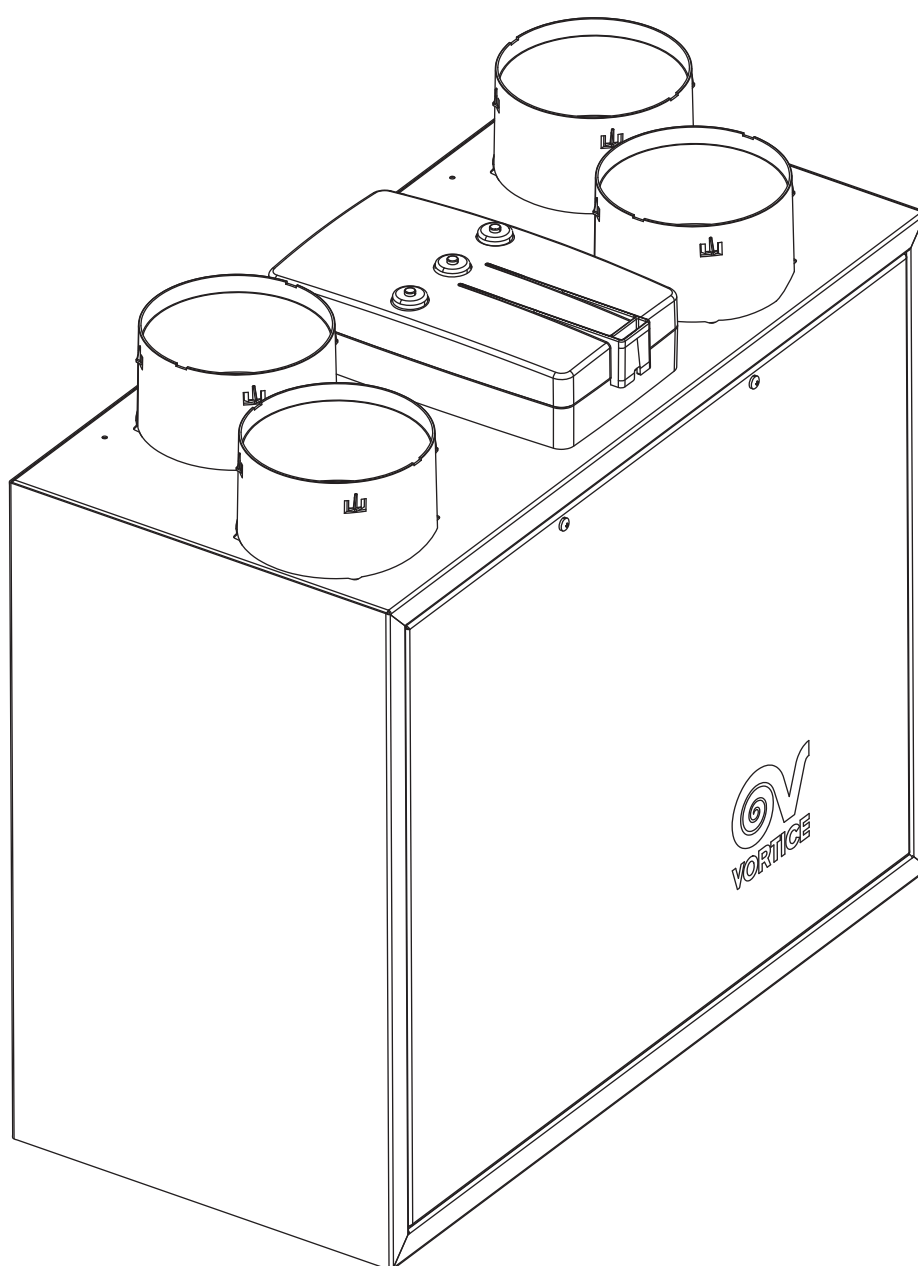




VORT HR 200 BP HOMEOWNER GUIDE



The Vort HR200 BP

The ventilation unit installed in your property is a low energy continuously running product designed to provide continuous ventilation to the dwelling. It removes stale air from the wet rooms (e.g. kitchen, bathroom) and recovers heat from this stale air, transferring it to fresh incoming air which is supplied to the habitable rooms (living rooms, bedrooms). A constant supply of fresh air provides a healthy environment for you and your family.

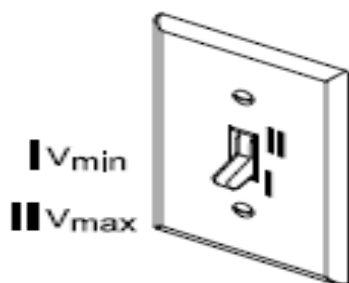
The Heat Recovery Unit (HRU) should be running when you take occupancy of the property.

