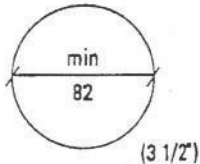


# Fresh® 80/80-dB

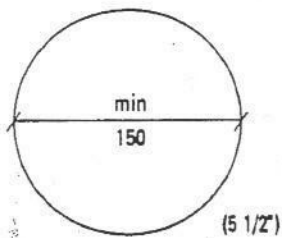
## Installation

The figures show FRESH 80

### Hole Making FRESH 80



### FRESH 80-dB



Note: Seal round tubes through wall.

Figure 1

### Shortening FRESH 80

Cut middle tube to required length. The ventilator can be adapted to walls up to 360 mms thick. Extension tubes are available for thicker walls.

### FRESH 80-dB

The telescope tubing of the sound insulator is adaptable to wall thickness. The noise reducing material can be cut to the desired length. Longer sound insulation can be made to order.

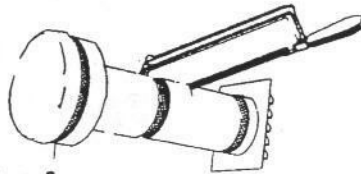


Figure 2

### Dismantling of ventilator cap and filter.

Set the ventilator in the open position. Press in the ventilator disc and turn counter-clockwise. Pull out the ventilator disc. Pull out the filter holder. The filter is now loosened.

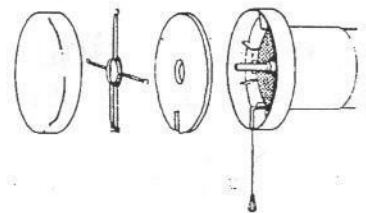


Figure 3

### Fixing inside and outside.

Install with screws. Extra sealing between inside ventilator and wall can be done with small gap sealer.

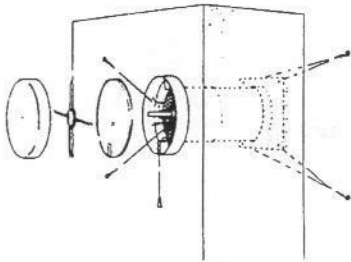


Figure 4

### Adjusting or airflow.

Take off the outer mantle of ventilator disc by pulling at its rim. The ventilator opening is infinitely variable up to 10 mm. Over 10 mm the equivalent minimum opening in closed position will be obtained.

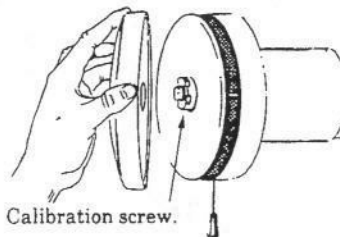


Figure 5

### Installation for use by the handicapped.

Venetian blind cords or similar can be used to extend standard ventilator cord.

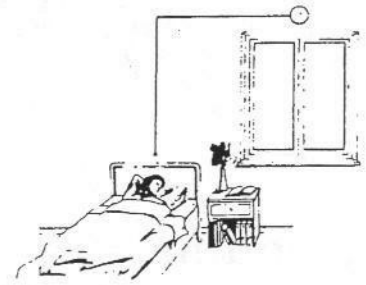
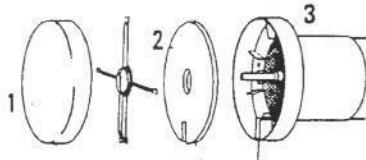


Figure 6

## Maintenance



FRESH 80/80-dB is provided with a filter which should be washed once or twice a year in warm soapy water.

1. The ventilator should be in the open position. Press the ventilator cap (1) and turn it to the right. Pull out.
2. Pull out the filter holder (2)—the filter is now loosened. Wash the filter, dry it and put it back in place.
3. Press filter holder (2) into place. NOTE: The 2 "legs" of the filter holder must be turned downwards with one leg on each side of the cord.
4. Replace the ventilator cap, press in and turn to the left.

## Maintenance – Protected

Moving parts exposed to dust and dirt need continuous maintenance to be kept in good condition.

FRESH 80 has all moving parts covered to reduce maintenance and lengthen the working life of the ventilator.

## Capacity

FRESH 80 is designed to cope with the fresh-air needs of a room of maximum 25 square metres. Too strong an airflow through a ventilator causes draught. It is therefore better to provide a room with several ventilators.

