

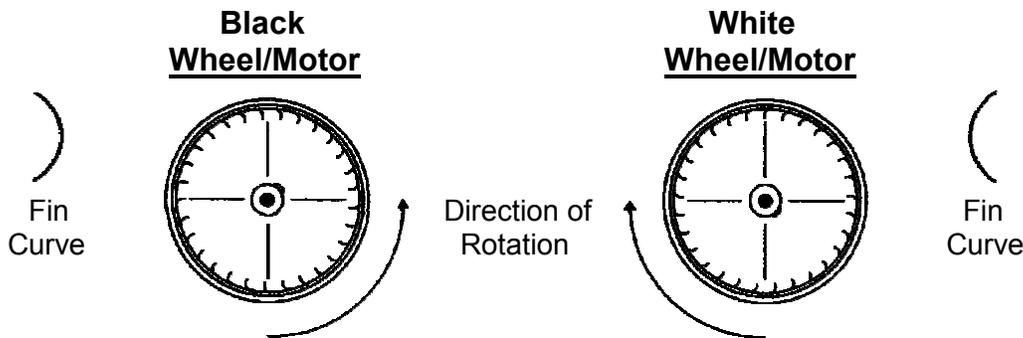


Cleaning Your Fire-Safe “Magic Lung®” Blower

As contaminated air passes through the Magic Lung® blower system, vaporized cooking grease is “squeezed” back into liquid form inside the snap-off blower housing. From there, it flows through a hole into an E-Z Clean grease tray. The amount and type of cooking you do will determine how often your E-Z Clean grease tray, blower housing and blower wheel(s) require cleaning. The grease tray will require cleaning more often than the blower housing and blower wheel(s).

Because your Vent-A-Hood extracts over 99% of the cooking grease from the air, you are assured that grease is not building up inside your ductwork (a bad fire hazard), or inside your home (smelly and very destructive to carpeting, upholstery and the finish on cabinetry). Do not use any acids, abrasives, strong detergents, solvents or scouring pads to clean your hood.

SPECIAL NOTE ON DUAL BLOWERS: If there are two or more blowers in your Vent-A-Hood, you will find white motor/blower wheel combinations and black motor/blower wheel combinations. White motors turn clockwise and black motors turn counter-clockwise. Consequently, the curved fins on the black and white blower wheels face opposite directions so the air can be “scooped” toward the outside. In wall-mounted hoods, the white motor/blower wheel are installed on the right. In island, peninsula or pass-thru hoods, the white motor/blower wheel are installed on the left, as you face the front of the hood.



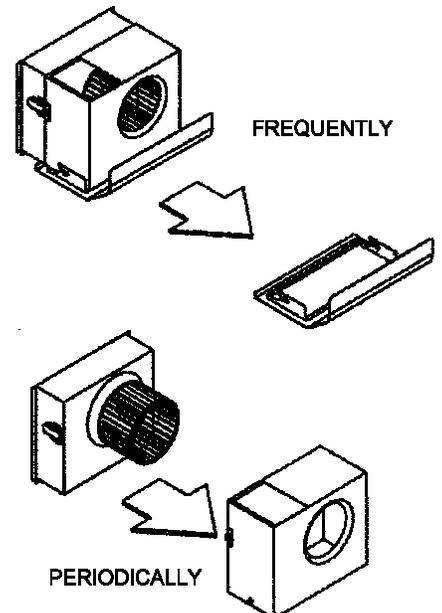
When they are new, you may wish to scratch a “B” into the metal on the back of the black blower wheel and a “W” into the back of the white blower wheel because, after a period of time, the grease and cleaning may obliterate the paint. **Take care to always keep the motors and wheels in their proper locations!** Placing a blower wheel and/or motor in the wrong location may cause the motor to overheat and prematurely burn out. Your Vent-A-Hood will also become noisy and won’t ventilate properly.

CLEANING STEPS:

1). Frequently clean the grease from the drip pan incorporated in the blower shield. Using two hands, hold the blower shield level as you carefully pull it straight toward you. Once the shield is free from the retaining pins, continue to hold it level as you lower it from the hood.

