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Split Air Conditioner Cleaning Instructions

AIRCONcare™ 4-Step System

ABSTRACT

The AIRCONcare™ System enables you to chemically clean and flush split air conditioner systems right on the wall without tearing down the coils off the wall. Almost anyone can do it in 4 Easy Steps!

By MacGyver Lab Pty Ltd

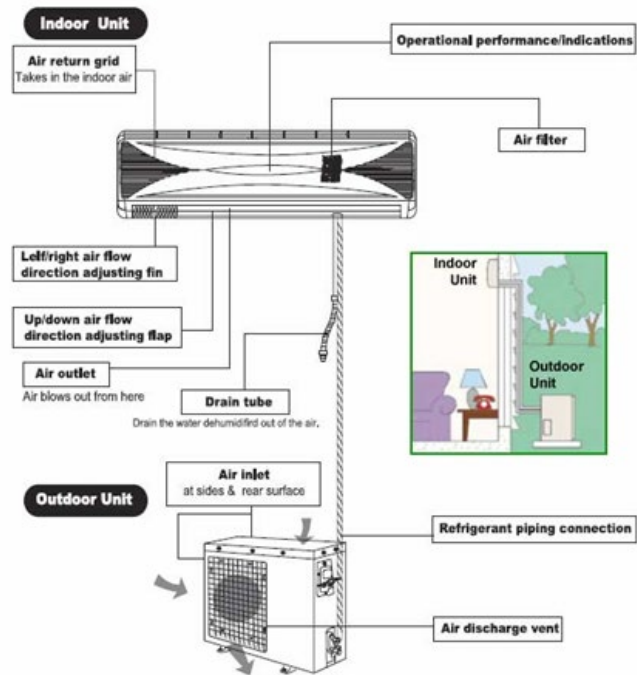
How To Get Professional Cleaning Quality

Split Air Conditioner Cleaning Instructions



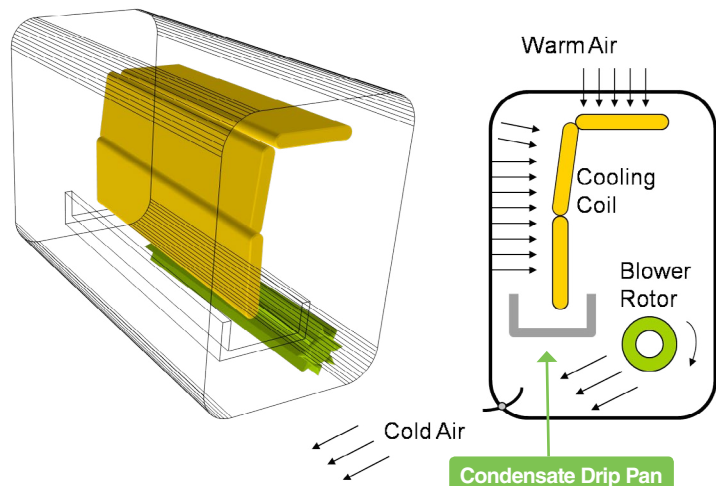
How To Clean A Split Air Conditioner Like A Professional

The AIRCONcare™ System enables you to chemically clean and flush split air conditioner systems right on the wall without tearing down the coils off the wall. In 4 easy steps, you will be able to reach the cooling coils/fins and rotary blades to flush and rinse out all the biofilm and dirt that has accumulated there. This instruction is a basic cleaning flush. For a complete system overhaul cleaning, you may want to remove the condensate drip tray which will be highlighted in the Tips Section of this document.



Background

A standard split air conditioner is made up of one or more indoor fan coil unit and a compressor. The fan coil unit consists of its filters, cooling coils, the condensate drip pan, the drain pipe and the rotary blades. The electronic circuitry is usually located to the right of the unit and is isolated from the rest of this system so it is quite safe to wash and flush the airflow areas of the unit. They are after all designed to handle condensate flowing from the coils.