## Pollen filter

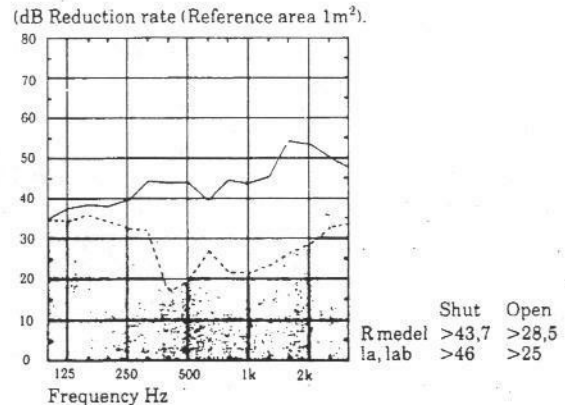
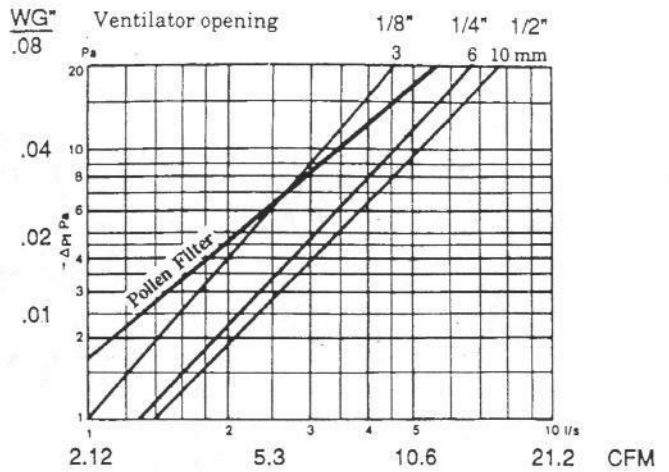
FRESH 80 can also be ordered with a special filter for those who are allergic or otherwise sensitive. This filter is more dense which means that the capacity of the ventilator is reduced. This must be compensated for by installing a larger number of ventilators in the building.

Capacity is marked with a blue line on the adjoining diagram.

## Sound reduction

FRESH 80 standard design provides sound reduction sufficient for normal living conditions.

The fresh air ventilator provides sound absorption of 25 dB ( $I_A$  value) when fully open.



## Dimensions

### Cover-plates

In older buildings there are often old ventilator fittings which need to be replaced by FRESH 80. By providing FRESH 80 with a cover-plate the old ventilation ducts can be used in most cases while at the same time the existing built-in fittings are covered. The cover-plates can be used both inside and out and are easily fitted to the ventilator with the screws provided. It is often suitable to allow the existing grill on the outside wall to remain and only use cover-plates on the inside.

Cover-plates are available in sizes 165×165 and 210×210.

### Embedding tubes

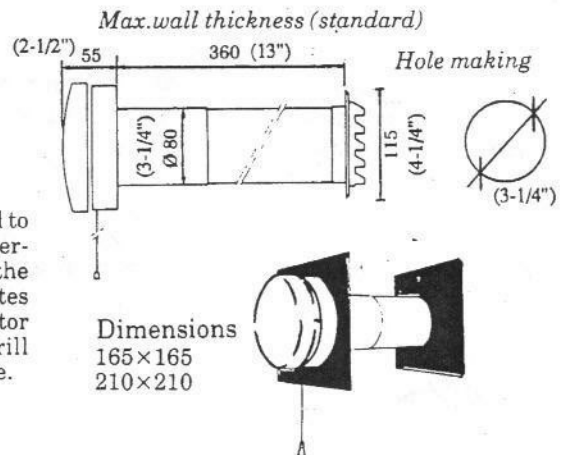
Tubes for embedding can be supplied to order. Standard length 380 mm.

### Extension tubes

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

## Material

FRESH 80 is made of plastic. The types of plastic used are selected to give the best possible performance and quality. Visible parts have a matt surface which can be painted with a water-based paint. The internal and external caps are available in white, brown or special colours to order.



Length	Max. wall thickness
380	380

Length	Max. wall thickness
270 (standard)	360
370	460
750	840