

OPERATION AND MAINTENANCE

Open the wall inlet cover and insert the end of the hose into the inlet to turn on the vacuum.

For non-switched hoses, inserting the hose automatically turns on the power unit; removing the hose shuts off the power unit. Some hoses have switches which can be used to activate power unit. The ON/OFF switch located on the power unit needs to be kept in the OFF position.

As you vacuum, dirt and dust are carried to the power unit where they remain in a bag or in the debris pail (according to the power unit model).

Use the cleaning tools as you would for any other vacuum cleaner. Avoid picking up very large debris or lengthy as these kinds of objects may become lodged in the hose or tubing.

WHEN TO CHANGE BAG* OR EMPTY DEBRIS PAIL

With a 6 U.S. gallons (22.7 liters) capacity, under normal conditions the bag/debris pail requires changing/emptying approximately twice a year. If the bag/debris pail is full, you will notice a reduced suction from the system. Unless this loss of suction is caused by a blockage in the system, changing the bag or emptying the debris pail will solve the problem.

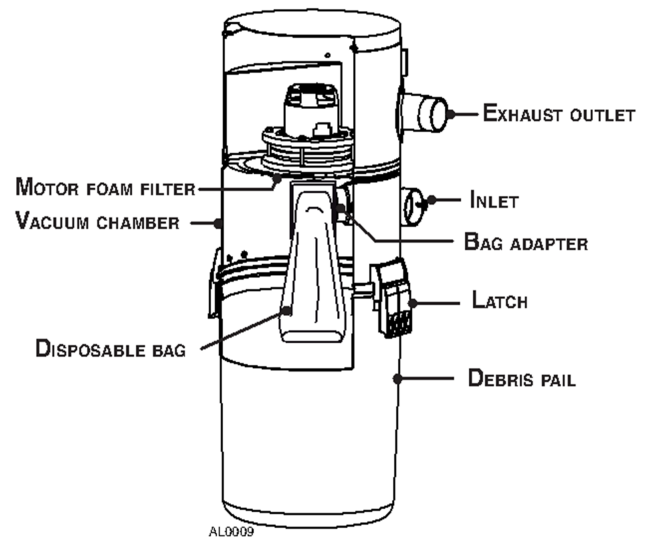
NOTE: Even if not filled to capacity, if the bag seems tightly stretched when removing the debris pail, changing the bag will prevent it from tearing.

* Only BQ1 unit is equipped with a disposable bag (391C).

HOW TO EMPTY DEBRIS PAIL (BQ2 AND BQ3 POWER UNITS ONLY)

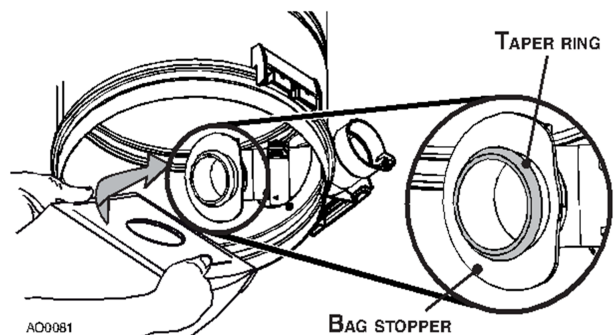
To empty the debris pail, release both latches on sides of the unit by pulling out and then pushing up. Holding the pail by the latches, lower it from unit. Carry pail to trash receptacle and dispose of debris. Put the pail back in its place.

BQ1 POWER UNIT DETAILED VIEW



DISPOSABLE BAG REPLACEMENT (BQ1 POWER UNIT ONLY)

- 1 To remove the disposable bag, release both latches on sides of the unit by pulling out and then pushing up. Remove the pail from unit. Grasp the edges of the bag collar and pull down. The bag will slide off easily. Do not pull on the bag.
- 2 Unfold the new bag.
- 3 Grasp collar where indicated on the new bag and insert over bag adapter. Be careful not to tear the bag. Ensure the collar is positioned between the taper ring and the bag stopper on the bag adapter (see illustration below). Put the pail back in its place.



