

Powr-Flite®

OPERATOR'S MANUAL

Comfort Pro Backpack Vacuum BP6-BP10 Series



6 Quart



10 Quart

WARNING: OPERATOR MUST READ AND UNDERSTAND THIS MANUAL COMPLETELY BEFORE OPERATING THIS EQUIPMENT.

Save These Instructions

NOTES

Model Number: _____

Serial Number: _____

Date of Purchase: _____

Retain this manual as a permanent record of your purchase.

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PROTECT THE ENVIROMENT
Please dispose of packaging materials in an enviromentally safe way according to local waste disposal regulations.

Always remember to recycle.

INTRODUCTION

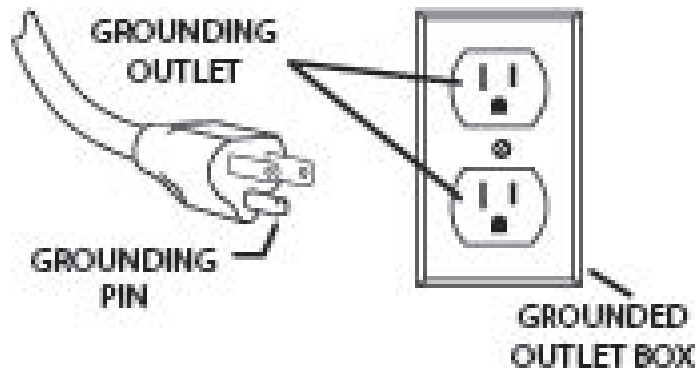
Check the carton for shipping damage. Carefully unpack and inspect your new Powr-Flite vacuum for shipping damage. Each unit is tested and thoroughly inspected prior to shipping. If damage is discovered, immediately notify the transportation company that delivered your machine and request an inspection. As a manufacturer, we are unable to act upon any claim for concealed damage; you must originate the claim. Be sure to keep the carton, packing inserts, packing lists, and carrier's receipt until the inspector has verified your claim.

GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk electric shock. This machine is equipped with a cord having an equipment -grounding conductor and grounding plug. The plug must be inserted 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.

This appliance is for use on a nominal 115-volt circuit, and has a grounding plug that looks like the plug illustrated in sketch A.



A

MANUAL

This manual has important information for the use and safe operation of the Comfort Pro. Read this manual carefully before starting the machine. Keep the manual available at all times and instruct all operators to read this manual.

IMPORTANT SAFETY INSTRUCTIONS

Save These Instructions



WARNING! Read all instructions before using. Save These Instructions.

Following the cleaning instructions will prolong the life of your Powr-Flite vacuum.

When using an electrical appliance, basic precautions should always be followed.

1. Use only as instructed in this manual. Use only the recommended attachments and replacement parts.
2. Do not leave vacuum cleaner plugged in when not in use. Unplug vacuum before servicing.
3. Do not use outdoors or on wet surfaces.
4. Do not use to pick up liquids. This vacuum is for Dry Pickup only.
5. If the unit is not working as it should, has been dropped, damaged, left outdoors, or exposed to water, return it to a service center before using.
6. Do not vacuum up hard or sharp objects, as they may damage the hose, vacuum bag or the vacuum motor.
7. Do not use without paper vacuum bag, cloth bag and all filters in place.
8. Do not operate the vacuum while it is standing on high-pile carpet. The exhaust airflow is restricted and will cause the unit to overheat.
9. Do not use with damaged cord or plug.
10. Do not kink or twist the power cord.
11. Do not pull or carry by the cord, use the cord as a handle, close a door on cord, or pull cord around sharp edges or corner. Do not run vacuum cleaner over cord. Keep cord away from heated surfaces.
12. Do not pull on the cord to unplug. Grasp and pull the plug, not the cord. Turn off the vacuum before unplugging.
13. Do not handle the cord, plug, switch or vacuum with wet hands.
14. Do not use outlets with inadequate current capacity.
15. Do not use an extension cord with this vacuum.
16. Do not put any objects into openings. Do not use with any opening blocked. Keep free of dust, lint, hair and anything that might reduce airflow.
17. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
18. Use with extra care when cleaning stairs.
19. Do not vacuum flammable or combustible materials or anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
20. Do not use with dust bag not in place.
21. Sparks inside the motor can ignite flammable vapors or dust. To reduce the risk of fire or explosion, do not use near combustible liquids, gases, or dusts, such as gasoline or other fuels, lighter fluid, cleaners, oil-based paints, or natural gas.
22. To reduce the risk of inhaling toxic vapors do not vacuum or use near toxic or hazardous materials.
23. Keep children and unauthorized persons away from the vacuum when in use.
24. This machine is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
25. Do not attempt to service the vacuum yourself. Repair by anyone other than an authorized repair service center may void the warranty.
26. Store the vacuum indoors in a cool, dry area.
27. Always store the vacuum in cool, dry place.

