

# OWNER'S MANUAL

## EPURAIR VRC-95

HEAT RECOVERY VENTILATOR



# READ AND SAVE THESE INSTRUCTIONS

## SAFETY PRECAUTIONS

**WARNING:** TO REDUCE THE RISK OF FIRE,  
ELECTRIC SHOCK, OR INJURY TO PERSONS,  
OBSERVE THE FOLLOWING:



- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Unplug the unit before servicing, cleaning, installing or replacing filters.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Do not damage, pull, twist, bend or place heavy objects on cord.
- Never handle the electrical cord with wet hands.
- Do not alter the plug in any way.
- Do not use with extension cords.
- Never tug on the electrical cord to unplug the unit from the outlet.
- Do not place fingers or foreign objects into the airflow openings of the unit.
- Operate the unit in a well-ventilated area.
- Do not operate the unit outdoors.
- Do not operate near flammable gases.
- Do not operate the unit in humid or wet places such as a bathroom.
- Do not use chemical sprays near the unit, they will accumulate on the filter and potentially cause harmful fumes.
- Do not operate the unit in an area with high oil content, such as mechanical oil or cooking oil, over time it will deteriorate the filter.
- Make sure all filters are correctly installed before running the unit.
- This is not a toy and is not intended for use by children.  
For adult use only.

**WARNING:** TO REDUCE THE RISK OF FIRE  
OR ELECTRIC SHOCK,  
DO NOT USE THIS FAN WITH  
ANY SOLID-STATE SPEED CONTROL DEVICE.



*Congratulations on your purchase of an Epurair Heat Recovery Ventilator (HRV). It is a ventilation system of very high quality.*

*By following the next cleaning tips, your Epurair System will improve the quality of the air in your home for years to come.*

## **THE QUALITY OF THE AIR IN HOMES TODAY.**

Homes today are built to be as energy efficient as possible. To prevent heat loss, newer homes are more airtight. This reduces the cost to heat a house but also has harmful effects. Therefore, the air quality is decreased by humidity, dust, and other chemical pollutants inside the house.

To increase your air quality you should eliminate the followings in your house :

**1- The dust.**

**2- Humidity.**

**3- Chemical pollutants and odors.**

The Epurair system has been specifically made to eliminate these pollutants.

- The humidity is evacuated by the exit on the outside of the unit.
- The chemical pollutants and odors are eliminated by the ventilation system and continued fresh air intake.

## OPERATION

The Epurair has been designed for continuous 24 hours a day ventilation.

Your system has been installed with a remote humidistat control. This should be set in the green zone between 35% and 45% at all times.

An indoor relative humidity too high during the heating season can cause condensation at the windows. To prevent condensation on interior surfaces of windows, it is essential that the relative humidity is controlled based on outside temperature.

**Control dial (optional)**



**Optional timer**



An optional timer can be installed in a bathroom. Use this timer to increase ventilation for 15, 30 or 45 minutes

The following table gives an indication of the maximum relative humidity to be maintained for an internal temperature of 22 ° C (medium quality windows) to avoid condensation.

OUTDOOR TEMPERATURE	MAXIMUM RELATIVE HUMIDITY
-5 °C	45 %
-10 °C	40 %
-15 °C	35 %
-20 °C	30 %
-25 °C	25 %
-30 °C	20 %

If your home environment needs an increase in ventilation because of smokers, odors, visitors, turn the control dial to the **ON** position for a few hours.

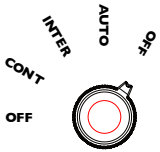
## ANNUAL MAINTENANCE KIT

The kit for your annual VRC-95 contains everything you need to maintain your equipment for one year. To order the kit annually, contact your installer or contact our customer service at **1 800-205-1108** to know the supplier nearest you.

## VENTILATION MODES

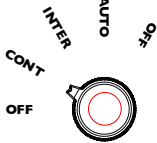
The VRC-95 can accommodate different sizes of house. The unit has been set on the ideal position, although your house may need adjustments of ventilation. A very humid house may need more ventilation, so you can adjust the unit by turning the buttons outside the VRC-95 as follow.

**Blue Top button** controls ventilation mode



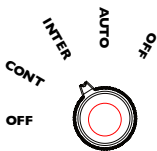
### OFF

Used when you need to close machine completely. (For cleaning)



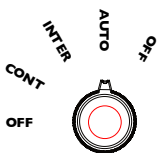
### CONT

Functions on low speed, if humidity level is too high, unit will increase to high speed automatically.



### INTER

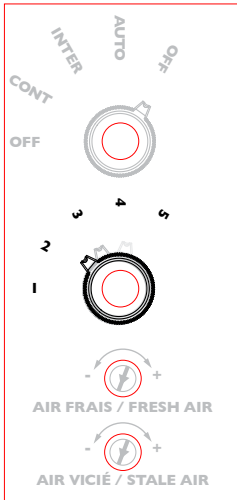
Unit is on low speed varying, 15 minutes on and 45 minutes off. If humidity level is high speed.



### AUTO

Unit is on standby; if humidity level is normal, unit will stop. If humidity level is high unit will go on high speed.

The **bottom blue button** controls fresh air quantity **1 2 3 4 5**



The installer has programmed the unit according to your house needs. The numbers 1, 2, 3, 4, 5, represent the number of rooms in your house. Fresh air requirements depends on number of occupants. If you do not use all the rooms in your house, or you want to decrease the fresh air quantity, set the button on a lower number and higher if more fresh air is needed.



