



# OPERATING INSTRUCTIONS

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**For Models Pro Series  
390, 690 & 990**

***READ MANUAL BEFORE OPERATING SYSTEM***

**TO THE OWNER:**

Read the owner's manual thoroughly to ensure the most efficient use of your Dirt Devil® system. To register your Dirt Devil® system warranty in the United States and Canada, call 1-800-822-9277, register online ([www.cvacregistration.com](http://www.cvacregistration.com)) or fill in and mail the warranty card located with this manual.

***Please be sure this manual and warranty information are left with the power unit or customer when installation is complete.***

***Ne brancher l'appareil qu'à une prise avec mise à la terre.***

## **INSTRUCTIONS DE MISE À LA TERRE**

Cet appareil doit avoir une mise à la terre. Si une déféctuosité ou autre survenait, la mise à la terre offre une voie de moindre résistance au courant électrique, d'où un risque moins élevé d'électrocution. Cet appareil est équipé d'un cordon électrique ayant un conducteur et une fiche de mise à la terre. Cette fiche doit être branchée dans une prise appropriée qui a été installée et mise à la terre convenablement en accord avec le code électrique de votre région.

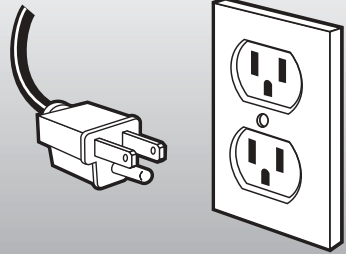
## **AVERTISSEMENT**

Un branchement incorrect de l'équipement de mise à la terre peut causer un risque d'électrocution. Si vous avez un doute concernant la mise à la terre de votre prise, veuillez faire vérifier votre installation par un électricien qualifié ou une personne du service après-vente. Ne pas modifier la fiche fournie avec l'appareil - si la fiche ne se branche pas à la prise, faites installer une prise adéquate par un électricien qualifié.

Les appareils, Pro Series 390, 690 & 990 doivent être employés avec un circuit de 120 volts et avoir une prise qui ressemble à la prise illustrée sur l'image A.

Vérifiez que votre appareil est branché sur une prise ayant la même configuration que la fiche électrique. Aucun adaptateur ne devrait être utilisé avec cet appareil.

### **MODÈLE A**



**MÉTHODE DE MISE À LA TERRE**

## **ATTENTION:**

**NE PAS UTILISER SUR TAPIS  
OU PLANCHER MOUILLE.**



# IMPORTANTES MESURES DE SECURITÉ

*LISEZ COMPLÈTEMENT LE MODE D'EMPLOI AVANT D'UTILISER  
CE SYSTÈME D'ASPIRATEUR.*

*En employant un appareil électrique, des précautions fondamentales devraient toujours être prises, y compris:*

## AVERTISSEMENT

*Pour réduire les dangers de feu, d'électrocution, ou de blessure:*

- Débrancher et couper le courant avant de le réparer.
- Ne pas utiliser sur des surfaces mouillées.
- Ne pas utiliser comme jouet et surtout faire attention quand on l'emploie près des enfants.
- Employer seulement tel que décrit dans ce manuel d'emploi et qu'avec les accessoires du fabricant.
- Ne pas utiliser si la corde ou la prise électrique est endommagée. Si l'appareil ne fonctionne pas, est endommagé, est tombé par terre, a été laissé à l'extérieur, ou a été immergé, dans l'eau, veuillez rapporter l'appareil à un centre de service.
- Ne pas tirer sur le cordon électrique. Ne pas utiliser le cordon électrique comme poignée, ni le coincer dans une porte ou l'appuyer sur des coins et boudures tranchants. Ne pas passer l'aspirateur sur le cordon électrique. Eloigner le cordon électrique de la chaleur.
- Ne pas débrancher en tirant sur le cordon électrique. Pour le débrancher, saisir la prise de courant, et non le cordon électrique.
- Ne pas utiliser avec les mains mouillées.
- Ne rien mettre dans les fentes et les orifices bouchés. Ne pas employer avec des orifices bouchés. Éliminer poussière, cheveux et les autres choses qui peuvent rendre difficile la circulation d'air.
- Gardez cheveux, vêtements amples, doigts, et toutes autres parties du corps loin des orifices et des pièces mobiles.
- Ne pas aspirer quelque chose qui brûle ou fume, comme des cigarettes, des allumettes, ou des cendres chaudes.
- Brancher à une prise de courant munie d'une mise à la terre. Voir les renseignements de mise à la terre.
- Éteindre tous les contrôles avant de débrancher.
- Faire bien attention en nettoyant les escaliers.
- Ne pas utiliser pour aspirer des liquides inflammables comme l'essence et ne pas employer dans des endroits où ces choses peuvent se trouver.
- **Ne rien placer ou entreposer sur le dessus de l'appareil - une surchauffe du moteur pourrait se produire.**
- **Ne pas utiliser l'appareil si le sac à poussière ou le filtre n'est pas en place.**

