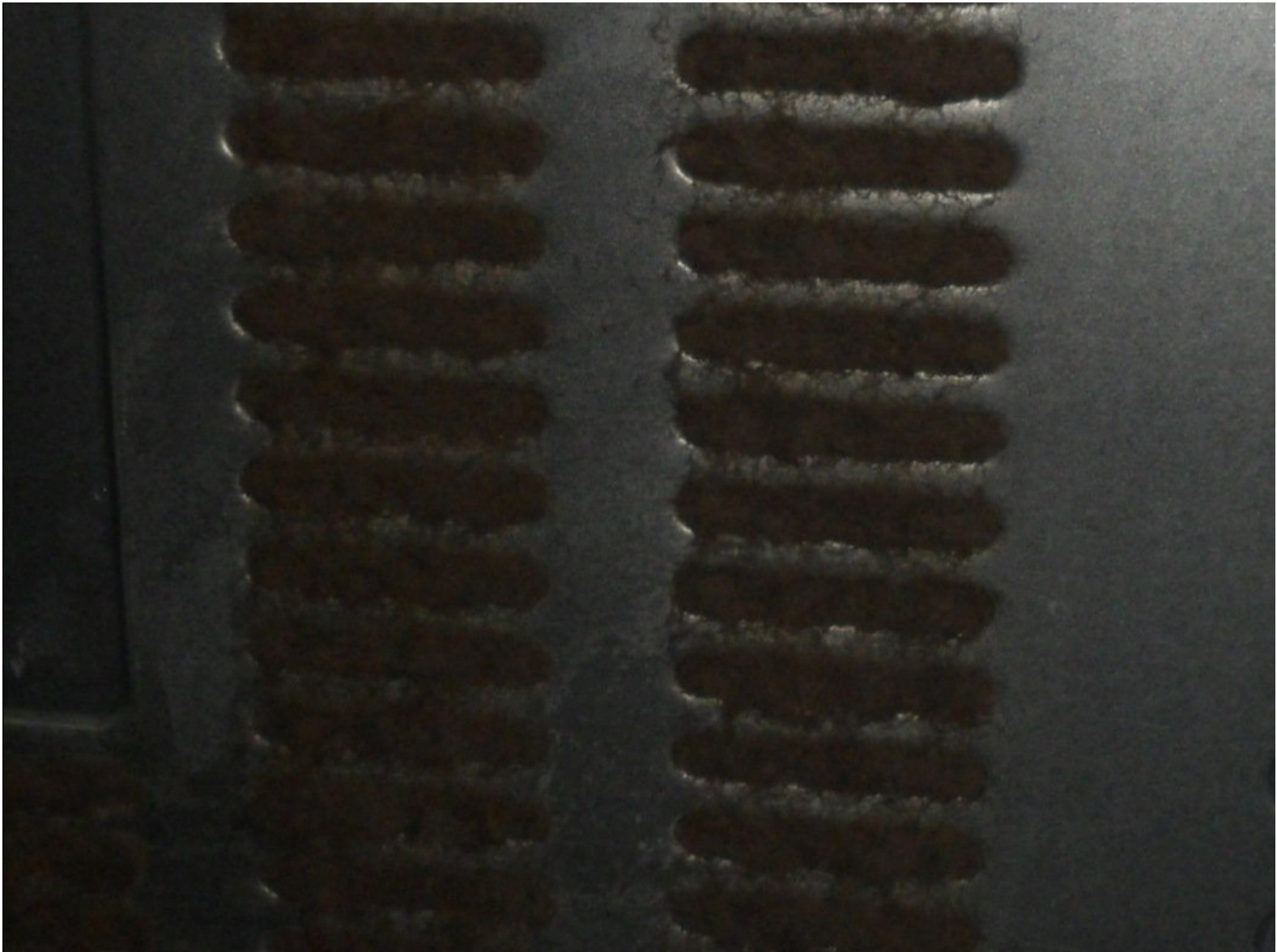




Panasonic NR B 53 V1 Refrigerator ventilator / fan cleaning

Clean the dust and restore airflow for a refrigerator.