BP6S/BP10S TECHNICAL SPECIFICATIONS

MODEL	COMFORT PRO 6	COMFORT PRO 10
ITEM#	BP6S	BP10S
BODY	High Density Polyethylene	High Density Polyethylene
DIMENSIONS (L X W X H)	10 in x 12.5 in x 26.5 in 25.4 cm x 31.8 cm x 67.3 cm	13" x 11.5" x 26.5" 33 cm x 29.2 cm x 67.3 cm
MACHINE WEIGHT (LBS. / KG)	8.62 lbs. / 3.22 kg	9.62 lbs. / 4.3636 kg
HARNESS WEIGHT (LBS. / KG)	3.2 lbs. / 1.45 kg	3.2 lbs. / 1.45 kg
CORD LENGTH / TYPE	50 ft. / 15 m, direct plug	50 ft. / 15 m, direct plug
CAPACITY (QUARTS / LITERS)	6 qt. / 5.69 l	10 qt. / 9.46 l
FILTRATION	5 stage HEPA	5 stage HEPA
WATERLIFT	110 in. / 279 cm	110 in. / 279 cm
CFM /CMM	130 cfm / 3.68 cmm	130 cfm / 3.68 cmm
CLEANING PRODUCTIVITY	7,407 sq. feet per hour 688 sq. meters per hour	7,407 sq. feet per hour 688 sq. meters per hour
SOUND LEVEL	62 dBA	62 dBA
VACUUM MOTOR	1200 W / 10 Amp	1200 W / 10 Amp
POWER	120V / 60Hz	120V / 60Hz
APPROVALS	CRI Gold Level Approved	CRI Gold Level Approved



Specifications and parts are subject to change without notice.

BP6P/BP10P TECHNICAL SPECIFICATIONS

MODEL	COMFORT PRO 6 PREMIUM	COMFORT PRO 10 PREMIUM
ITEM#	BP6P	BP10P
BODY	High Density Polyethylene	High Density Polyethylene
DIMENSIONS (L X W X H)	10 in x 12.5 in x 26.5 in 25.4 cm x 31.8 cm x 67.3 cm	13" x 11.5" x 26.5" 33 cm x 29.2 cm x 67.3 cm
MACHINE WEIGHT (LBS. / KG)	8.75 lbs. / 3.9689 kg	9.75 lbs. / 4.4225 kg
HARNESS WEIGHT (LBS. / KG)	3.2 lbs. / 1.45 kg	3.2 lbs. / 1.45 kg
CORD LENGTH / TYPE	50 ft. / 15 m, direct plug	50 ft. / 15 m, direct plug
CAPACITY (QUARTS / LITERS)	6 qt. / 5.69 l	10 qt. / 9.46 l
FILTRATION	5 stage HEPA	5 stage HEPA
WATERLIFT	110 in. / 279 cm	110 in. / 279 cm
CFM /CMM	130 cfm / 3.68 cmm	130 cfm / 3.68 cmm
CLEANING PRODUCTIVITY	7,407 sq. feet per hour 688 sq. meters per hour	7,407 sq. feet per hour 688 sq. meters per hour
SOUND LEVEL	62 dBa	62 dBa
VACUUM MOTOR	1200 W / 10 Amp	1200 W / 10 Amp
POWER	120V / 60Hz	120V / 60Hz
APPROVALS	CRI Gold Level Approved	CRI Gold Level Approved

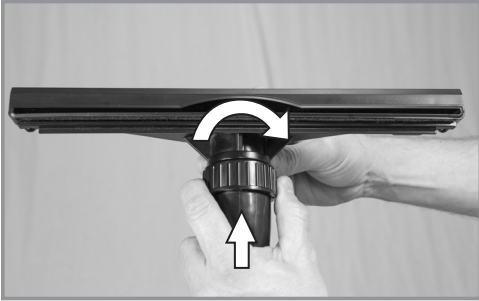


Specifications and parts are subject to change without notice.

OPERATING INSTRUCTIONS

Please read the following instructions carefully. They will help to get the best performance from this professional commercial vacuum cleaner and to maintain it in optimum condition. Always make sure the main power of the vacuum is off and the unit is not plugged in when doing any maintenance on the vacuum.

Attaching Tools



Install the floor tool to the end of the wand. Align the brass ring (Part number J1010) with the groove on the floor tool to ensure a secure fit.

To properly attach one-bend adapter (#J1007) to the single bend telescopic wand:

Install the adapter on the wand with the line pointing to the center of the notches on the wand.