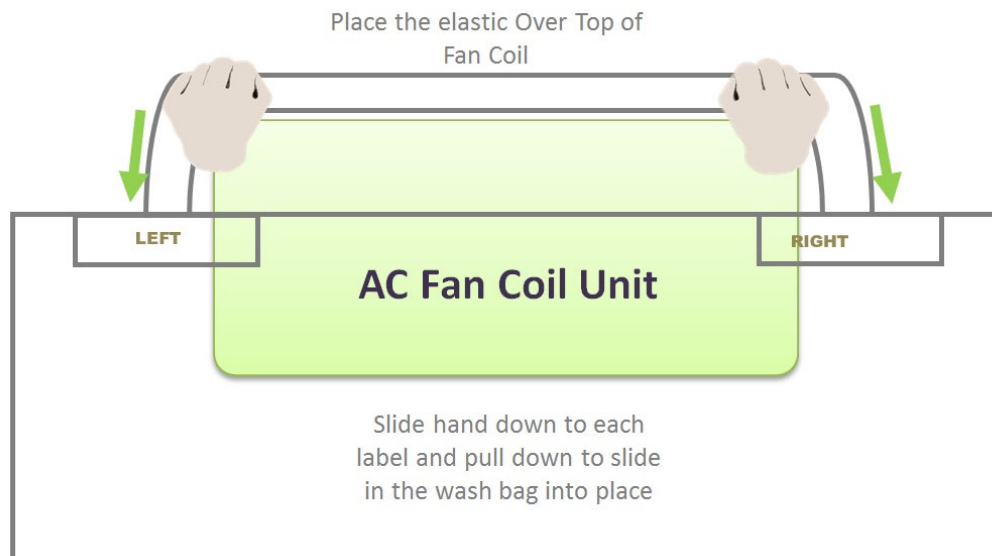
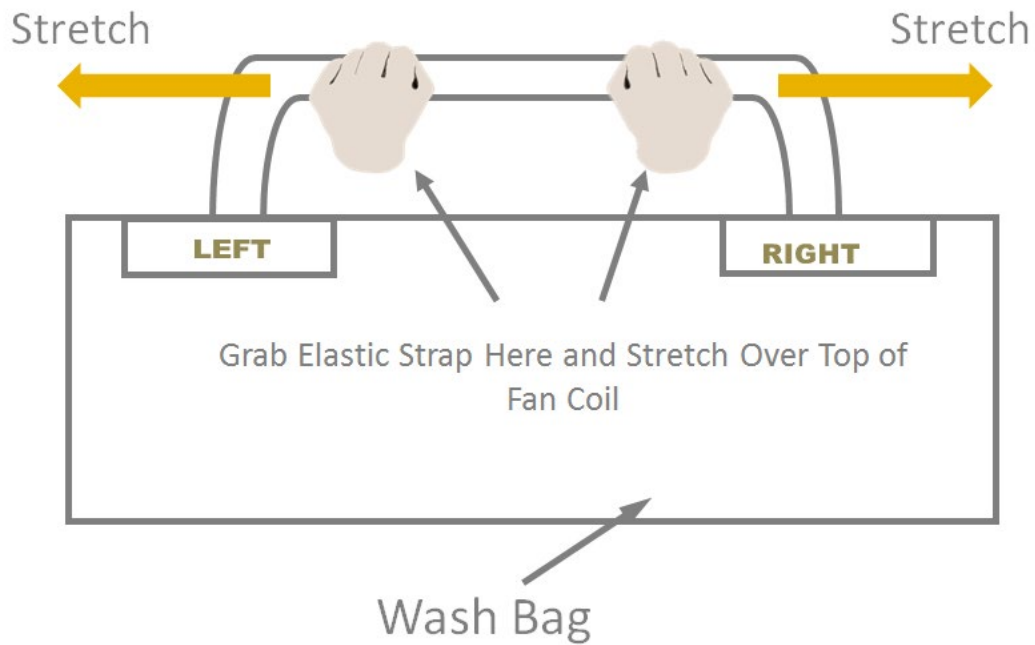