## CONSERVEZ CES INSTRUCTIONS

*USAGE RESERVÉ POUR LA MAISON OU EMPLOI  
COMMERCIAL LÉGER*

*Ne pas ventiler dans un mur, un plafond, ou un espace  
dissimulé d'un bâtiment ou un édifice.*



**MODELS Pro Series 390, 690 & 990**

## **COMMERCIAL LIMITED WARRANTY**

The manufacturer warrants to the initial purchaser that the Dirt Devil® Models 390, 690 & 990 power units will be free from defects in material and workmanship for one (1) year from the date of first consumer purchase and that hoses, tools, turbine attachments and other attachments will be free from defects in material and workmanship for ninety (90) days from the date of first purchase.

Defects, malfunctions, failure, or damage caused by improper, unreasonable, or negligent use or repair while the warranted parts are in possession of the purchaser are excluded from the warranty. This warranty does not cover unauthorized removal or repair of the motor assembly.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER THE INSTALLATION OF EQUIPMENT. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR ANY OTHER OBLIGATIONS OR LIABILITIES ESPECIALLY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES TO ANYONE. THE WARRANTY DOES NOT COVER UNAUTHORIZED REMOVAL OR REPAIR OF THE MOTOR ASSEMBLY.

Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. We neither assume nor authorize any person to assume for us any liability in connection with the sale or service of the Dirt Devil® equipment other than as provided in this warranty. This warranty is only valid under normal, intermittent use of the product when properly installed and operated in light commercial application.

## ***IMPORTANT WARRANTY INFORMATION***

Proof of Purchase or Registration of the Dirt Devil® System is required before any warranty work will be performed by an Authorized Dealer. Registration ensures a fast and easy resolution to your warranty requirements.

To register, simply call the 24-hour registration line at 1-800-822-9277, register online ([www.cvacreistration.com](http://www.cvacreistration.com)) or complete and return the blue warranty postcard located with this manual.



512 West Gorgas Street • P.O. Box 3912  
Louisville, OH 44641-3912  
1-800-822-8356

## Dirt Devil® Built - In Central Vacuum Systems

# OPERATING INSTRUCTIONS

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### General Information

*Do Not Store Objects on top of the power unit. This will block the motor cooling ventilation. Restricting the cooling airflow may shorten the motor life.*

The central vacuum is designed to vacuum ordinary household dirt and dust. The system is designed for dry pickup. A Wetvac accessory is needed if the system will be used for liquid pickup.

The central vacuum system is a network of inlet valves, 2" PVC tubing, and low voltage wiring installed in the walls of your home. To operate the system, simply plug the hose into an inlet valve, attach the cleaning tool to the curved hose end and begin vacuuming. The dirt is transported through the in-wall tube system back to the dirt canister (located on the power unit).

**Caution:** *Do not allow the motor to remain turned on, unless a hose is connected or an inlet valve is open. If air is not permitted to pass through the fan blades, damage may occur to the motor.*

### Operating Instructions

Using the Central Vacuum System is easy. Simply raise the inlet valve lid, insert the hose end and attach the desired cleaning tool to the hose wand. The Power Unit is activated when the hose is inserted into the valve.