Install floor tool onto adapter and tighten plastic nut to secure.

You may also view the procedure at the link below.

https://www.youtube.com/watch?v=xY_2ghy-IVY

Preparing To Vacuum

1. Remove vacuum hose from top of unit. (Fig. 1)
2. Release the two latches and lift off lid. (Fig. 2)
3. Ensure Micro Cloth bag is fully seated on Comfort Pro tank housing. (Fig. 3)
4. Fold the bottom 2" of the paper bag or HEPA filter bag up and hold into place. (Fig. 4)
5. Insert paper bag or HEPA filter bag inside of micro cloth bag. (Fig.5)
6. Squeeze bag just below the cardboard collar and drop onto rubber gasket. (Fig. 6)



OPERATING INSTRUCTIONS

7. Ensure that white bag is not protruding under cardboard collar. (Fig. 7)



7.

8. NOTE: Cardboard must be properly seated inside gasket groove. Cardboard will be flush with gasket. (Fig. 8)



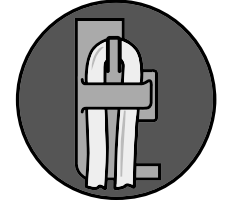
8.

9. Replace lid, lock down the two latches and install hose. (Fig. 9).




9.

10. Ensure the extension cord is wrapped around the cord retainer on the harness with 6 inches of cord from the retainer to the end of the plug. (Fig. 10)



10.

 **WARNING:** Always use the cord retainer. There is a risk of electrical shock/damage to the backpack vacuum if cord retainer is not used. (Fig. 10)

11. Then plug the extension cord to the plug receptacle.



11.

12. Store the power cord on the cord hook located on the harness after each use. (Fig. 11)

 **WARNING:** Always unplug machine before cleaning, or making any adjustments or repairs.

The backpack vacuum has four levels of filtration: the paper vacuum bag, a micro cloth filter, a pre-motor filter and an exhaust filter. These bags and filters capture fine dust particles and protect the motor from dirt. It is important to replace the paper bag when it is no more than 1/2 full and to clean the filters on a regular schedule and replace as necessary.



A.

Paper Vacuum Bag

1. Remove paper bag. Insert a new paper bag into the cloth bag, making sure the cardboard disk is centered on the flexible sealing ring. When you replace the lid, the short nozzle in the center of the lid will be closed over the central hole of the cardboard disk of the paper vacuum bag providing a seal. (Fig. A)



B.

2. Replace the lid. Fasten latches and replace hose. (Figs. C-D)

Micro Cloth Filter

After each use, the cloth filter bag should be inspected.

3. Remove the micro cloth bag, clean and replace. (Fig. B)



C.

4. Replace paper vacuum bag and lid. Fasten latches and insert hose. (Figs. C-D)



D.

OPERATING INSTRUCTIONS

Pre-Motor Filter

The pre-motor filter is located under the micro cloth filter. Inspect after each use. The filter can be washed using cold water and no detergent. Lay flat to dry. Replace every 6 months.

5. Remove the lid, the paper vacuum bag, and the cloth bag to expose the pre-motor filter.

6. Remove the foam pre-motor filter from the dust compartment, clean and replace. If filter is extremely dirty, rinse out and air dry before replacing back into vacuum. (Fig. E)

7. Reinstall the cloth bag, the paper vacuum bag and replace the lid, fasten latches and insert the hose. (Figs. C-D)

E.



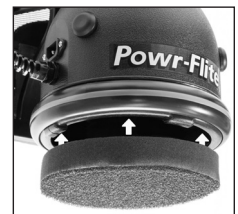
Exhaust Filter

The exhaust filter is an easy-access washable, reusable post-motor filter located on the bottom of the vacuum. For average use of the vacuum, remove and clean the exhaust motor filter every 3 months. The filter can be rinsed using cold water and no detergent. Lay flat to dry. Replace once a year.

8. Remove the foam post motor filter, clean and replace.

9. Reinstall the filter at the bottom of the vacuum. (Fig. F)

F.



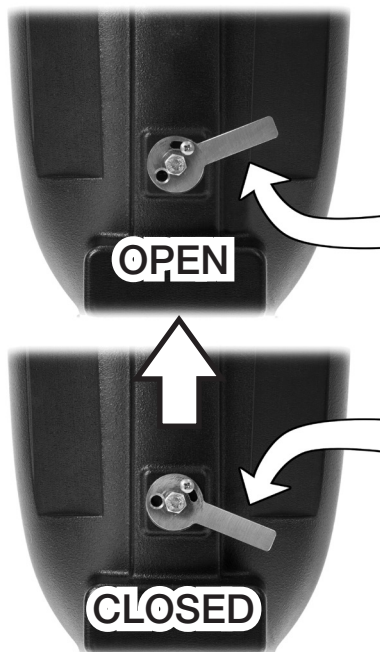
Active Cooling (Premium Model)

To turn Active Cooling on, raise silver metal bar.