Periodically clean the blower housing, damper(s) and blower wheel(s). Remove the blower housing by un-snapping the latches on each side then, while tipping it slightly downward, pull it forward to clear the blower wheel(s). Locate and remove the polymer damper(s) located inside the blower housing.

(over)



2). Clean the blower housing, blower shield and dampers by soaking in a sink of hot, soapy water for about 5 minutes. Formula 409 and WD40 are also good at liquefying grease. These parts may be washed in the dishwasher but be aware, the detergent may deteriorate the paint over time and this is not a warranty issue.

3). To remove the motor/blower wheel assembly from the hood, undo the three screws that attach the round, motor mounting plate to the hood (see figure 2). Motor mounting plates are color coded either white or black to match their corresponding blower wheels. Disconnect the motor from its wiring harness and remove. (**NOTE: Motors are permanently lubricated and do not need to be oiled.**)

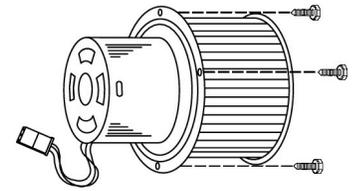
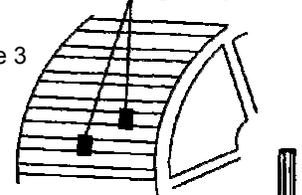


Figure 2

4). **Handle blower wheels carefully. They can be damaged beyond repair by twisting, bending or dropping them! Also, do not disturb any metal clips attached to the fins (see figure 3). These clips balance the wheels and must not be moved!**

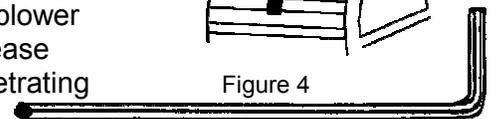
Balancing Clip(s)

Figure 3



Using an 1/8" allen wrench (see figure 4), loosen the set screw in the hub of the blower wheel (see figure 5). If the set screw is loosened and the blower wheel does not slide easily off of the motor shaft, it may be due to a grease build-up on the shaft. Clean this grease from the shaft with a liquid penetrating oil, such as WD40, and the blower wheel will slide off easily.

Figure 4



5). Grease can be removed from the blower wheel by soaking it in a hot detergent or ammonia water solution, scrubbing it with a soft brush, and then rinsing. **Keep the motor dry.**

If it is not too greasy, the blower wheel may be cleaned in the dishwasher. However, the dishwasher detergent may eventually take the paint off the wheel.

If you have a dual blower, permanently mark the blower wheels, as described above, so you will always be able to distinguish the white wheel from the black.

Take care to reinstall the motors and wheels in their proper locations!

Set Screw

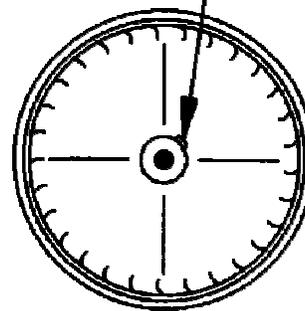


Figure 5

6). Line up the set screw with the flat side of the motor shaft and slip the blower wheel onto the shaft. Position the wheel slightly away from the motor. **NOTE: Placement of the wheel is important!** Do not leave it too far forward or it will rub on the blower housing when it is replaced in step #9. Using the allen wrench, tighten the set screw against the flat side of the motor shaft.

7). Spin the wheel by hand to see that it does not touch the motor and does not wobble. A blower wheel that wobbles needs to be replaced.

8). If you have taken it out of the hood, reinstall the motor/blower wheel assembly.

9). Reinstall the dampers in the blower housing, making sure they open and close freely. Reinstall the blower housing and blower shield. Spin the blower wheel by hand to be sure it turns freely and is not scraping on the housing. If the blower wheel rubs on the housing you will need to reposition the blower wheel on the motor shaft.

CONGRATULATIONS!

You have purchased the finest range hood available, manufactured by the leader in kitchen ventilation since 1933.

Thank you for choosing *Vent-A-Hood* !

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