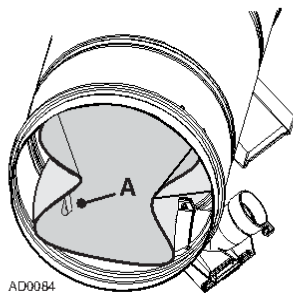
OPERATION AND MAINTENANCE (CONT'D)

PERMANENT FILTER (BQ2 AND BQ3 POWER UNITS ONLY)

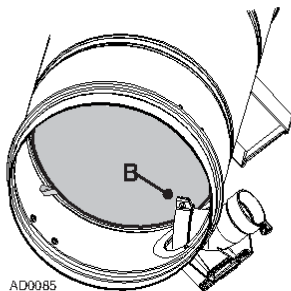
This filter protects the motor and stops small particles from escaping to the outside of the power unit without the need to replace it. The filter cleans itself by moving up when the power unit starts, and dropping down when the unit is turned off. Under normal use, there is no need to maintain this filter. It is possible to remove it to inspect the motor foam filter, or to replace it if ever it has been damaged (by sharp debris, for example).

REMOVAL AND INSTALLATION OF PERMANENT FILTER (BQ2 AND BQ3 POWER UNITS ONLY)

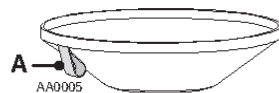
- 1 Remove the pail from unit.
To remove the permanent filter, use pull tab (A) located on edge of filter to pull and loosen filter from inlet chamber wall. Squeeze from both sides of the filter to the center of the housing. Then, carefully remove it from the unit.



- 2 Squeeze the filter in order to move it past the inlet opening (B). Let the filter bear against the unit wall by releasing the pressure. Make sure to place the rigid ring in its groove to ensure proper sealing.



NOTE: Make sure the filter is installed so that the pull tab (A) is accessible for future filter removal.



CAUTION

Be sure to reinstall filter properly. Appropriate location is critical to insure proper protection of the motor.

MOTOR FOAM FILTER (ALL UNITS)

A motor foam safety filter, located at the top of the vacuum chamber provides protection against dirt being pulled into the motor if the disposable bag or permanent filter should accidentally be torn. This filter should be checked and cleaned if necessary when replacement bag is installed (BQ1 unit only), or when permanent filter is removed (BQ2 and BQ3 units only). Simply brush filter clean. If the filter is excessively soiled, hand wash in a water and mild detergent solution and let it dry **completely** on a flat surface before reinstalling.

CAUTION

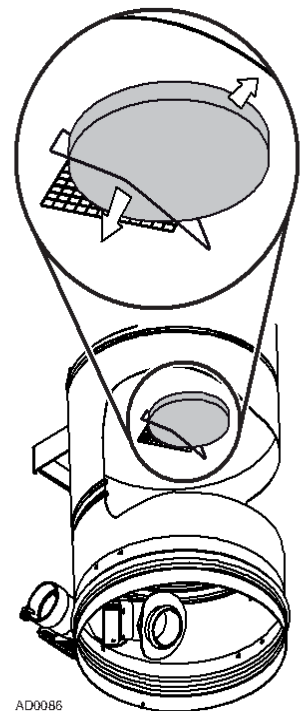
Operating the power unit without the motor foam filter will void the warranty.

REMOVING MOTOR FOAM FILTER

Remove the debris pail and disposable bag or permanent filter. Lift the center of the wire retaining the motor foam filter and slide the filter out of its location.

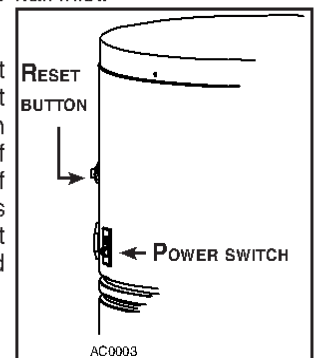
REINSTALLING MOTOR FOAM FILTER

To reinstall the motor foam filter, reverse the steps described above.

