



E29974



FiberCAP™ 15

15" Carpet
Cleaning Machine



Operator Manual

GENERAL SAFETY REGULATIONS

The regulations below must be carefully followed in order to avoid harm to the operator and damage to the machine.

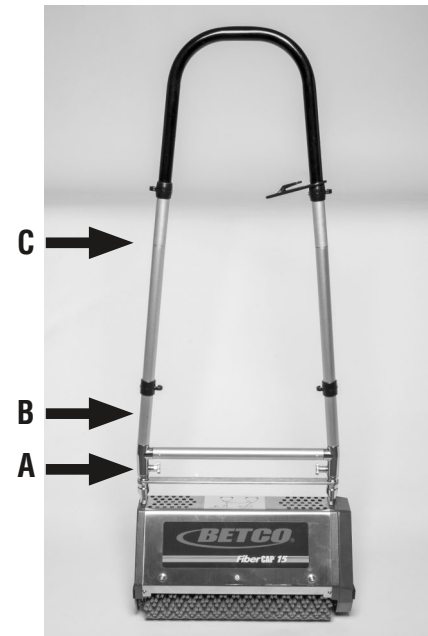
- Read all labels on the machine carefully. Do not cover them for any reason and replace them immediately if they become damaged.
- The machine must be used exclusively by authorized and trained personnel.
- When operating the machine be careful of other people.
- The power cable outlet must be provided with a proper ground.
- Avoid damaging the power cable by crushing, bending, cutting or stressing it.
- Whenever the power cable is damaged, immediately contact a BETCO service center.
- Do not set containers on the machine.
- Machine storage temperature is between -10°F and 130°F, never store outside under humid conditions.
- Operating conditions: room temperature between 33°F and 100°F with relative humidity between 30% to 95%.
- Only use the machine in closed areas and do not expose it directly to rain.
- Never use the machine in an explosive environment.
- Do not use the machine as a means of transport.
- Never use acidic chemicals which could damage the machine.
- Avoid running the brushes with the machine stopped; this could damage the floor.
- Never vacuum up flammable liquids.
- Never use the machine to gather dangerous powders.
- Use a powder fire extinguisher in case of fire. Do not use water.
- Do not hit against shelving or scaffolding. The operator must always be equipped with the appropriate safety device (gloves, shoes, helmet, glasses, etc.)
- If the machine does not work properly, perform routine maintenance. Otherwise, request the assistance of the BETCO technical service.
- When replacing parts ask for ORIGINAL spare parts from your Authorized BETCO Dealer and/or Retailer.
- Always turn off the machine and disconnect the power supply whenever maintenance is performed.
- Never use the machine without side guards or dust collection bins secured to the machine.
- **Never wash the machine with direct or pressurized jets of water or with corrosive substances.**
- Have your BETCO service center check the machine once a year.
- Before using the machine make sure that all doors and covers are positioned as shown in this operating and maintenance manual.
- When your BETCO machine is ready to be retired, the machine must be disposed of properly. It contains oils and electronic components. The machine was built using totally recyclable materials.
- Use only brushes furnished with the machine or those specified in the user's manual. Use of other brushes can compromise safety.

MACHINE PREPARATION

1. ASSEMBLING THE HANDLE

The handle assembly is comprised of four individual parts.

- A. Install the main cross bar onto the machine by pulling the finger pins outward on both sides and locking them into the handle mounts of the machine.
- B. Insert the open end of both handle uprights into the cross bar.
- C. Insert the open end of the round handle bar into each of the handle uprights.



2. SIDE SHIELDS

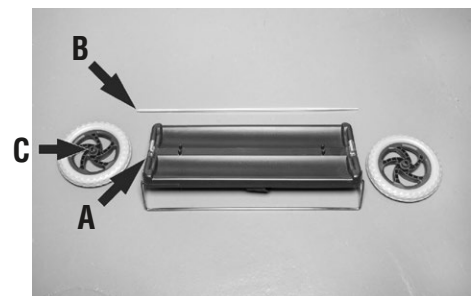
Be sure the machine is not plugged in when performing this installation.

- A. Place the open end of the teardrop hole over the mounting pins.
- B. Slide the side shield to the right until the center spring pin locks it into place.
- C. Repeat this installation on the other side of the machine.