Written By: Schwarzstein



INTRODUCTION

When the Fan gets dusty and the air louvers pollute with grease and dust from the kitchen, a lower airflow occurs and the refrigerator needs more electric-power, makes more noise and cools bad. So you have to clean it.

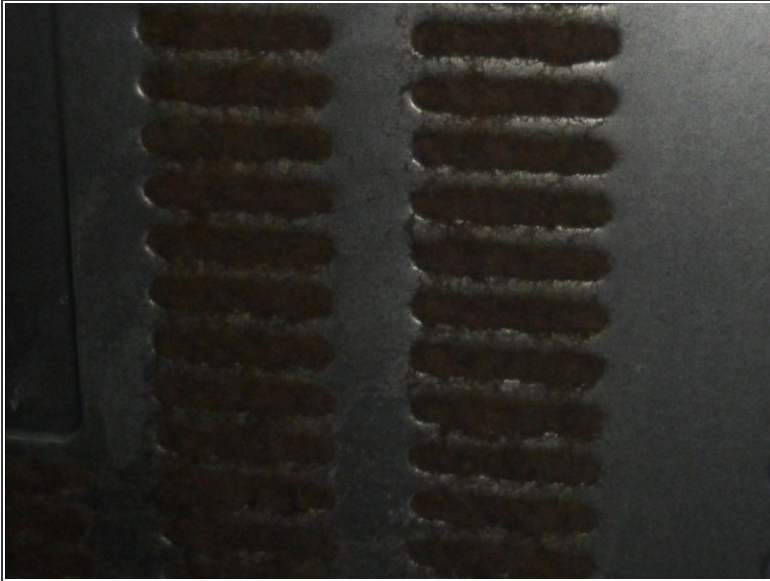
WARNING: REFRIGERATOR CONTAINS FLAMMABLE GAS. IF THE GAS-PIPE LEAKS, AN EXPLOSIVE AIR MIXTURE ACCRUES. IT IS VERY DANGEROUS IF YOU DONT WORK PROPER AND CLEAN. DONT DO THIS AT HOME IF YOU ARE NOT SURE IF YOU CAN DO THIS.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [long paintbrush \(can be found at the Dollar Tree AKA Dollar Store\)](#) (1)
 - [Vacuum Cleaner](#) (1)
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Step 1 — Panasonic NR B 53 V1 Refrigerator ventilator / fan cleaning



- First you have to empty the fridge, because when you move it the things inside could fall over. Move it away from the wall. Take care of the waterhose.
- On the picture you see the bad clogged air louvers on the backside of my fridge. This is the filth from only THREE YEARS ! The air can't flow unhindered, that's very bad for the fridge.
- When you open it, Be VERY careful, in the pipes is a flammable gas.

Step 2



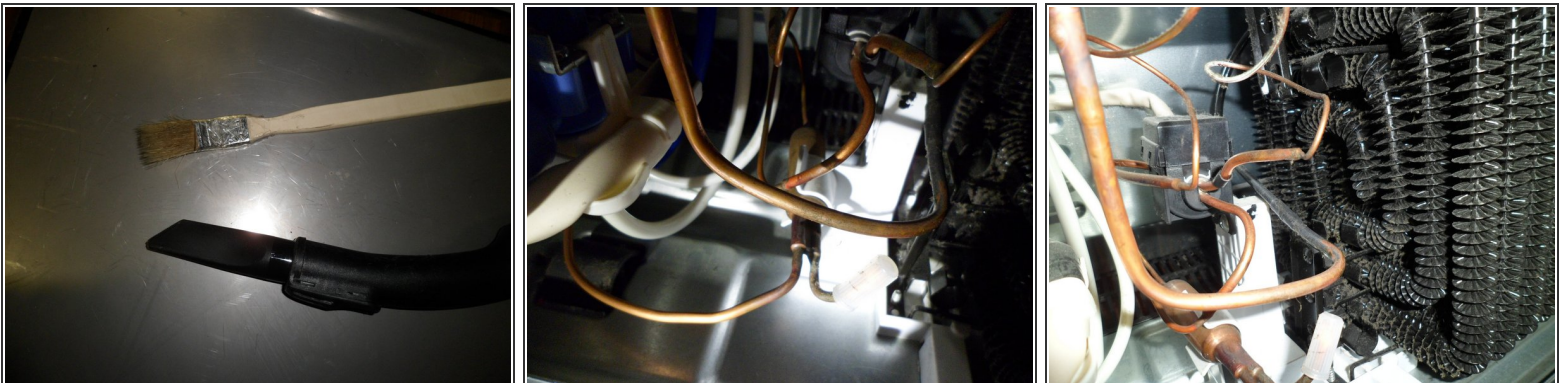
- There are PH2 screws on the backplate. One is hidden behind the waterhose.
- All screws have the same length
- In the green circle, there is the water outlet from the reservoir of the defrosting automatic. there is water in it ! So open the plate slowly.
- I had to cut the waterhose, when you do this too dont forget to close the faucet. I put some aluminiumfoil on the hose, so there cant get any dust in the hose, because there is lots of dust and its not good when dust gets into the waterhose of the fridge. You must have a 1/4" coupler to reassemble the waterhose when you are done !!!