The small beige buttons Fresh Air and Stale Air should not be moved. They were set by the installer. If by accident they are changed, please contact our customer service at **1 800 205-1108**.

## FILTER CHANGE

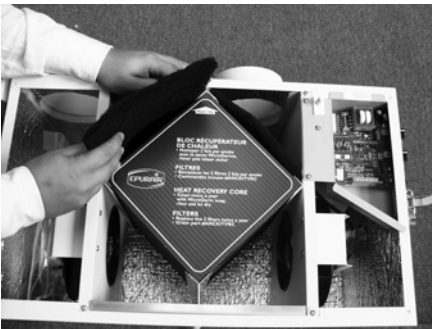
Replacing filters and cleaning heat recovery core.

Replacement filters are available from your local dealer. For your convenience, an annual HRV filter kit (EPURAIR ANCKITVRC) contains everything you need.

Your Epurair is equipped with 2 filters to protect the heat recovery core and eliminates odors. It is recommended to replace these filters every 6 months and to keep your heat recovery core clean. A dirty core would decrease the heat recovery.

### Carbon filter

A carbon filter absorbs the odors from the outside. They can be replaced more often if odors are strong.



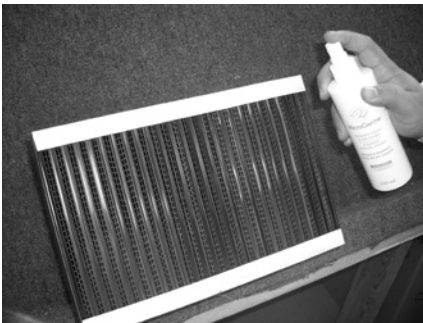
Lift and pull out the filter to be replaced.

## CLEANING THE HEAT RECOVERY CORE

After removing the carbon and particle filters, slice out the heat recovery core.



It may be difficult to slide out the heat recovery core, hold tight and pull.



Use MicroGerme sanitizing cleanser included in your filtre kit.

Spray every channel and let stand 10 minutes. Rinse with hot water.

Let dry before replacing in the ventilator.



Reinsert the core with the sides having no plastic edging positioned on the bottom.

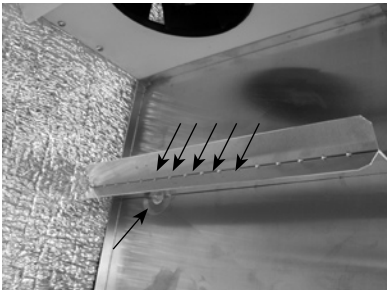
**This corner has no plastic edging**

## IMPORTANT

Your HRV is equipped with a drain line connection to remove condensation from the heat recovery core. It is important to verify this drain once a year to insure that it is not obstructed in any manner if the drain line is blocked, an overflow in the drain pan will occur.

Using warm water and soap, rinse the pipe.

At the same time, it is recommended to clean the inside of your unit.



Check that the holes in the support for the heat recovery core are not blocked..



The drain line is located below the ventilator. A loop in the line serves as an odour trap.

## **SMOKE ALARM**

### **(Option)**

Your Epurair HRV can be equipped with an optional smoke detector. The smoke detector should be installed at the highest point in your house. If the smoke detector comes on, the Epurair system should automatically shut off so that no fresh air comes in to increase fire or smoke and therefore giving you more time to evacuate.

### **In case of a false alarm**

When the smoke detector is stopped, your Epurair system will start ventilating your home again. This feature is practical when cooking smoke is detected. When the alarm is stopped (by ventilating air in it) your system will evacuate the odors.

### **Linking your system to a central alarm central**

You can connect your system to a central alarm wich will contact the fire department.. Ask you alarm technician to contact our technical department at :

**450 464-6416** or **1 800 205-1108** (Quebec & Ontario)

## SPECIFICATIONS

<b>Dimensions:</b>	(L x W x H) 24" x 13,5" x 14,5" (61 cm x 34,3 cm x 36,8 cm)
<b>Air exchange:</b>	<b>Up to 150 cfm</b>
<b>Material:</b>	24 gauge anti rust satin coated metal
<b>Finish:</b>	Baked on powder paint
<b>Consumption électrique :</b>	<b>120 watts</b>
<b>Motor:</b>	Thermally protected - Class B insulated motor run tested for 50000 hours
<b>Service:</b>	120 V, 60 HZ
<b>Classification:</b>	<b>CSA approved residential heat recovery ventilator</b>
<b>Control:</b>	Dehumidistat wall Smoke detector is ULc approved timer bathroom (15, 30, 45 minutes)

## LIMITED GUARANTEE

The motor inside the Epurair unit is guaranteed to the original purchaser for a duration of FIVE (5) years from the date of purchase. The HEPA filter is guaranteed for TWO (2) years and all other components with the exception of the filters that are guaranteed for ONE (1) year. Epurair will repair or replace at its choice the component(s) which upon inspection by an authorized Epurair dealer proves to have failed in normal use due to defects in material or workmanship. Epurair will at its discretion, replace the unit if necessary. The Warranty is void if any attempts have been made by unauthorized personnel to service or modify the unit as well as operating the unit at voltages other than that specified on the unit.

THE CUSTOMER IS RESPONSIBLE FOR ANY DELIVERY CHARGES WHEN SHIPPING THE UNIT TO EPURAIR FOR WARRANTY REPAIR OR WORK.

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Epurair has the right to change any specification without notice.