3. ASSEMBLING THE STORAGE TRAY

- A. Insert the metal support into the two holes on both sides of the plastic storage tray.
- B. Insert the metal axle through the single hole on both sides of the plastic storage tray.
- C. Attach the wheels to each end of the axle. The metal clip on the inside hub of the wheel should lock into place on the channel at each end of the axle.



MACHINE OPERATION

1. STARTING THE MACHINE

- A. Attach the extension cord to the plug on the machine.
- B. Insert cord through strain relief holder.
- C. Plug into a grounded 110V/120V outlet.
- D. Push down the start lever on the left side of the machine. The machine will automatically start when the handle is lowered to an operating position.
- E. To turn off the machine, simply raise the handle back to a locked an upright position. The machine will automatically stop.



WARNING: Be sure to keep loose carpets and cords from passing under the machine while in operation.



2. USING THE SWEEPING FUNCTION (Dust collection bins sold separately)

To use the machine as a sweeper, simply remove the side shields from the machine and install the optional dust collection bins.

- A. Be sure the machine is unplugged from any power source.
- B. Press the center locking pin on the side shield and slide the shield to the left. Then lift the side shield from the mounting pins on the base.
- C. Place the open end of the teardrop hole on the dust collection bin over the mounting pins.
- D. Slide the dust collection bin to the right until the center spring pin locks it into place.
- E. Repeat this installation on the other side of the machine.
- F. Now the machine can be plugged in to a power supply and used to sweep loose debris from the floor.
- G. The machine can be operated in a forward and backward motion.
- H. After use, remove the dust collection bins and empty debris.
- I. Reinstall the side shields or dust collection bins before resuming use.



WARNING: Be sure to keep loose carpets and cords from passing under the machine while in operation.



MACHINE OPERATION

3. ENCAPSULATION CLEANING

Follow these steps for interim encapsulation cleaning of carpet:

- A. Start by removing large and loose debris. This can be done by installing the optional dust collection bins or with a vacuum.
- B. In a spray bottle or pump sprayer dilute the Betco® FiberCAP™ MP solution according to the directions on the bottle.



WARNING: Always wear gloves to protect yourself from contact with hazardous chemicals.



- C. Spray a light mist of solution onto the carpeted surface.
- D. If the optional dust collection bins were utilized, remove the dust collection bins on the machine and install the side shields.
- E. Turn on the machine and agitate the carpeted surface. Work in both a north-south direction as well as an east-west direction to ensure that all sides of the carpet fibers are agitated.
- F. The carpeted surface should dry in 20-30 minutes.
- G. Once dry, vacuum the carpet at the next scheduled service interval for that area.
- H. Repeat the process on a regular basis to maintain the best possible appearance of the carpet.



WARNING: Be sure to keep loose carpets and cords from passing under the machine while in operation.



USE AND MAINTENANCE TIPS

1. REMOVAL OF BRUSHES AND CLEANING THE MACHINE

After each use, the brushes should be removed and cleaned. The underside of the machine should be cleaned as well.

- A. Disconnect the power supply from the machine.
- B. Lay the machine on the floor and pull the axle out from the center of the brush on the right side of the machine.
- C. Clean the brushes with jet-powered water.
- D. Clean the underside of the machine with a hand brush or cloth.
- E. Grease between the bearing, cover, and the bearing shaft entrance using white lithium grease.
- F. To install the brushes, simply slide the axle back through the center core of the brush until it locks into place on the left side of the machine.
- G. The brushes should be replaced once the overall bristle to bristle diameter is less than 2.75”.



WARNING: Carry out all maintenance operations with the power cord unplugged from the wall outlet.