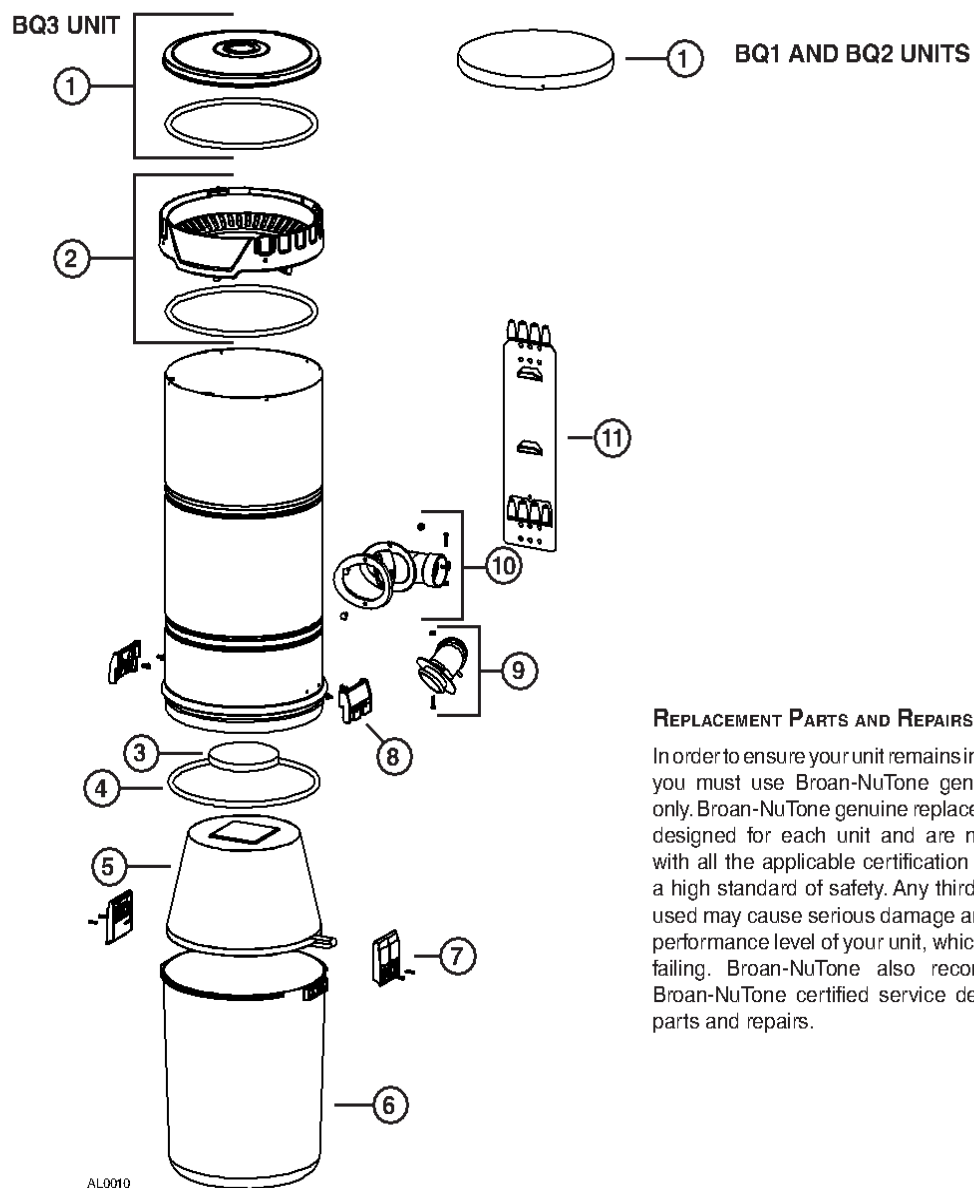


TROUBLESHOOTING GUIDE

PROBLEMS	POSSIBLE CAUSES	POSSIBLE REMEDY
1. Loss or decrease of suction occurs.	<ul style="list-style-type: none"> • Debris pail or disposable bag is completely full. • Debris pail gasket damaged or missing. • Obstruction in the hose. A blockage in the hose can be determined by inserting the hose into any wall inlet and, while power unit is running, check each additional inlet for normal suction by holding the palm of your hand over the open inlet. If normal suction is felt at all other inlets, insert the hose into a second inlet. If the blockage still exists it is located in the hose. However, if the blockage does not occur when the hose is changed, the blockage is probably located in the tubing system leading to the original inlet. • Obstruction in the tubing system inside the walls. • Permanent filter or disposable bag torn. • Wall inlet cover not properly sealed. • Exhaust tubing or vent clogged. 	<ul style="list-style-type: none"> • Change the disposable bag or empty debris pail as described on page 10. • Replace the debris pail gasket. • Disconnect the hose from the wall inlet and insert a blunt instrument into the hose — slightly smaller in diameter — such as a flexible garden hose. Push the garden hose through the cleaning system hose until the obstruction has been cleared. • Insert hose end into any inlet to make power unit running, then place the palm of your hand over the opposite end of the hose. When you can feel the suction increase, hold your hand over the hose end for a few seconds and then quickly remove your hand. This procedure repeated several times should clear the obstruction. If the blockage is not cleared, contact your nearest Service Center. • Clean the interior of the unit and install a new permanent filter (or disposable bag). • Check all wall inlet covers to be sure they are closed and sealed tightly. • Inspect and remove any blockages.
