

6 Steps In Maintaining Your Fujitsu Mini-split Systems Service Tips

1) Primary filters must be kept clean.



- a. Airborne dust, debris and hours of operation attract the mentioned elements and will cause restriction in air flow.
- b. Residential - indoor units will require bi-monthly cleaning depending on the usage. (recommended hand wash, not dishwasher safe)
- c. Commercial - highly used areas, clean filters weekly.

The RLQ. (System discontinued)

➤ **The filters were easily removed and cleaned by hand with mild dish washing liquid. (Vacuum black carbon filter)**

Indoor Air Quality filter (IAQ)



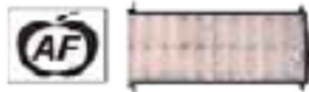
2) Fujitsu systems can be programmed to alert end-user to clean the filters after so many hours of operation (optional).
(check install manual for function settings).

Disclaimer:

In order to perform some of these tests an electrical and/or refrigerant license is required. We strongly advise to check the Service manual for more detailed explanation. If you are not sure about these recommendations please contact us at 866-952-8324.

Current Filters

- ❖ Apple Catechin Filter has a 3 to 12 month life expectancy depending on environment, needs to be replaced.



- ❖ The Ion Deodorizing filter has a 3 year life expectancy which can be washed to restore surface action or can be replaced.



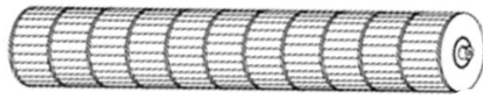
- 3) Visually inspect indoor, outdoor coils for optimum air flow.
 - a) It is recommended to examine coils each year and keep clean.
 - b) It may be necessary to clean the coils every year depending on usage.
 - c) Coil cleaning requires removing front cover of the indoor unit.
 - d) If need be vacuum the indoor coil with a soft bristle brush attached.
 - e) Vacuum the indoor coil up & down, not left to right.
 - f) Remove all dust and debris.
 - g) Coil cleaning solutions being used must be diluted with water.(per manufactures specs).

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- 4) Drain pan must be clean of any mold, mildew and or algae that would cause unpleasant odor or clogging of drain pan and hose.
 - a) Coil cleaning solutions should be sufficient enough to remove any grime in the drain pan or surrounding plastic.
 - b) Make sure the drain hose is free of all clogs.
- 5) Make sure the blower wheel assembly is free of debris.
 - a) Visual inspection is needed.



6. Make sure the outdoor unit is clean.
 - a) Make sure outdoor unit is level.
 - b) Make sure outdoor unit is raised up off its pad with risers bolted securely to the pad, (per installation manual).
 - c) Make sure line sets have no kinks,
 - d) Make sure line sets insulation has not deteriorated from exposure to UV radiation (**direct sunlight**).
 - e) Make sure that the outdoor unit side discharge is free of debris and raised above anticipated snow fall levels in the area.
(if snow falls in your area)

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Disconnect Main Power to system

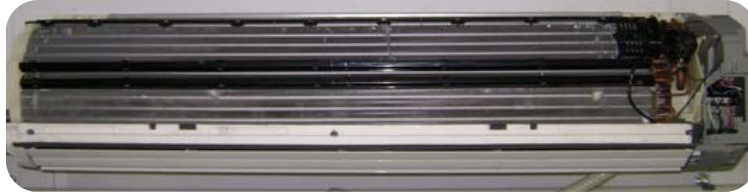


Fig.1



Fig.2

NOTE: Fujitsu suggests visiting: www.speedclean.com when cleaning wall mounted indoor units Fig.1 (OPTIONAL), can also be hand sprayed and rinsed.

- Arrange plastic sheeting around the indoor unit.
- Protect the wall, floor and around the back of the indoor unit.
- Spray Coil cleaning solutions onto the indoor coil and blower wheel, **Fig.2**.
- Let solution sit for the recommended amount of time.
(per manufacturers instructions)
- Rinse with clean tap water.
- Repeat process until coil is clean of dirt, mold and mildew.
- Allow unit to dry for 24 hours.
- Inspect all components ensuring they are completely dry.
- Reassemble the plastic outer cover of indoor unit before startup.

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