2. MACHINE LUBRICATION

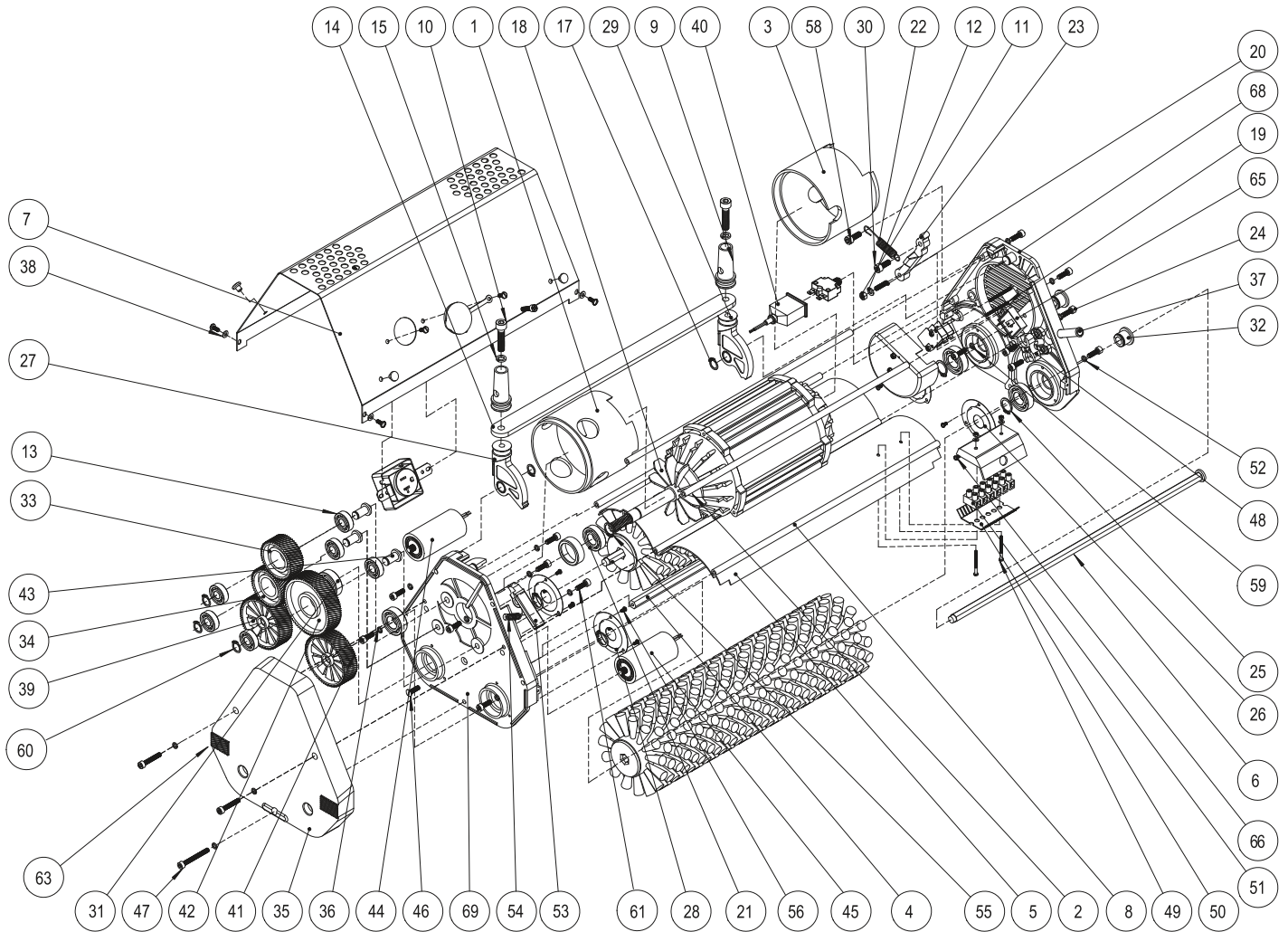
- A. Disconnect the power supply from the machine.
- B. Remove the bearing cover monthly and clean using WD40 and then dry thoroughly using compressed air.
- C. Every 3 months, remove the gear cover, clean the gears with WD40, and regrease the gears with white lithium grease.
- D. Reinstall the bearing cover and gear cover before resuming operation.

3. MOTOR SAFETY SWITCH

- A. The safety switch automatically cuts off the electricity when the motor overloads.
- B. Should this happen, disconnect the power supply, wait 30 seconds, and press the button inwards to reset the safety switch.
- C. Then reconnect the power supply and continue working.
- D. If the safety switch continually trips, cease operation and please contact your Authorized Betco Distributor or Retailer.



