




FILTER CLEANING LGH-50/80/100 RVS

Remove all dust and dirt on air filters and Lossnay cores at regular intervals in order to prevent a deterioration in the Lossnay functions.

Guideline:

Clean the air filters once a year. (or when  are indicated on the remote controller)

Clean the Lossnay cores if they are dirty.

Clean the drain pan and Backflow stoppers once a year. (Frequency should be increased depending on their dirtiness.)

⚠ WARNING

- **Make sure the power supply isolator is turned off before starting maintenance.**

It could cause electric shock or injury if it is turned on.

- **Do not touch the product for at least 5 minutes after the power is shut off.**

Electrical shock can result.

⚠ CAUTION

- **Put on gloves during maintenance.**

It could cause injury.


- **Securely install parts after maintenance.**

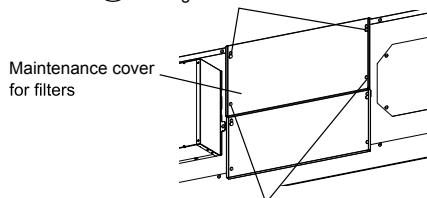
It could cause injury if parts fall.

Removing the parts

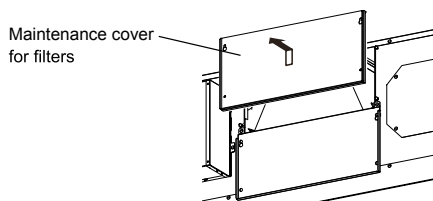
1) Maintenance cover for filters

Loosen four screws on the maintenance cover for filters.

 Upper two screws are fastened with keyhole fitting, loosen them enough to remove the cover.

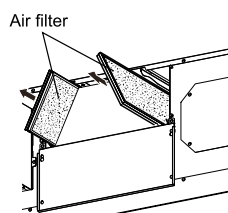


Lower two screws have fall protection washer, so they would not come off from the cover.



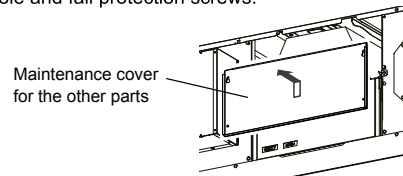
2) Air filters

Draw the filters out from the unit.



3) Maintenance cover for the other parts

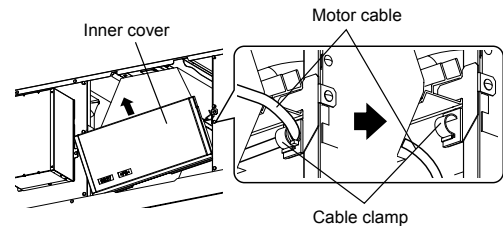
Remove it in the same way as maintenance cover for filters. Maintenance cover for the other parts have also structure of keyhole and fall protection screws.



4) Inner cover and motor cable

1. Pull out the upper part of the inner cover forward and remove it in the direction of the arrow in below picture.

2. Open the snap-in cable clamp and take out the motor cable from it.



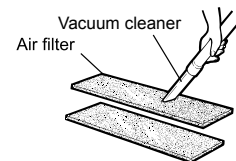
⚠ CAUTION

- **In case of pulling out inner cover forcibly not following the directions above, the styrol could be broken.**

Cleaning the parts

1) Air filters

Use a vacuum cleaner to remove light dust. To remove stubborn dirt, wash in a mild solution of detergent and lukewarm water. (under 40°C)



⚠ CAUTION

- **Never wash the filters in very hot water and never wash them by rubbing them.**
- **Do not dry the filters by exposing them to a flame.**

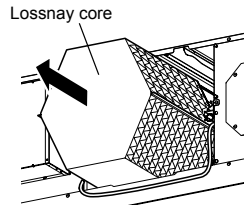
Complete Filter replacement for standard filters is 2 years maintenance cycle

While for the High efficiency filter that are used on OA section is every 1 year maintenance cycle



LOSSNAY CORE CLEANING

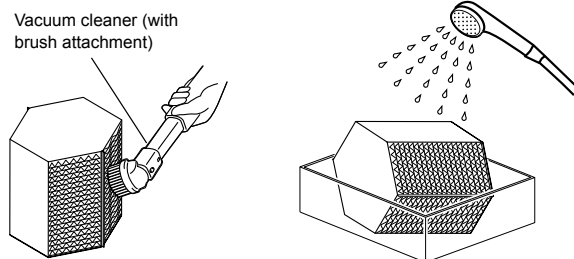
Hold the handle and draw the Lossnay cores out from the unit. When pulling out the Lossnay cores, be sure the motor cable not to be hooked. Otherwise, it might damage the motor, PCB and Lossnay cores.



CAUTION

- Do not forcibly pull out the Lossnay cores while the motor lead is hooked. The lead may be disconnected.