The unit can operate manually by the switches installed in your property or the unit may have been set up to operate automatically with sensors located in some rooms (kitchen, bathroom, etc...)

Instruction for use

Manually selecting boost speed

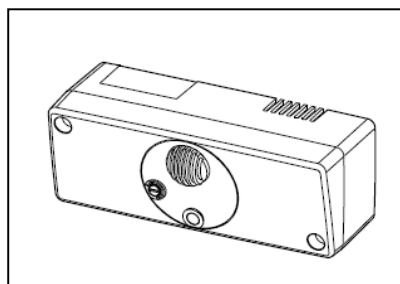
The unit can be switched between minimum speed (trickle) and maximum speed (boost) by means of a switch located in or near the wet rooms.



The fan speed can also be adjusted by means of the master control panel by using the ▲ button to select maximum speed (boost) and ▼ button to select minimum speed (trickle).

Automatically operating the unit

If your unit has been fitted with the optional sensors then the speed selection is automatic when either motion (PIR sensors) or humidity (T-HCS sensors) are triggered. If the unit has been installed to operate with sensors, the unit will select the most appropriate speed automatically from the sensors. More detailed instructions can be found in the Product Instruction Manual.

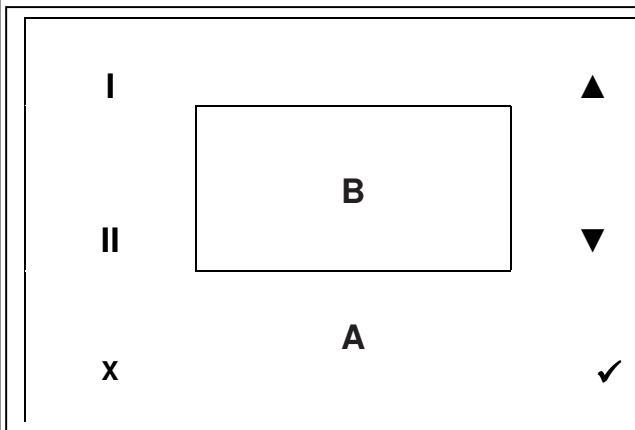


Thermal Bypass Operation

The Vort HR200 BP has a thermal bypass function. This means the motors are imbalanced in such a way as to reduce the thermal performance of the heat exchanger so reducing the thermal transfer between the air streams.

This function is fully automatic by means of setting the room temperature during commissioning of the system.

Master Control Panel Functions



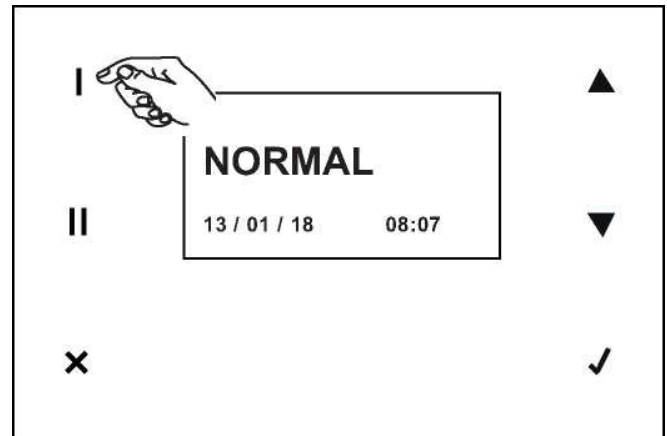
- A** Touch pad area
B Display

| Key | Function |
|-----|---|
| ▲ | To select the fan high speed (Boost) To move up through menu lists To increase a value in a selected menu |
| ▼ | To select the fan low speed (Normal) To move down through menu lists To decrease a value in a selected menu |
| I | Screen 1 showing date and time |
| II | Screen 2 showing system temperatures |
| X | Exit and return to previous screen without saving |
| ✓ | Confirm / save current setting |

Displays

The center of the display shows the operating mode of the unit, NORMAL (trickle or background) or BOOST. This is displayed in both screen options.

“I” This screen displays the date and time. These are settable by the occupier.