MACHINE DIAGRAM PARTS LISTING

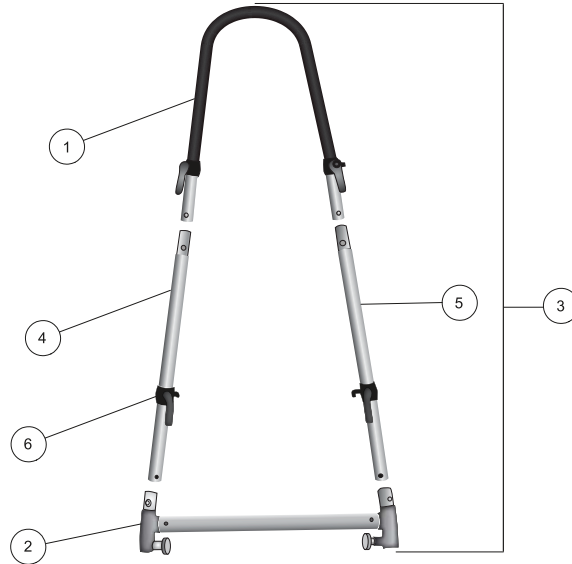


MACHINE DIAGRAM PARTS LISTING

| Item# | Part# | Description |
|-------|--------|----------------------------|
| 1 | E13190 | Spacer, Motor |
| 2 | E13191 | Motor, 1.0 HP |
| 3 | E13192 | Spacer, Motor |
| 4 | E13194 | Stud, Motor |
| 5 | E13195 | Cover, Brush |
| 6 | E13196 | Axle, Brush |
| 7 | E13197 | Cover, Motor |
| 8 | E13198 | Cover, Cable |
| 9 | E13199 | Connector, Upper Handle |
| 10 | E13203 | Screw, M8 x 25 |
| 11 | E13209 | Nut, Self-Locking, M5 |
| 12 | E13210 | Washer, M5 |
| 13 | E13211 | Bearing, 6000 |
| 14 | E13213 | Flat Bar |
| 15 | E13215 | Ring, Spring |
| 16 | E13216 | Plate, Isolation |
| 17 | E84600 | Ring, Snap |
| 18 | E84603 | Fan, Motor |
| 19 | E84605 | Screw, Worm, M3 x 44 |
| 20 | E84606 | Screw, M5 x 20 |
| 21 | E84607 | Bearing, 6002 2RZ |
| 22 | E84610 | Spring, Extension |
| 23 | E84611 | Lever, Switch |
| 24 | E84612 | Screw, M5 x 16 |
| 25 | E84613 | Ring, Retaining |
| 26 | E84614 | Protective Plate |
| 27 | E84618 | Connector, Handle, Lower G |
| 28 | E84619 | Protective Plate |
| 29 | E84620 | Connector, Handle, Lower E |
| 30 | E84621 | Screw, M6 x 16 |
| 31 | E84622 | Bearing, 6003 |
| 32 | E84623 | Flange |
| 33 | E84624 | Gear, 48, Right |
| 34 | E84625 | Gear, 48, Left |
| 35 | E84626 | Cover, Gear |

| Item# | Part# | Description |
|-------|--------|-----------------------------|
| 36 | E84627 | Washer, Lock, M5 |
| 37 | E84629 | Grommet |
| 38 | E84630 | Screw, M4 x 12 |
| 39 | E84631 | Gear, 66, Right |
| 40 | E84632 | Circuit Breaker |
| 41 | E84635 | Gear, 66, Left |
| 42 | E84636 | Gear, 73, Right |
| 43 | E84637 | Stud, Bearing |
| 44 | E84638 | Capacitor, Start, 22 MFD |
| 45 | E84639 | Capacitor, Run, 145 MFD |
| 46 | E84640 | Screw, M5 x 30 |
| 47 | E84641 | Screw, M5 x 45 |
| 48 | E84644 | Clamp, Cable |
| 49 | E84645 | Screw, M3 x 16 |
| 50 | E84646 | Plate, Wire Fixing |
| 51 | E84647 | Wire Terminal, EKL1 |
| 52 | E84650 | Washer, Lock, M4 |
| 53 | E84652 | Handle Stop |
| 54 | E84653 | Spring, Handle Stop |
| 55 | E84654 | Ring, Snap |
| 56 | E84657 | Screw, M3 x 6 |
| 57 | E84658 | Pin, Locking |
| 58 | E84664 | Screw, Pan Hd Phil, M6 x 14 |
| 59 | E84665 | Spring Ring |
| 60 | E84667 | Ring, Snap |
| 61 | E84668 | Screw, M6 x 14 |
| 62 | E84669 | Screw, M5 x 30 |
| 63 | E84681 | Bumper, Rubber |
| 64 | E84683 | Cord, Pigtail |
| 65 | E84685 | Microswitch |
| 66 | E84686 | Nut, M3 |
| 67 | E84687 | Spring Ring, M3 |
| 68 | E84691 | Housing Unit E, Complete |
| 69 | E84692 | Housing Unit G, Complete |

