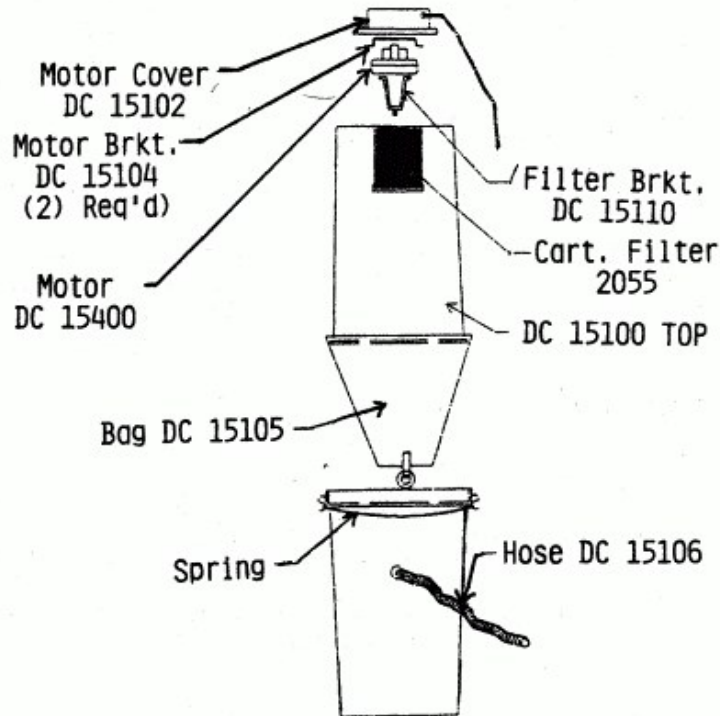


### Assembly tips for the DC1500

- Filter bag fits over the lip of the top drum and sags into the bottom drum.
- The weight then hangs into the bottom drum.
- This assures that the smooth side of the bag is exposed to the debris and that the fuzzy side of the filter goes towards the motor.
- The top canister should slide under the spring and settle into the lip of the lower canister.

The spring then holds the top and bottom together and lays inside the lip.



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## Operating Manual & Parts List for the DC1500 Dust Collection System

### *Please Read Instructions Before Operating This System*

**SAFETY TIPS:** Before you begin using your new unit, we want to help protect you and your product from injury or damage.

**FIRST** - This unit is designed to pick up dry material only! It is not to be used in any situation where moisture or water is present. **THIS IS NOT A WET VACUUM SYSTEM!** Serious injury or equipment damage will occur if this warning is disregarded.

**SECOND** - The DC1500 is designed to be used for 2 to 5 hours per day.

**THIRD** - This unit is equipped with a grounded, three prong electrical plug. If your outlet does not accept this plug, please have a qualified electrician replace the outlet.

**FOURTH** - This unit has a motor with an open brush holder design. A spark can be expected when the motor starts up. This unit must not be used in an environment where airborne substances could be volatile and cause an explosion.

## **ASSEMBLY INSTRUCTIONS**

Your DC1500 Dust Collector comes disassembled. Please follow these instructions to insure proper operation.

1. Place the upper canister on the floor with the open end up.
2. Make sure that the nut holding the cartridge filter in place is tight.
3. Place the filter bag into the upper canister, the bag weight should be visible when the bag is properly in place. Drape the edge of the bag over the rim of the canister.
4. Now set the top canister into position over the lower canister. This should pinch the filter bag, all around the perimeter, between the canister rims.
5. After placing the canisters together, pull the spring up over the lip to clamp unit together.
6. Insert your 2 1/4" diameter hose into the lower canister.
7. Plug the unit into a properly grounded electrical outlet.

### **DO NOT USE THIS UNIT AS A WET VACUUM**

Any water or moisture that gets into the dust collector may cause serious injury to the operator or damage the vacuum motor.

#### **NOTE!!!**

Each time the DC1500 is started, dust may blow out from the top of the unit. This is normal for the first several minutes of operation. If dust continues to blow out of the top near the motor as it is being used, consult the troubleshooting guide.

## **MAINTENANCE OF THE DC1500**

The DC1500 dust collection system requires owner maintenance. The unit must have debris emptied from the lower canister and the filter bag shaken out every other day. The cartridge filter should be blown off with air at this same time. If the cartridge is removed for cleaning, please put silicone sealant on the black seal ring of the filter before reinstalling and tighten the nut holding the filter to the bracket adequately. Another sign that this maintenance is needed is if there appears to be excessive dust remaining in the cabinet. You, the owner, will determine how often this cleaning should occur. If this routine is not followed, the motor on the dust collector will be severely damaged.

## **WARRANTY**

Due to the nature of the environment that this unit will be operating in and knowing that its effective performance depends on the owner's cooperation in following the maintenance and safety tips, the motor and filter bag are warranted for 90 days from the date of purchase, by the original owner. User should call the factory in the event of defective parts. The parts will be repaired or replaced at the manufacturer's discretion. This warranty grants the user certain legal rights. Users and purchasers may also be protected by other rights which vary from state to state.

NOTE: Except for warranties set forth above, the manufacturer makes no other warranties of any kind, expressed or implied, including warranties of merchantability or fitness of a product for a particular purpose.

## **TROUBLESHOOTING**

PROBLEM #1 - Dust blowing out the top of the unit all the time.

- \* No filter bag was installed.
- \* A hole has developed in the filter bag.
- \* The unit is not assembled correctly. Check the canister and the bag for alignment.
- \* The abrasive being used is worn out or too fine.

PROBLEM #2 - The motor is noisy or won't run.

- \* Brushes in the motor are worn out.
- \* Motor has failed - replace the motor. The filter bag should also be replaced when a motor is replaced so as not to put old contaminants into a new motor.