4 Easy Step Cleaning

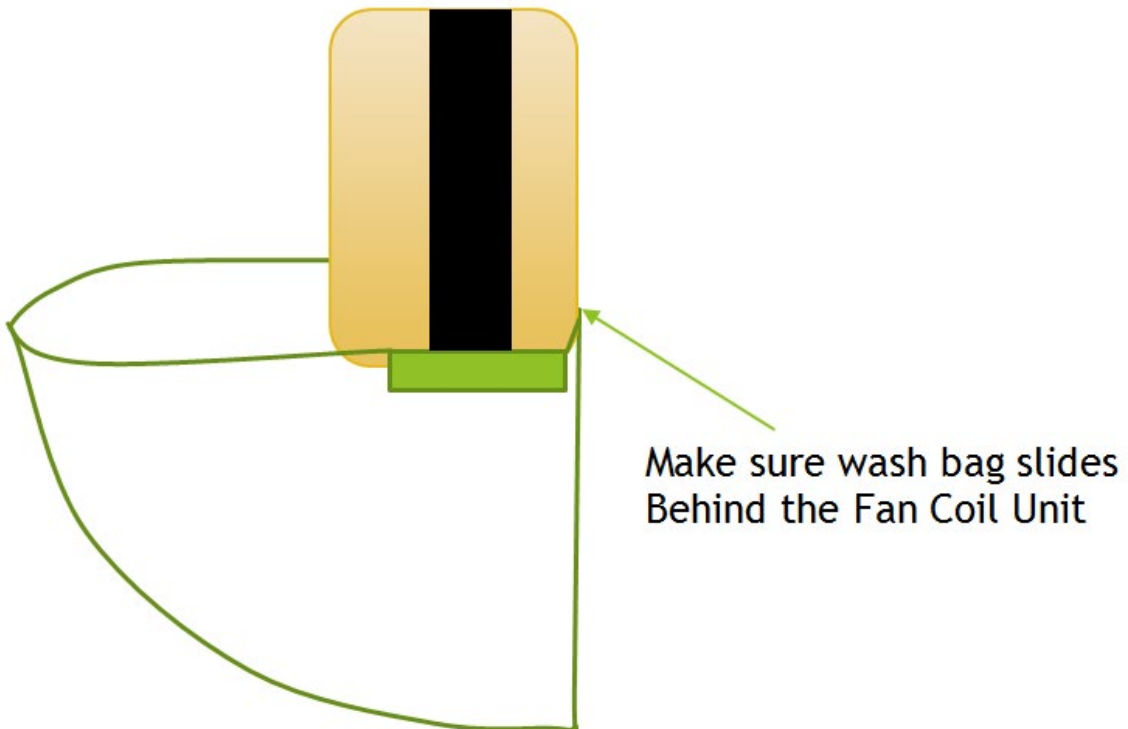
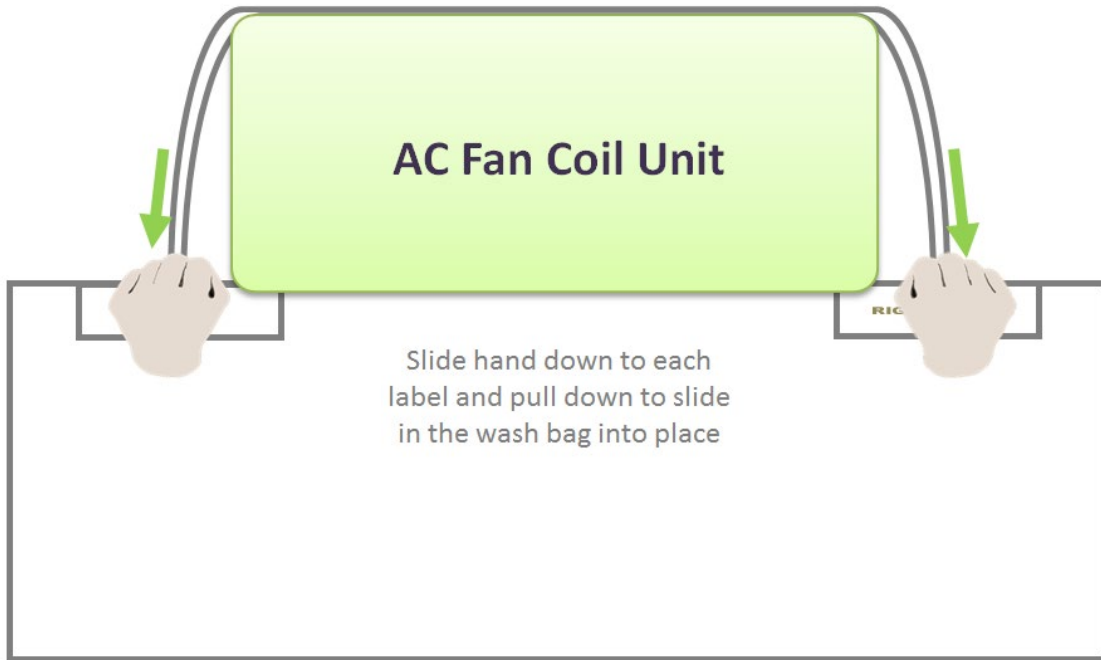
1