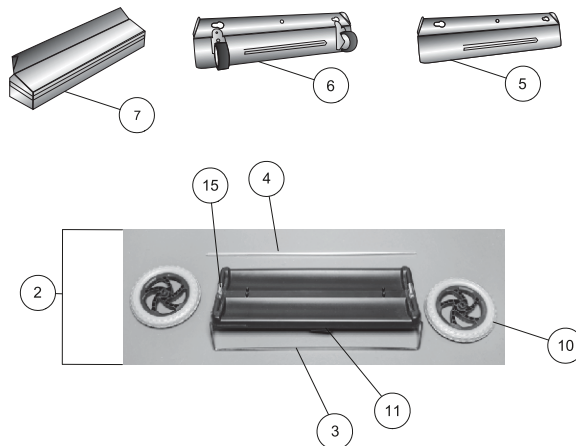
HANDLE DIAGRAM PARTS LISTING



| Item# | Part# | Description |
|-------|--------|---------------------------|
| 1 | E13200 | Handle Bar, Upper Section |
| 2 | E13201 | Handle Base Cross Bar |
| 3 | E13214 | Handle Complete |

| Item# | Part# | Description |
|-------|--------|--------------------------|
| 4 | E84670 | Handle Tube, Lower Left |
| 5 | E84671 | Handle Tube, Lower Right |
| 6 | E84677 | Hook, Cord Wrap |






ACCESSORIES DIAGRAM PARTS LISTING



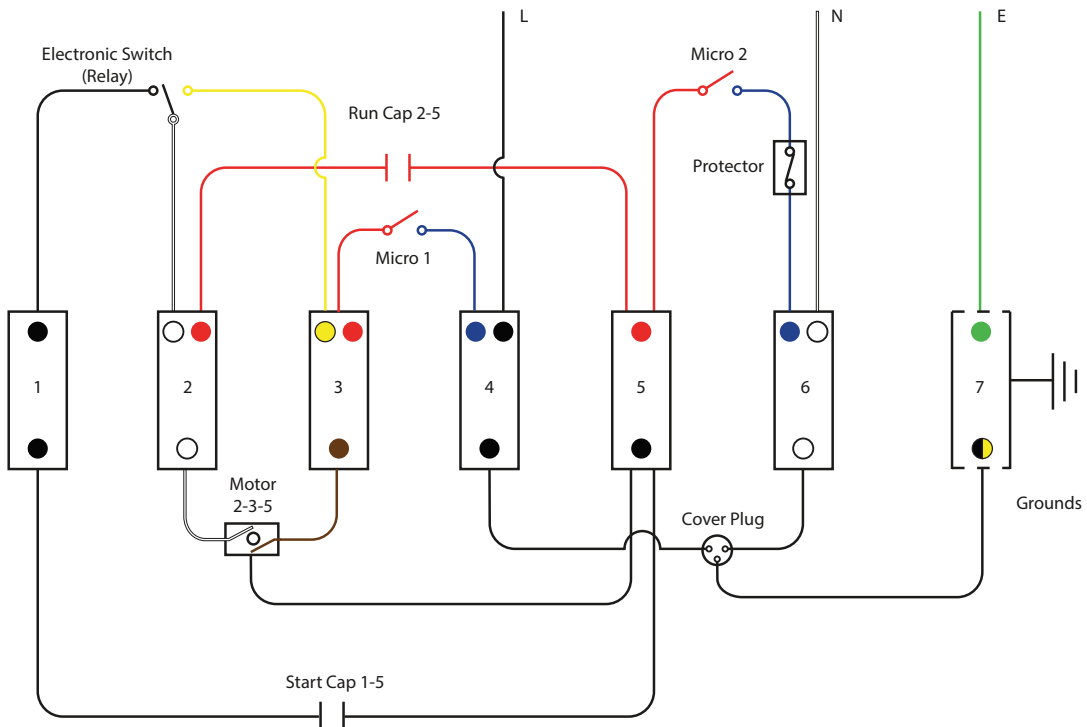
| Item# | Part# | Description |
|-------|--------|-----------------------------|
| 1 | E13189 | Tray w/ Clips |
| 2 | E13193 | Storage Trolley, Complete |
| 3 | E13204 | Support, Trolley |
| 4 | E13205 | Axle, Trolley |
| 5 | E13206 | Cover, Side, without Wheels |
| 6 | E13207 | Cover, Side, with Wheels |
| 7 | E13208 | Dust Bin, Sweeping |
| 8 | E13217 | Pins, Plastic, Trolley |

