 3. Dismantling of Ventilator Cap and Filter
Set the ventilator in the open position. Press in the ventilator disc and turn it counter-clockwise. Remove the ventilator disc. Pull out the filter holder — the filter is now loosened.

Step 4. Securing
Install the interior and exterior with screws. Extra sealing between the interior ventilator and the wall can be applied with a small amount of gap sealer.

Step 5. Adjusting the Air Flow
Take off the outer mantle of the ventilator disc by pulling at its rim. The ventilator opening is infinitely variable up to 0.4". Over 0.4", the equivalent minimum opening in the closed position will be obtained.

Step 6. Adapting fo the Handicapped
Attach the operating cord to the interior ventilator. Venetian blind cords or similar can be used to extend the standard operating cord.

Fresh 80/100 Air Flow Capacity