Wear The Wash Bag

Grab the elastic bands at a 3rd of the way from each side and stretch in the direction of the arrows.



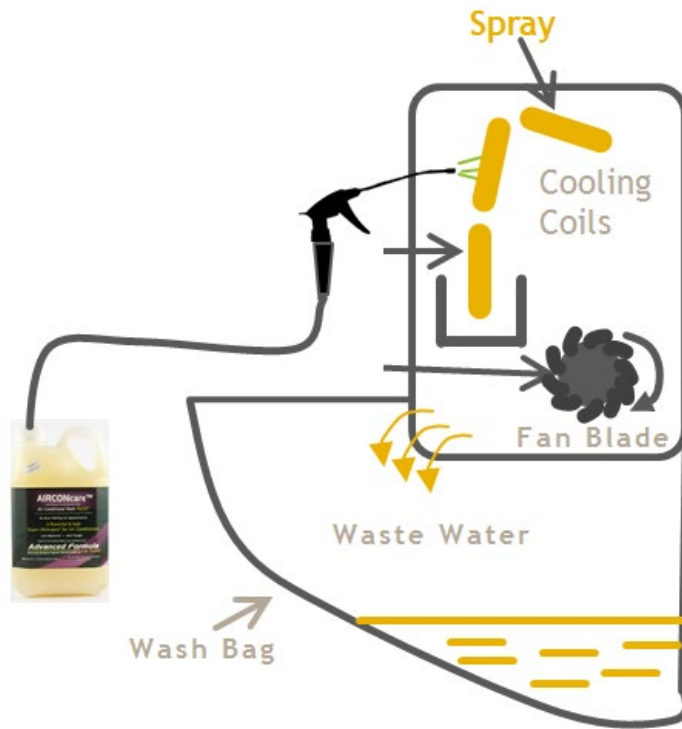
Place the elastic Over Top of Fan Coil



2

Remove the filters. Spray the cooling coil and rotary blades.

Hold the nozzle as close to the spray surface as possible to get the maximum effect of the nozzle. The angle of the spray can be adjusted by turning the tip of the nozzle screw. A 30° angle spray is desirable for maximum effect.