1. Use a vacuum cleaner to suck up the dust and dirt on the exposed surfaces of the Lossnay cores.
2. Put the Lossnay core in a suitable vessel (e. g. a small tub or the shower tray) and rinse the Lossnay core with clear water from all sides.
3. Carefully clean the air inlets and housing thoroughly with a broad soft brush.
4. Rinse the Lossnay core from all sides thoroughly with clear water.
5. Lift the Lossnay core from the vessel and remove the remaining water inside the Lossnay core by rotating the Lossnay core repeatedly.
6. Dry the Lossnay core with a dry cloth and put it back into the ventilation unit. Operate the unit at least one day for drying inside the core.



CAUTION

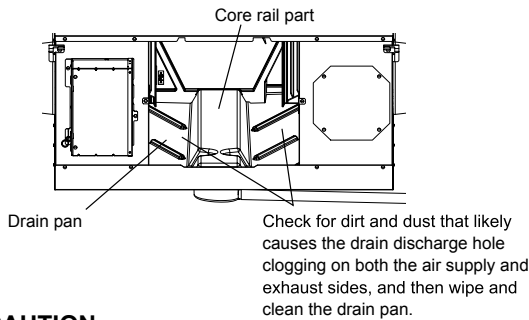
- Do not use the hard nozzle of the vacuum cleaner. It may damage the exposed surfaces of the Lossnay cores.
- Do not wash with detergent or disinfect with solution. It may damage the Lossnay cores.



DRAIN SIPHON CLEANING

Drain pan

1. Refer to **4.1 Removing the parts**, and remove the air filters and Lossnay cores.
2. Remove dirt on the drain pan, and water and dust adhered around the drain discharge holes with a soft cloth.

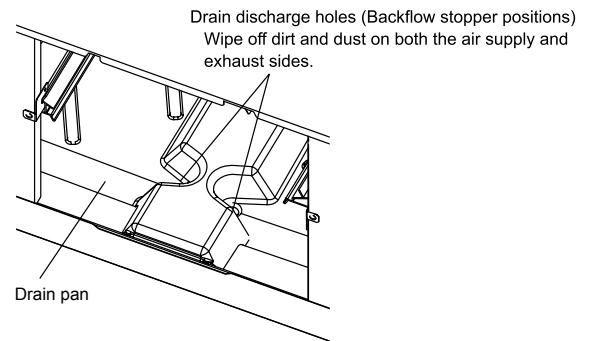


⚠ CAUTION

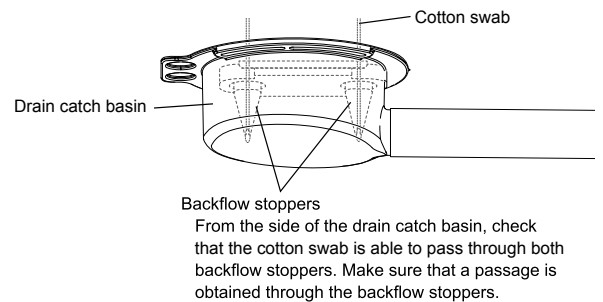
- To prevent the materials from deteriorating, do not use paint thinner, benzene, toluene and other solvents, detergents, or nylon scrubbing brushes for cleaning.
- When oil or the like is adhering, wash it off with lots of water. If the drain pan is particularly dirty, wash it with warm water (40°C or less).
- When wiping the drain pan for cleaning, do not apply load to the parts other than the core rail part. If a load is applied to the drain pan, it can be damaged, resulting in water leakage.
- After cleaning, do not leave anything including cleaning clothes or tools on the drain pan.

Backflow stopper

1. Refer to **4.1 Removing the parts**, and remove the air filters and Lossnay cores.
2. After cleaning the drain pan, remove dirt accumulated in the backflow stoppers with a soft cloth or the like. Besides that, remove dust if it clogged the backflow stoppers.



3. To remove clogging of the backflow stoppers, insert a cotton swab or the like into the drain discharge holes. From the side of the drain catch basin, check that the cotton swab is passing through the backflow stoppers.



⚠ CAUTION

- To prevent the materials from deteriorating, do not use paint thinner, benzene, toluene and other solvents, detergents, or nylon scrubbing brushes for cleaning.
- Pay attention not to damage the backflow stoppers and drain catch basin with the cotton swab. Besides that, if the cotton swab is short, it can be dropped into the drain discharge holes, and it can not be taken out from there.
- After cleaning, pour approximately 500 ml of water into both the drain discharge holes to check that water can be drained properly. When pouring water, pay attention not to splash water inside the product, and be sure to wipe off all puddles after the work.
- After cleaning, do not leave anything including cleaning clothes or tools on the drain pan.
- If the drain discharge holes are still clogged after the cleaning, the backflow stoppers must be replaced. If the product is continuously used, it may cause defective water drainage, resulting in water leakage. Be sure to contact the dealer from whom you purchased the product.

Assembly after maintenance

Bearing in mind the above points, assemble the parts following the sequence for their removal in reverse.

For more information please contact our Technical Support Team on 0800 737 842