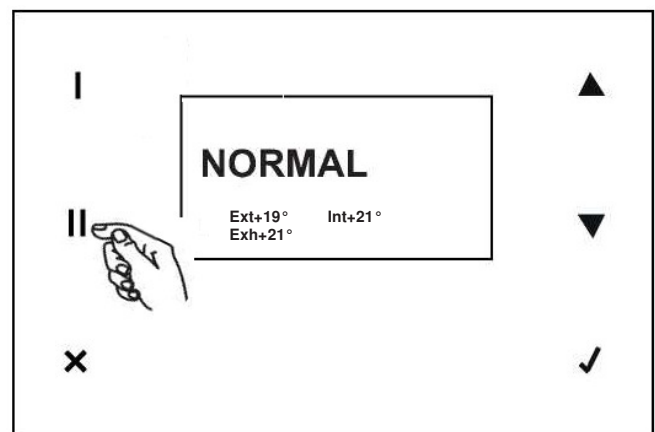


“II” This screen displays the temperatures of the air flows within the unit.

“Ext” Supply air into the unit

“Int” Extract air from the dwelling

“Exh” Exhaust air to atmosphere



Filter Cleaning & Maintenance

The Vort HR200 BP unit is fitted with two G3 filters part code (22367) which filter the incoming air flows into the unit. These will require cleaning and replacing periodically. The length of time between these will depend on the local environmental conditions.

Vortice recommended that the filters are inspected and cleaned every 2 to 3 months and replaced every 12 months.

Failure to carry out filter maintenance will seriously affect the system performance and may lead to a system lock up.

Filter Alarm

The unit will indicate when the filters require cleaning or replacement by means firstly of a pre-alarm signal on the master control panel. If this pre-alarm is not reset then a full alarm indication will be displayed intermittently. If filter maintenance and the reset is not carried out after a period of time the HR200 BP unit will shut down.

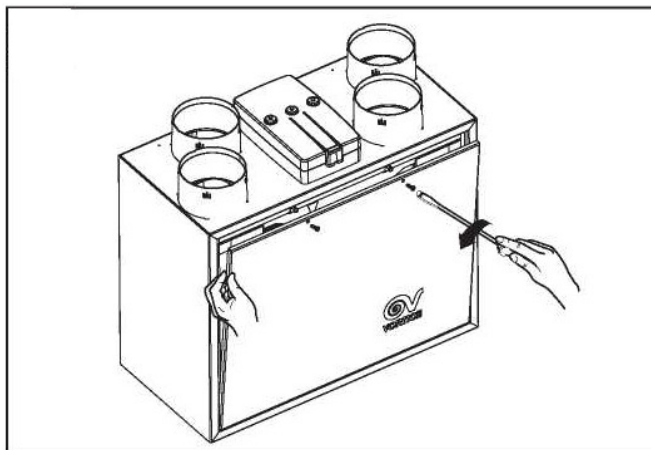


After 3 months if the filters are not replaced the unit will give a Filt alarm and stop operation until the filters are replaced and the message cleared as above.

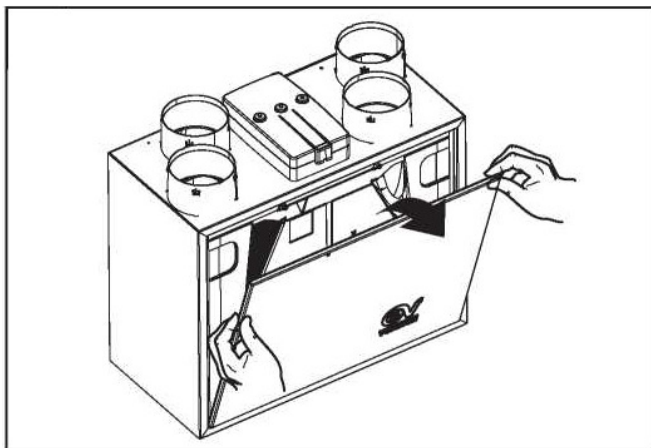
How to access and clean the filters

Important – Before carrying out any cleaning or maintenance on the heat recovery unit isolate the unit at the switched / fused spur for the unit.

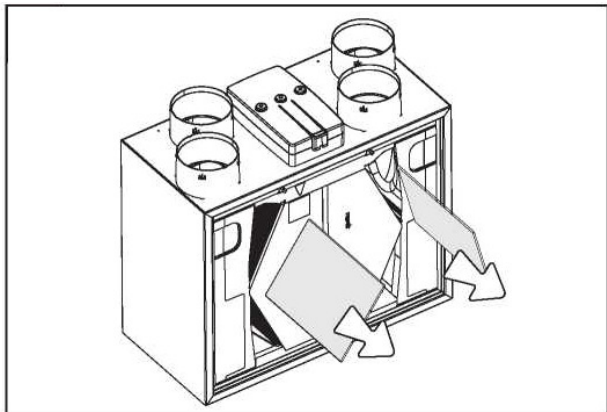
1. Remove the two screws at the top of the front panel.