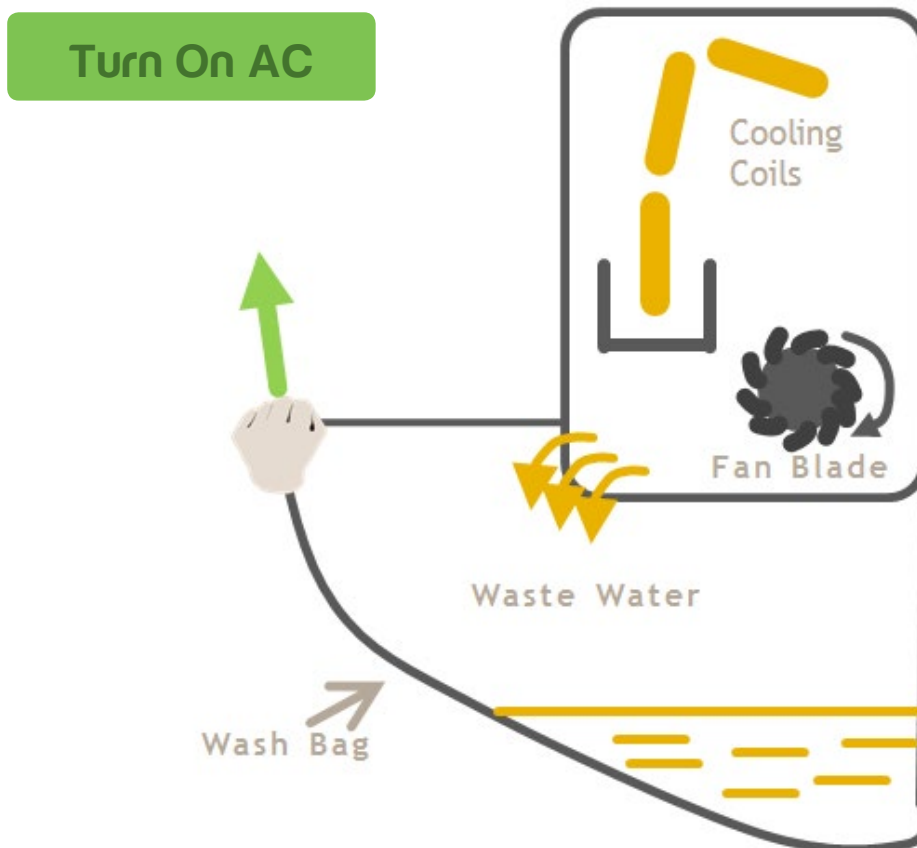
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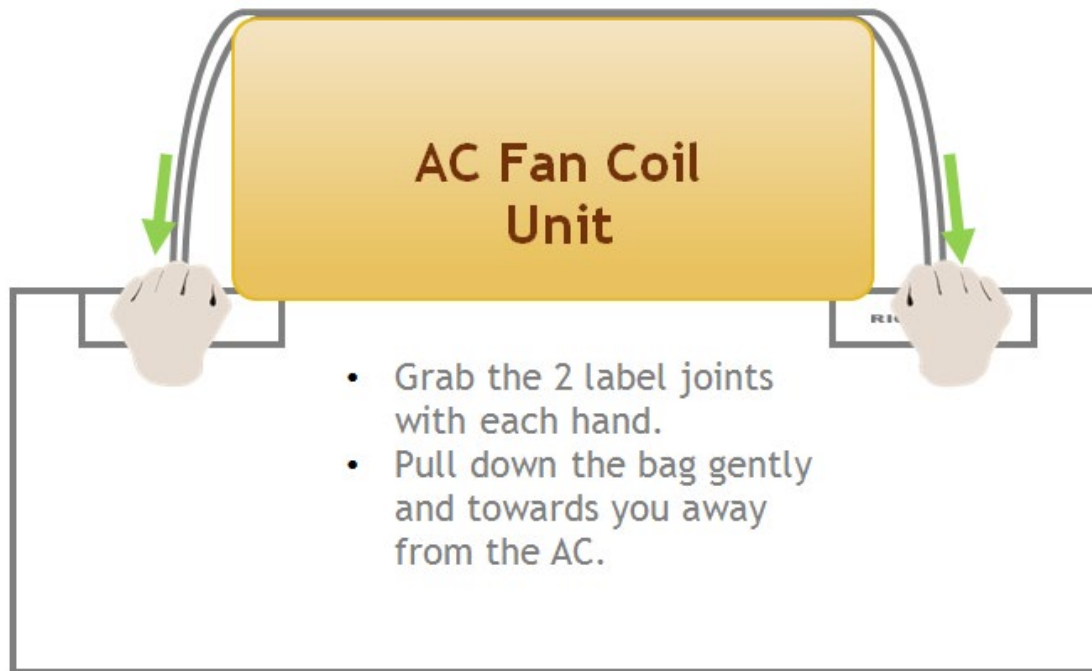
Wait 10 mins. Flush the same areas with a pressure sprayer thoroughly.