Step 3



- No words necessary. So that are pictures from the inside, behind the backplate. ... Thats the pollution from ONLY 3 years, and you would not believe me but we have a "clean" household...

Step 4



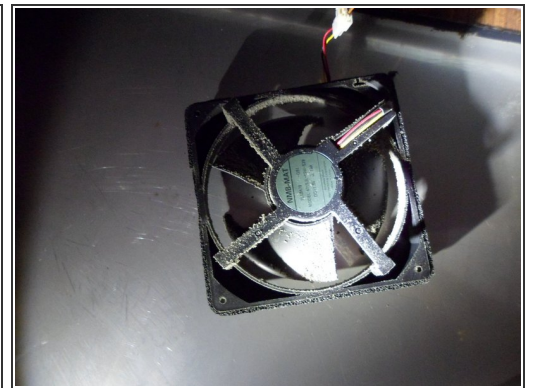
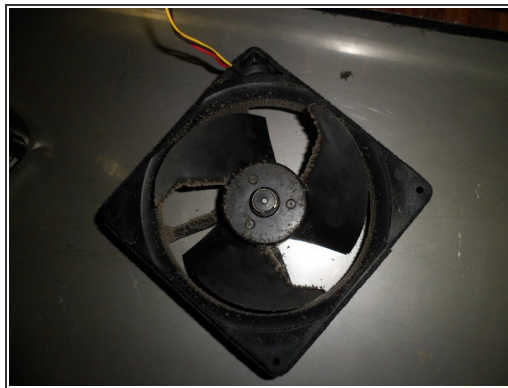
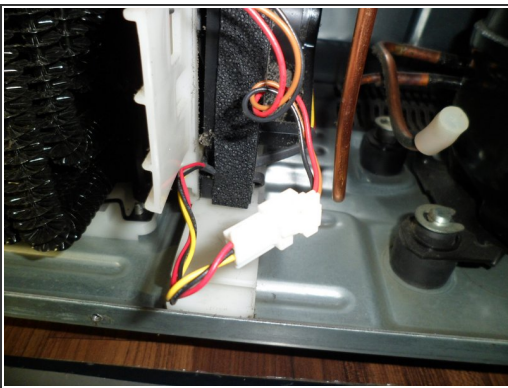
- So take a new, clean & long paintbrush and the vacuum-cleaner and do the best you can to remove all the dirt. Ja, much better now.

Step 5



- Also clean the waterreservoir, It can easy pulled out, but slowly, there is water in it. Looks like Bratensosse zu my Schnitzel.