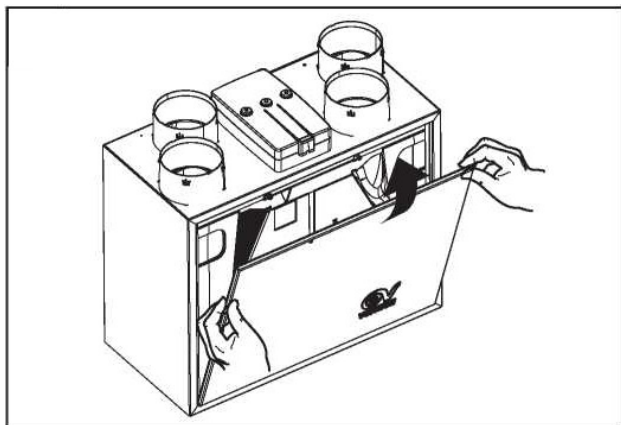
2. Remove the front panel by tilting towards you pivoting at the base to clear the top of the unit then lift up.



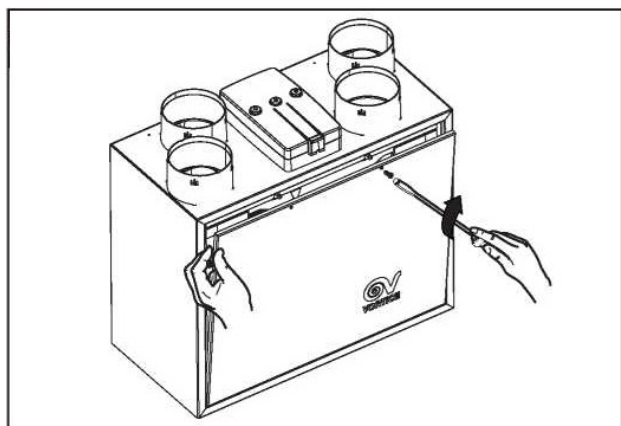
3. Remove the filters one at a time and clean / replace as required. When cleaning the filters note the orientation of the filter and re-install in the same direction.



4. Replace the front panel by placing on the bottom of the opening and pushing back into the opening.

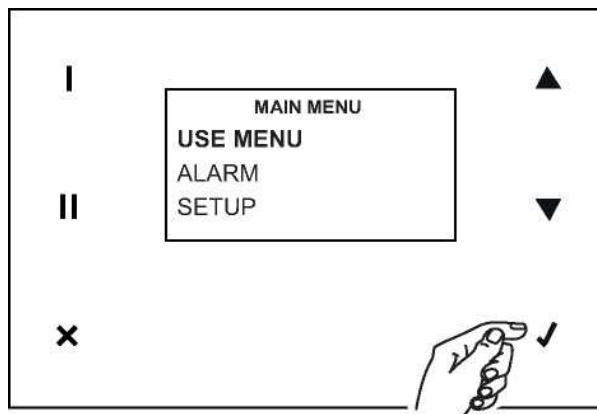


5. Secure the front panel by replacing the two screws removed in step 1.

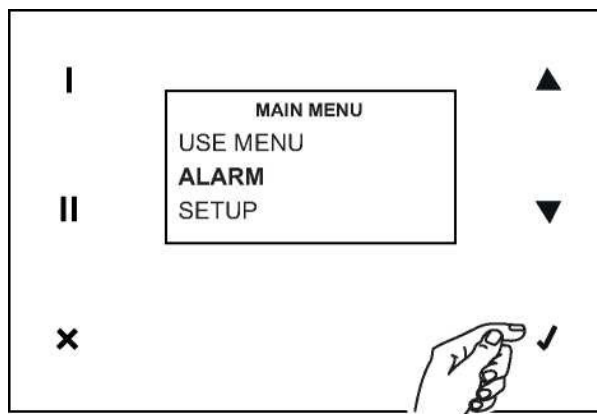


Resetting Filter Alarm

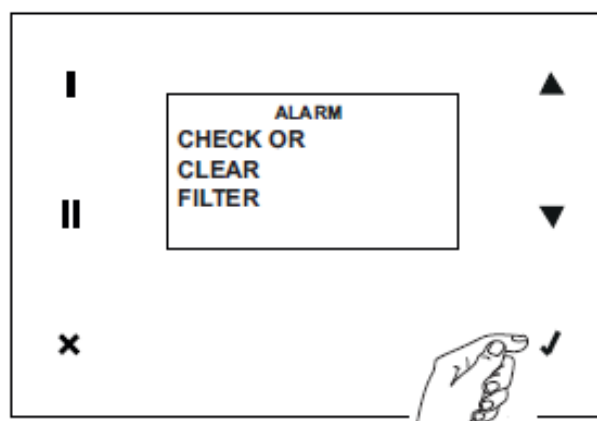
1. Press the "X" a couple of times to make sure you are at the main display screen.
2. Press the "✓" to display menu screen.