4

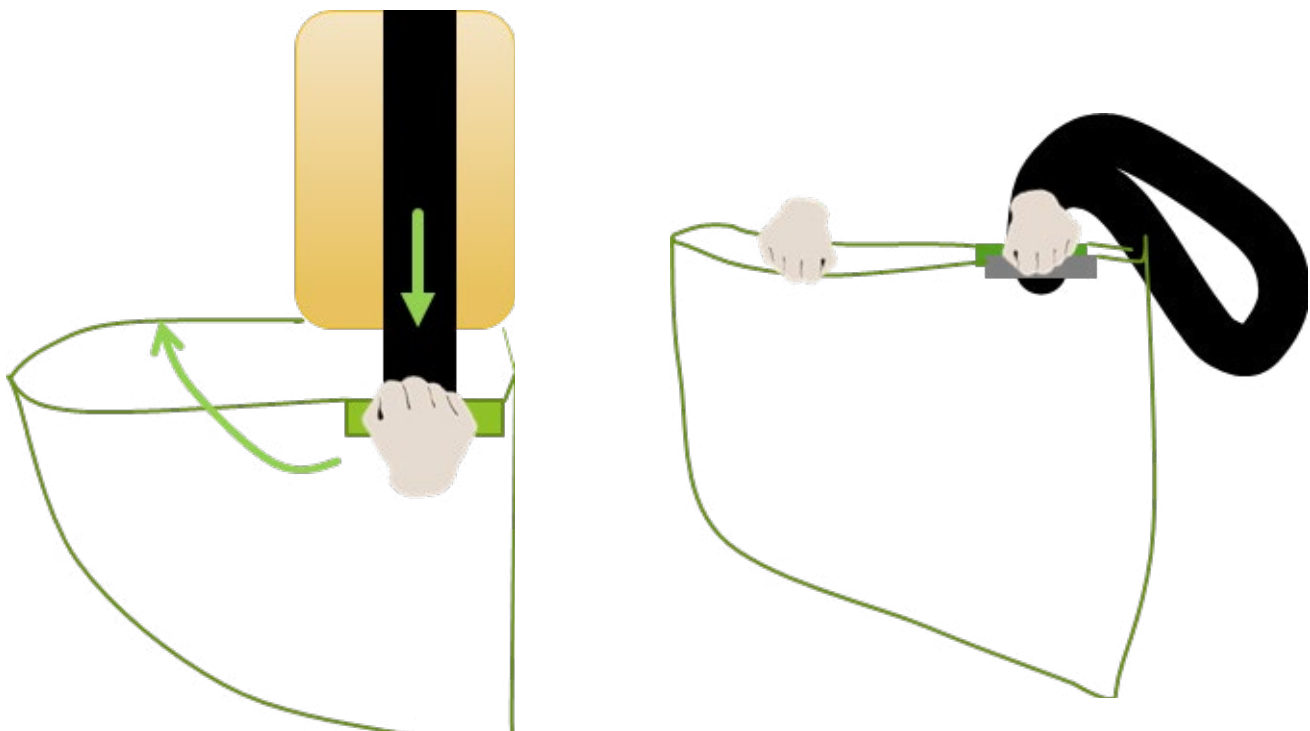
Wipe down the fan coil wall unit. Turn on the air conditioner while holding the bag open to catch the sprays thrown out by the blower.