Step 6



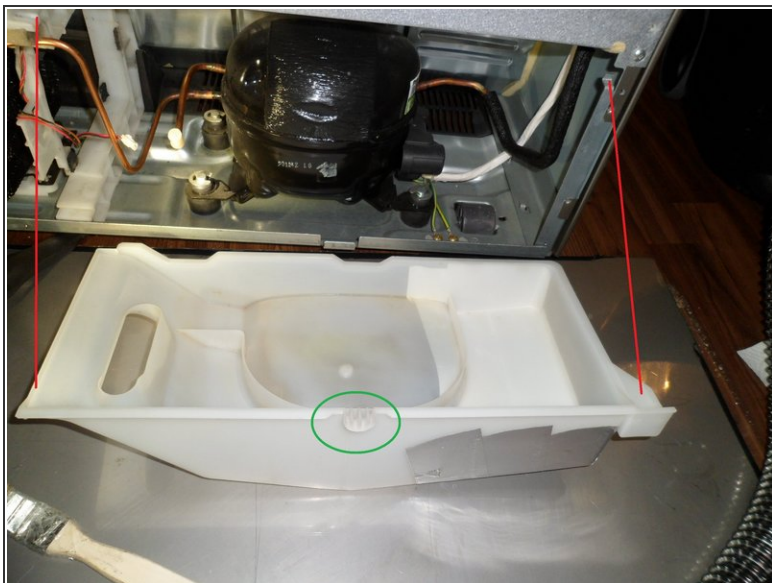
- The fan has a white Bracket with some foam at a gaspipe. I have no Photo of that part, but you can see it in Step #9. Goto to #9, Ja. ...carefully remove it. There is a plug with a clip. The fan has no screws and no clipse. Just pull it carefully. Very easy !

Step 7



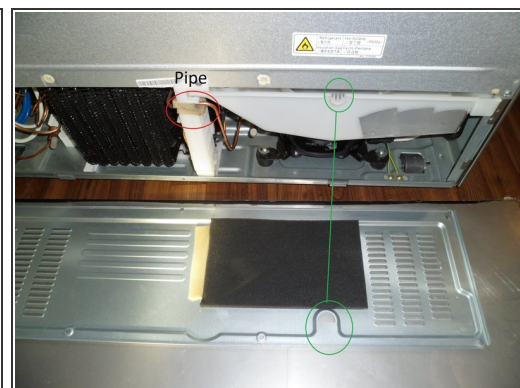
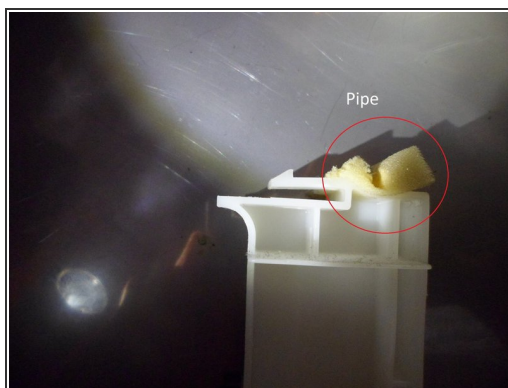
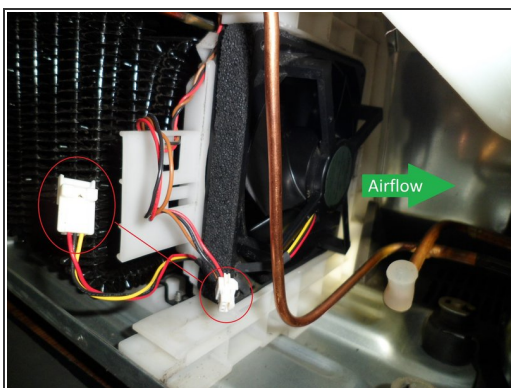
- Here you can read the Print on that Fan.
- It says: NMB MAT - 1L12A79 - g51 - Model 4715JL-09W-S29 - DC 11.5V - 0,19A - Minebea Motor China ...

Step 8



- Here you can see how to put back the water reservoir. There are no screws, no clipse and no tricks.
- That big black thing is the compressor. It could be HOT, be careful - and it contains flammable gas, be VERY careful. The pipes are filled with flammable gas too !

Step 9



- The direction of the fan, just slide it in, watch the wires and the gaspipe. Then put in the white part as shown on the second picture, the pipe lays in that foam. ja.

Step 10



- So you can close the plate, look where I made the red arrows, that has to fit in the crack on the side, also take care at the waterhose.
- So revolve the screws like shown in Step#2

To reassemble your device, follow these instructions in reverse order.