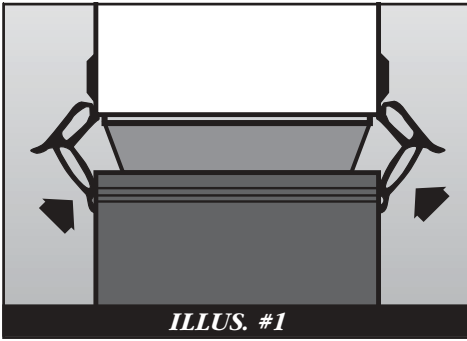
### Emptying the Dirt Canister & Replacing The Filter Cartridge

The dirt canister – where the vacuumed dirt is deposited – is the removable lower portion of the power unit. The canister needs to be removed and emptied when it is 1/2 - 2/3 full. The filter cartridge should be replaced once a year.

When the dirt canister is removed the Cyclonic Cone will be visible. The cone is designed to stay attached to the body of the power unit when the dirt canister is removed. The cone is removable to allow access to the replaceable pleated filter. To replace the cone, follow the steps listed under replacing the filter.

# Dirt Devil® Filtered Cyclonic

# MODELS: Pro Series 390, 60



**ILLUS. #1**

**Follow these steps to empty the dirt canister** (refer to Illustration #1)

**Make sure the Power Unit is OFF.**

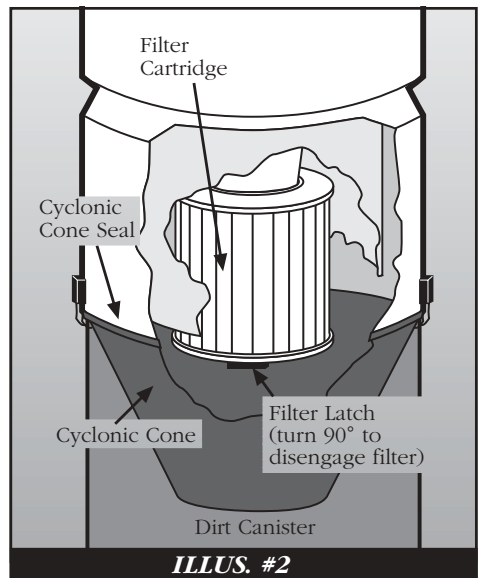
- 1) Disengage the canister latches located on opposite sides of the power unit.
- 2) Remove the dirt canister.
- 3) Dispose of canister contents in trash receptacle.
- 4) Raise the empty dirt canister to the proper location under the power unit and engage the latches.
- 5) Be certain the dirt canister and the cyclonic cone seal are “seated” properly to the body of the unit.

**Follow these steps to replace the filter cartridge** (refer to Illustration #2)

**Make sure the Power Unit is OFF.**

- 1) Unlatch and remove the Dirt Canister.

- 2) Remove the cyclonic cone by pulling down on it. Place cone in dirt canister.
- 3) Remove the pleated filter by turning the filter latch 90° (counter-clockwise) to disengage the filter. (The filter latch is located at the bottom of the pleated filter)
- 4) Insert new pleated filter (p/n 8106-01) and engage filter latch (by rotating it 90° clockwise until you feel it snap in place).
- 5) Raise the dirt canister (with cone inside) to the proper location under the power unit and engage the latches.
- 6) Be certain the dirt canister and cyclonic cone seal are “seated” properly to the body of the unit.



**ILLUS. #2**

# 90 & 990

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## General Power Unit Maintenance

The simple care and maintenance instructions included here will help ensure trouble-free use of the central vacuum system.

- Do not place objects on top of the power unit. The motor could overheat.
- Do not allow the motor to remain “on” unless a hose is connected or an inlet valve is open. If airflow is not permitted to flow through fan blades, motor damage may occur.
- Do not operate without a filter in place.
- Empty the dirt canister when it is 1/2 - 2/3 full.
- Change the filter cartridge once a year.
- The power unit does not require any lubrication.
- The exterior of the power unit can be wiped with a clean, dry cloth. Do not use liquid cleaners or water as an electrical shock may occur.
- For additional service contact a qualified service person.

## Troubleshooting the System

### Motor Fails to Turn On:

- Check the main fuse or circuit breaker at the main power supply panel of your home. Reset breaker or replace fuses if necessary.
- Check the Power unit reset button located above the power cord. Pressing the button should restore operation.
- If the circuit protector continues to trip off after a short period of time, the motor brushes may be worn out. Call a qualified service person for service.