Warm air will be pulled into machine and circulate cooler air through mesh on Deuter harness.

Active Cooling can be turned off by lowering silver metal bar.

Active Cooling can stay open all the time.



OPERATING INSTRUCTIONS

Wearing the Backpack Vacuum

The backpack is designed to balance the weight of the vacuum on the hips, not the shoulders.

1. Adjust the Vari-Quick height adjuster to your back length.
2. Loosen all of the straps and place the vacuum on your back.



3. Place the hip belt over your hip and connect the buckle. Your hip bones should be centered between the top and bottom of the belt. Pull the straps forward to tighten the hip belt. (Fig. 1)

4. Pull down the shoulder straps to tighten the backpack on your shoulders. (Fig. 2) Do not tighten too tight. The main weight of the vacuum should be on the hip belt. The anchor points of the shoulder straps should ideally be between the shoulder blades. Adjust the Vari-Quick height adjuster if necessary to properly place the vacuum to your back length.

5. Adjust the sternum strap on a comfortable part of your chest and close the strap. (Fig. 3)

6. Loosen or tighten the stabilizer straps as needed, to fit your back. (Fig. 4)

7. Do final adjustments on the shoulder and stabilizer straps as needed to balance the weight of the vacuum on the hips.



MAINTENANCE

Routine maintenance can significantly increase the life of your backpack vacuum. The applications and amount of use varies, so the recommendations listed below are for average-to-high volume use. Constant operation may require additional maintenance.

Before Each Use

1. Inspect power cord for fraying, cuts or damage; do not use if damaged.
2. Verify that paper vacuum bag is installed.
3. Place the hip belt over your hip and connect the buckle. Your hip bones should be centered between the top and bottom of the belt. Pull the straps forward to tighten the hip belt.
4. Pull down the shoulder straps to tighten the backpack on your shoulders. Do not tighten too tight. The main weight of the vacuum should be on the hip belt. The anchor points of the shoulder straps should ideally be between the shoulder blades. Adjust the Vari-Quick height adjuster if necessary to properly place the vacuum to your back length.
5. Adjust the sternum strap on a comfortable part of your chest and close the strap.
6. Loosen or tighten the stabilizer straps as needed, to fit your back.
7. Do final adjustments on the shoulder and stabilizer straps as needed to balance the weight of the vacuum on the hips.

After Each Use

1. Unplug cord from wall outlet by pulling on the plug - not the cord.
2. Lay plug on ground.
3. Start at machine and loosely wrap (loop) power cord.
4. Secure the end of the power cord to itself using latch on the plug of the power cord.
5. Hang cord on cord hook.



Periodic Maintenance

1. Inspect all electrical connections.
2. Check the power cord for any breaks, fraying, separations, or cuts.
3. Make sure the ground pin or grounding prong is intact.

REPLACEMENT / ACCESORIES

MODEL	BP6S & BP6P	BP10S & BP10P
MICRO HEPA FILTER BAG (10 PK)	X9739	X9737
CLOSED MOUTH PAPER BAG (10 PK)	X9735	X9736
OPEN MOUTH PAPER BAG (10 PK)	X9737	X9738
MICRO CLOTH BAG	X9679	X9692
INLET FILTER	X9683	X9683
EXHAUST FILTER	X9682	X9682
50' POWER CORD	X9714	X9714

TROUBLESHOOTING

If the vacuum will not turn on:

1. Make sure the power cord is firmly connected to the unit and is in good condition.
2. Check sure the power cord is firmly seated in the wall outlet.
3. Check to see if the building circuit breaker is tripped. If circuit is overloaded, move the unit to another circuit.

The backpack vacuum has been fitted with a thermal overload switch to protect the motor against damage should the airflow be blocked for extended periods. This may occur if the vacuum bag is overfull, the micro cloth bag is clogged, or if the vacuum hose or exhaust is blocked. The vacuum motor will stop before it can get too hot. If this happens, empty and thoroughly clean the vacuum bag and filters, or free any blockage and ensure that adequate airflow is restored. After the motor has cooled to a safe operating temperature, locate the thermal reset switch on the bottom of the unit, under the post motor filter and push it back in. There will be a slight audible click. Now the motor will restart.

You may also view the procedure at the link below.

<https://www.youtube.com/watch?v=dGaofNzwJSU>



For warranty information go to www.Powr-Flite.com

Powr-Flite[®]

A Tacony Company

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