Remove Wash Bag and Dispose Wash Water

Close the two labels together to carry the wash as shown in the figure below. Flush the waste water down the toilet bowl.



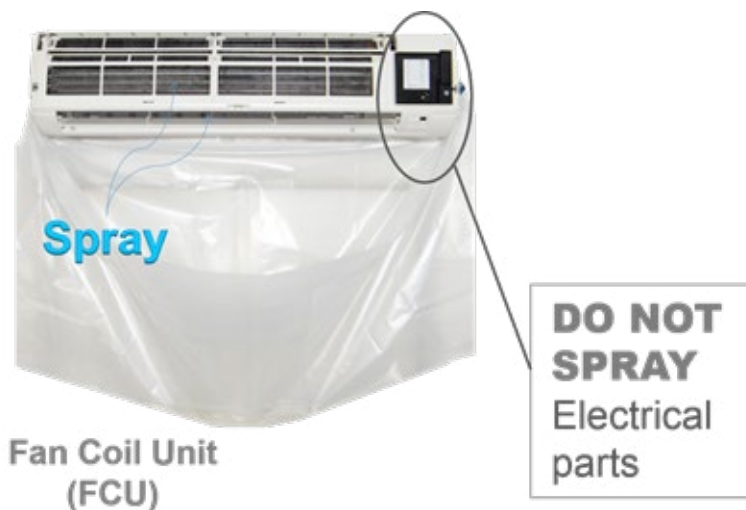
Tips

- While the AIRCONcare™ solution is designed to dissolve and dislodge bioslime and dirt clogs, but sometimes the clogs can be so severe that no solution can even reach it to allow for dislodging. In these cases, then to flush the drainpipe, use a wet vacuum to suck out the debris and biofilm from the outlet end of the drain. (This step is necessary if the drainpipe is choked and the water from the drip tray is not draining out.)
- If you can locate the secondary drain rubber plug on drip tray, unplug it before washing to allow most of the biofilm and dirt to flow into the bag rather than the drainpipe.
- If you want a more thorough job, releasing the drip tray will allow you to clean between the cooling fins and the drip tray. Dirt can sometimes be trapped between this gap hampering the condensate flow in coils that have not been cleaned in a long time. (This is an overhaul step that might take a longer time to do.)
- Use a toothbrush to assist in dislodging stubborn dirt especially in the hard to reach places especially around the outlet of the airflow just after the rotary fan blades.
- You may brush the front of the cooling fins with the toothbrush or a microfiber cloth to assist in the removal of heavy layers of biofilm and bioslime.
- A useful tip is to wear sweat wristbands to prevent drip back since you will be working in an elevated position.
- When using the long nozzle sprayer, rapid forceful spraying will increase the effectiveness of the sprayer. Priming of the sprayer might be needed during initial use. This means pressing the trigger spray many times to get the priming going. (Keeping the sprayer lower than the bottle may help in the initial priming using the gravity siphoning to aid the priming).



Warning

- DO NOT Spray the electrical component areas.**
- Always turn OFF power to the unit before cleaning.**



CLEAN FREQUENTLY TO AVOID BUILD UP - ONCE A QUARTER IS RECOMMENDED FOR AIR CONDITIONERS THAT ARE TURNED ON EVERY DAY.

CERTIFIED BY INDOOR ENVIRONMENTAL QUALITY STANDARDS AUSTRALIA:

The AIRCONcare™ Cleaning Solution has been certified to the IEQSA Standard 202 for heating ventilation and air conditioner (HVAC) maintenance which provides a robust benchmark for human safety in cleaning methodologies for air handling units (AHUs) of all general use applications.





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