### Loss of Vacuum

If the system shows a loss of vacuum power, check the following:

- The dirt receptacle and filter may need cleaned – follow instructions in this guide.
- The hose may be clogged – To check if there is an obstruction, unplug the hose and insert an object that is smaller than the diameter of the hose (A butter knife works well). Pass the object completely through the hose, if it stops that will indicate where the obstruction is located. A dry garden hose can be inserted into the hose to help push obstruction through.

# Dirt Devil® Models Pro Series 390, 690 & 990

# OPERATING INSTRUCTIONS

IMPORTANT INFORMATION FOR CENTRAL VAC OWNERS

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## IMPORTANT SAFETY INSTRUCTIONS

*READ ALL INSTRUCTIONS BEFORE USING THIS VACUUM SYSTEM*

*When using an electrical appliance, basic precautions should always be followed, including the following:*

### WARNING

*To reduce the risk of fire, electric shock or injury:*

- Unplug and disconnect power before servicing.
- Do not use on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle system or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked. Keep openings free of dust, lint, hair, and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Connect to a properly grounded outlet. See grounding instructions.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- **Do not place or store anything on top of power unit – overheating of motor could occur.**
- **Do not use without filter in place.**

## SAVE THESE INSTRUCTIONS

*INTENDED FOR HOUSEHOLD AND LIGHT COMMERCIAL USE.*

*Do not vent into a wall, a ceiling, or concealed space of a building or structure.*

*Connect to a properly grounded outlet only.*

## GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

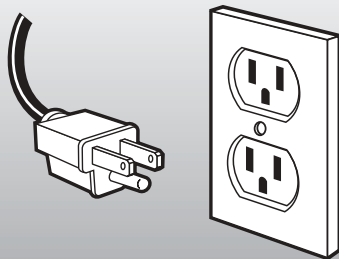
## WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

The Pro Series 390, 690 & 990 appliances are for use on a nominal 120 volt circuit and has a grounding plug that looks like the plug illustrated in Fig. A.

Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

**FIG. A**



**GROUNDING METHOD**

## WARNING:

**ELECTRIC SHOCK  
COULD OCCUR IF  
USED ON WET  
SURFACES.**



## CAUTION:

**DO NOT USE ON WET  
RUG OR FLOOR.**

# **Dirt Devil® MODELS Pro Series 390, 690 & 990 Warranty**

All Permanently installed components of the Dirt Devil® Built-In Central Vacuum System are warranted to be free from defects in material and workmanship under normal use and care as long as the original consumer purchaser owns the home of original installation or until the power unit is removed from its original installation, whichever occurs first.

In the event of a defect in permanently installed components of the Dirt Devil® System, an authorized dealer should be contacted. Repaired or replacement parts (at our option) will be provided to you for any items under warranty. Filter cartridges are not covered under warranty and should be replaced yearly.

## **Attachments**

Dirt Devil® cleaning attachments including: turbine power brushes, non-electric hoses, wands, tools and tool caddies are warranted to be free from defects in material and workmanship under normal use and care for three (3) years from original date of consumer purchase. Electric power brushes and hoses, are warranted to be free from defects in material and workmanship under normal use and care for one (1) year from original date of consumer purchase. In the event of a defect in a Dirt Devil® attachment, a repaired or replacement (at our option) part will be provided to you for any item(s) under warranty. There is no warranty for consumable items such as light bulbs, belts and beater brushes.

## **Limitations of Warranty**

The lifetime warranty begins on the date of the original purchase of the unit. This warranty specifically excludes and there is no warranty on original or replacement filter cartridges and further excludes any damage due to shipping and handling or damage due to installation, or faulty installation.

In order to obtain coverage under this warranty, an owner must provide proof of purchase or have registered the Dirt Devil® Central Vacuum Power Unit at 1-800-822-8356 or online at [cvacregistration.com](http://cvacregistration.com), or by completing and mailing the warranty registration card. In addition, to recover under this warranty, an owner must have provided normal care and maintenance for the unit including, but not limited to, replacing the filter cartridge as needed and recommended by the Instruction Manual.

THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR THIS PRODUCT. ALL OTHER WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. THIS WARRANTY COVERS ONLY THE LIABILITY AND RESPONSIBILITY DESCRIBED HEREIN, WHICH IS REPAIR OR REPLACEMENT, AND THERE IS NO LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES ARISING FROM THE USE OF THIS PRODUCT OR THE FAILURE OF THIS PRODUCT.