2. Power unit does not start, or stops suddenly.	<ul style="list-style-type: none"> • Defective inlet. Check other wall inlets. • Power unit internal circuit breaker has been activated (the reset button is popped up). • Blown fuse or tripped circuit breaker on house electrical panel. • Defective hose. • Power unit overcurrent protector has been activated. 	<ul style="list-style-type: none"> • Replace defective wall inlet. • Push on the circuit breaker reset button located on the left side of the power unit. If this button pops up again, contact your authorized Service Center. • Replace fuse or reset circuit breaker on house electrical panel. Ensure the circuit is DEDICATED to the central vacuum unit, meaning that there is no other electrical device connected to the central vacuum unit circuit. • Some brands of house panel breakers may be more sensitive to startup current than others (for example, Square D brand). Correct the situation by changing the breaker with an "HM" type of the same AMP rating. • Replace hose as required. • Unplug the power unit, wait at least 15 minutes and plug the power unit back in.
3. Power unit runs continuously when the hose is removed.	<ul style="list-style-type: none"> • The unit power switch is in ON position. • An electrical short has occurred somewhere in the system. 	<ul style="list-style-type: none"> • Set the unit power switch to OFF position. • Perform a complete check of all wall inlets and power unit low voltage control lead connections. Contact your authorized Service Center.



SERVICE PARTS



REPLACEMENT PARTS AND REPAIRS

In order to ensure your unit remains in good working condition, you must use Broan-NuTone genuine replacement parts only. Broan-NuTone genuine replacement parts are specially designed for each unit and are manufactured to comply with all the applicable certification standards and maintain a high standard of safety. Any third party replacement part used may cause serious damage and drastically reduce the performance level of your unit, which will result in premature failing. Broan-NuTone also recommends to contact a Broan-NuTone certified service depot for all replacement parts and repairs.