| Item# | Part# | Description |
|-------|--------|-----------------------|
| 9 | E84673 | Bolt, Dust Bin |
| 10 | E84678 | Wheel, Trolley |
| 11 | E84679 | Belt, Velcro, Trolley |
| 12 | E84680 | Cover, Wiring |
| 13 | E84682 | Cover, Wiring |
| 14 | E84690 | Cord, Extension, 50' |
| 15 | E84696 | Bracket, Trolley |

BRUSH OPTIONS

| Part Number | Description | Appearance |
|-------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------|
| E13226 | Brush, Cylindrical, 15" White, Extra Soft (Carpet) |  |
| E13227 | Brush, Cylindrical, 15" Grey, Residential (Carpet) |  |
| E13228 | Brush, Cylindrical, 15" Blue, General Purpose (Carpet) |  |
| E13229 | Brush, Cylindrical, 15" Green, Medium Duty (Hard Surface) |  |
| E13230 | Brush, Cylindrical, 15" Yellow, Heavy Duty (Hard Surface) |  |

ELECTRICAL WIRING DIAGRAM



BETCO US WARRANTY POLICY

10 year coverage

Subject to the conditions stated below, Betco warrants parts and labor on rotationally molded polyethylene tanks/ housings and injection molded vacuum head assemblies to be free from defects in materials and workmanship for a period of ten years to the original purchaser.

3 Year Coverage

Subject to the conditions stated below, Betco warrants parts and labor on all other Betco components to be free from defects in materials and workmanship for a period of three years to the original purchaser.

- Lithium Ion battery for MotoMop™ is a full 3 years

1 Year Coverage

Subject to the conditions stated below, Betco offers a limited warranty on parts and labor on the following equipment: parts and accessories to be free from defects in materials and workmanship for a period of one year to the original purchaser.

- PowerUp™ 14 Upright Vacuum: #E29990-00
- Bac Pac Lite Vacuum: #85903-00
- FiberPRO® Floor Dryer: #85507-00
- WORKMAN™ Series Vacuums: #85024-00, #85025-00, #83012-00, #85027-00
- All Tools and Accessories
- All Battery Chargers
- Deep cycle batteries are pro-rated for 1 year

Allowable Travel Time Warranty Reimbursement:

Eligible equipment: All battery and propane powered equipment products. Warranty period: 90 days from date of sale to the original purchaser. A maximum 180 mile round trip at 50 cents per mile will be allowed for warranty consideration.

Propane Machine Warranty:

Kawasaki/Subaru engines are warranted by Kawasaki/Subaru for a period of 2 years against manufacturer defects. All other components (except wear items)* are warranted by Betco for a period of 3 years.

***Wear Items exempt from Warranty consideration include but may not be limited to: power cords, transport wheels, vacuum bags, belts, squeegee blades, pad drivers, clutch plates, handle grips, filters, screens, throttle cables, brushes and carbon brushes.**

Subject to the conditions and exceptions stated in this warranty, Betco warrants the Betco products to be free from defects in material and workmanship, under normal use and service, for the periods listed under the warranty policy to the original purchaser. At any time during the warranty period, Betco will furnish replacement parts for the Betco parts to the original purchaser. Such parts will be furnished and charged including transportation costs, to the original owner through any Betco authorized Service Distributor. If the original part is returned within the warranty policy period from date of delivery for inspection by Betco and is found to be defective the owner will be credited for the cost of replacement parts plus shipping and handling. Replacement parts that have become defective through wear or abuse are not included in this warranty.

This warranty does not apply to damage or defect caused by accident, misuse, Negligence, fire, or to any Betco product which has been serviced or repaired by other than an authorized Betco Service Distributor or Betco factory personnel. This warranty is void if products are used for any purpose other than that which was intended. There are no other warranties expressed or implied. In no event shall Betco be liable for incidental or consequential damages or any damage to person or property. (Please note some states do not allow the exclusion or limitations for incidental and consequential damages).