3. Use the "▲ & ▼" to select "ALARM" then press the "✓" to select.

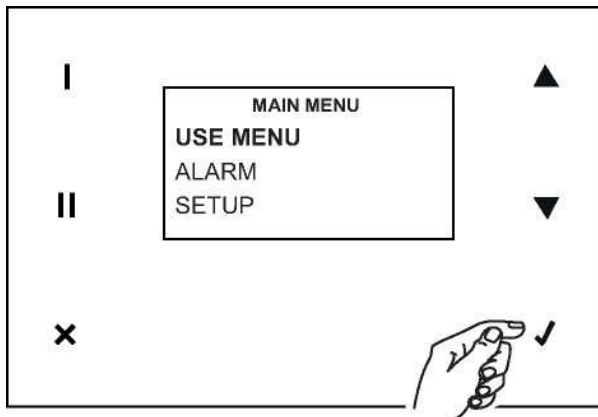


4. Press the "✓" to select and clear the alarm. Then "X" a couple of times to return to main screen.

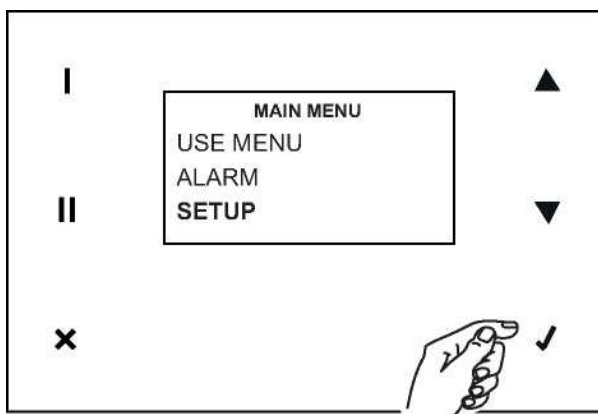


Setting the date and time

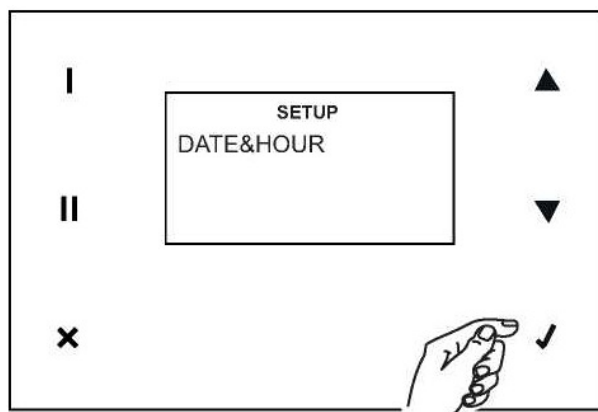
1. Press the "X" a couple of times to make sure you are at the main display screen.
2. Press the "✓" to display menu screen.



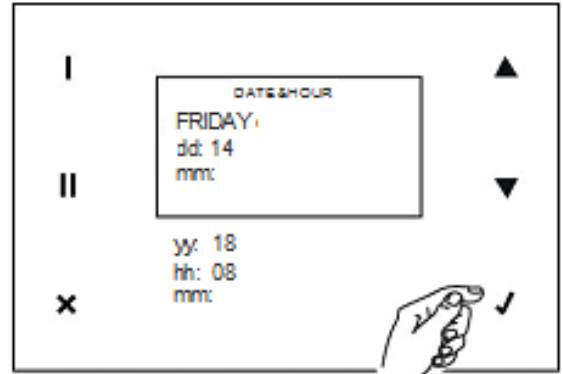
3. Use the "▲ & ▼" to select "SETUP" then press the "✓" to select.



4. Press "✓" to select.



5. Press "✓" to select the day and then using the "▲ & ▼" change to the required day then press "✓" to confirm.



6. Using the "▲ & ▼" keys and "✓" to select the option move through the menu options changing to the required setting then press "✓" to confirm.

7. Repeat steps 5 and 6 until all the options are set as required then Press the "X" a couple of times to make sure you are at the main display screen.