KEY NO.	PART NO.	DESCRIPTION	BQ1	BQ2	BQ3
1	S10941409	BQ3 TOP CAP ASSEMBLY (INCLUDING ITEM 4) (UPPER PART)			1
	S10941417	BQ2 TOP CAP ASSEMBLY		1	
	S10941397	BQ1 TOP CAP ASSEMBLY	1		
2	S10941398	BQ3 TOP CAP ASSEMBLY (INCLUDING ITEM 4) (LOWER PART)			1
3	S10941399	MOTOR FOAM FILTER WITH FASTENER	1	1	1
4	S10941400	GASKET	1	1	3
5	S10941401	PERMANENT FILTER		1	1
6	S99670648	DEBRIS PAIL (INCLUDING KEY NO. 7)	1	1	1
7	S10941199	LATCH AND SCREWS	2	2	2
8	S10941404	LATCH KEEPER WITH SCREWS	2	2	2
9	S10941405	BAG ADAPTER WITH NUT AND SCREW	1		
10	S10941406	INTAKE ELBOW WITH GASKET, SCREWS, AND NUTS	1	1	1
11	S30390555	UNIT SUPPORT BRACKET	1	1	1
12	391C	DISPOSABLE BAG (SET OF 3, NOT SHOWN)	1		

NOTE: Order service parts by "Part No." — not by "Key No."

WARRANTY

BROAN MODELS BQ1, BQ2 AND BQ3

BROAN-NUTONE CANADA ULC

CENTRAL VACUUM POWER UNIT LIMITED WARRANTY

Broan-NuTone Canada warrants to the original consumer purchaser that its central vacuum power unit will be free from defects in materials and workmanship for five (5) years for BQ1 units, eight (8) years for BQ2 units and ten (10) years for BQ3 units. The first year of this warranty covers the parts and labor in an authorized service center. After the first year, the parts only will be covered under this warranty. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

During these time periods, Broan-NuTone Canada will, at its option, repair or replace the power unit or part without charge, which is found to be defective under normal use and service. THIS WARRANTY DOES NOT APPLY TO THE INSTALLATION OR THE PARTS USED IN THE INSTALLED TUBING SYSTEM. All central vacuum hoses, electric or air-driven brushes, filters, attachments and accessories are warranted for one (1) year from the original purchase date with the exception to consumables such as light bulbs and belts. We invite you to register your product on line at www.broan.ca. Broan-NuTone Canada reserves the right to limit this warranty if the product is not registered.

This warranty does not cover (a) normal maintenance and service or (b) any products or parts which have been subject to misuse, negligence, accident, improper maintenance or repair (other than by Broan-NuTone Canada or an authorized representative), faulty installation or installation contrary to recommended installation instructions.

The duration of any implied warranty is limited to the period as specified for the express warranty.

BROAN-NUTONE CANADA'S OBLIGATION TO REPAIR OR REPLACE, AT BROAN-NUTONE CANADA'S OPTION, SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. BROAN-NUTONE CANADA SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE. Please do not return your unit to place of purchase. Please visit www.broan.ca for your closest service center. You may also call 1-888-882-7626 for the name of an authorized representative in your area. This warranty supersedes all prior warranties.

Warranty service is to be completed by an authorized Service Center designated by Broan-NuTone Canada. Where applicable, in home service will be made available only in areas where a contracted service provider offers service (during the first year only). If in home service is not available, the product will be repaired or replaced, at Broan-NuTone Canada's discretion, by the nearest authorized service provider. The unit removal and reinstallation works are under the customer responsibility, and Broan-NuTone Canada cannot be charged for them.

To qualify for warranty service, you must notify Broan-NuTone Canada at the address or telephone number stated below. We will then forward you the authorized service depot in your area. You will be required to present evidence of the original purchase date.

Date of Installation

Builder or Installer

Model Number and Product Description

IF YOU NEED ASSISTANCE OR SERVICE

For the location of your nearest Broan-NuTone Canada ULC dealer, dial toll free: **1-888-882-7626**

Please be prepared to provide: Product model number • Date and proof of purchase • The nature of the difficulty

Broan-NuTone Canada ULC, 1140 Tristar Drive, Mississauga, Ontario L5T 1H9

Product specifications subject to change without notice.

Printed in Canada.