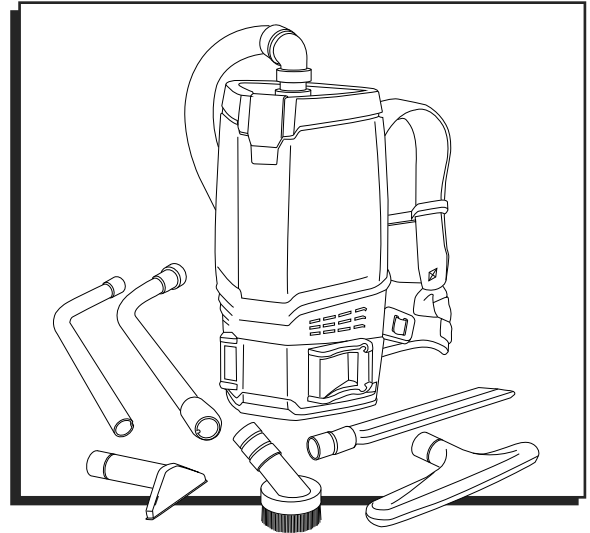


**ULINE H-12010**  
**PROTEAM® 6 QT.**  
**CORDLESS VACUUM**

1-800-295-5510  
uline.com



## SAFETY



**NOTE:** Read all instructions before using. Save these instructions. Following the cleaning instructions will prolong the life of the vacuum.

- Carefully unpack and inspect vacuum for shipping damage.
- These instructions have important information for the use and safe operation of the vacuum cleaners. Read this manual carefully before starting the machine. Keep these instructions available at all times and instruct all operators to read these instructions. If instructions are not followed, an injury may occur or equipment, furniture or other property may become damaged.

### VACUUM

- The products described in these instructions are intended for commercial use.
- When using an electrical appliance, basic precautions should always be followed, including the following.
- Use only as described in these instructions. Use only the recommended attachments, battery pack, charger and replacement parts.
- Do not use the vacuum outdoors or on wet surfaces. Do not expose to rain or water.
- Do not use or store vacuum in wet or moist conditions.
- Do not try to recover any liquid with this vacuum. This vacuum is for dry recovery only.
- Do not use a damaged vacuum. If the unit is not working as it should, or if it has been damaged, left outdoors, or exposed to water, call Uline Customer Service at 1-800-295-5510.
- This vacuum is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the vacuum by a person responsible for their safety.
- Do not allow the vacuum to be used as a toy. Pay close attention when using the vacuum near children.
- Do not handle the switch or battery pack with wet hands.
- Do not put any objects into openings. Do not use with any opening blocked; keep 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.
- Use with extra care when cleaning on stairs.
- Do not vacuum flammable or combustible materials or anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- 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.

## SAFETY CONTINUED

- To reduce the risk of inhaling toxic vapors or dust, do not vacuum or use near toxic or hazardous materials.
- Empty the Intercept Micro® Filter after every use and before storage. Some types of wood dust and debris may catch on fire if stored in the vacuum.
- Do not use without filters in place.
- Disconnect battery pack before servicing vacuum.
- Ensure the vacuum has been turned off before disconnecting the battery pack.
- Disconnect the battery pack from the vacuum before making any adjustments, changing accessories or storing appliance. Such preventive safety measures reduce the risk of starting the vacuum accidentally.
- To reduce the risk of damage to the battery's electrical connectors, the lock must be fully engaged when battery is attached to vacuum.
- Do not expose charger and battery packs to rain or other liquids; keep dry. Install charger in a safe indoor location. Indoor use only.
- Connect charging cord to a properly grounded outlet only. See grounding instructions on page 5.
- Do not leave charger plugged in when not in use.
- Do not operate charger if it has received a sharp blow, been dropped or damaged in any way.
- Do not use charger if it has a damaged cord or plug. Replace cord immediately.
- Do not carry charger by cord.
- Do not pull on charger's cord to unplug. Grasp and pull the plug, not the cord.
- Do not handle charger, including charger plug and charger terminals, with wet hands while charger is plugged in or while inserting plug into electrical outlet.
- Do not use or store vacuum or battery packs in wet or moist conditions, or near flammable or combustible materials.

### BATTERY PACK AND CHARGER

- When using an electrical appliance, basic precautions should always be followed, including the following.



**WARNING!** Read all safety warnings and instructions in the manual and on the battery pack, charger and vacuum before using this vacuum. Failure to follow the warnings and instructions may result in electric shock, fire, property damage and/or serious injury or death.

- Use only ProTeam® charger (Uline model # H-12016) and ProTeam® battery packs and (Uline model # H-12014). A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use of any other battery packs may create a risk of injury and fire.
- Do not use charger to charge non-rechargeable battery packs.



**WARNING! Hazardous Voltage – Risk of electrocution (high voltage), explosion, fire and burns.** Do not open, crush or electrically short terminals.

- When charging, ensure that the charger has at least six inches of clearance on all sides. Adequate airflow is required to cool the charger when in use.

- Do not use or store vacuum or battery packs in wet or moist conditions, or near flammable or combustible materials.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery pack or charger terminals together may cause burns or a fire.
- Do not use the battery pack in temperatures above 104°F or below 50°F.
- Charging at temperatures outside of the specified range may damage the battery pack and increase the risk of fire. Do not charge the battery pack in temperatures above 104°F or below 50°F.
- Do not store battery pack in ambient temperatures above 140°F or below 50°F.
- Do not expose battery packs to temperatures above 140°F. Never leave battery packs in automobiles on hot days, where temperatures can be much higher than the outside temperature.
- Do not store vacuum or battery pack for extended periods (one month or more) in temperatures above 90°F or below 50°F.

## SAFETY CONTINUED

- Do not use a battery pack or vacuum that is damaged or modified. Do not crush, drop, incinerate or damage the battery pack. Do not incinerate the battery pack even if it is non-working or severely damaged. The battery pack can explode in a fire. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not attempt to repair, service or modify the battery pack or charger. Contact Uline Customer Service at 1-800-295-5510 with any issues.
- Under abusive conditions, liquid may be ejected from the battery pack; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery pack may cause irritation or burns.
- Do not incinerate or expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F may cause explosion. Keep sparks and flames away from the battery pack.
- Turn off the vacuum power switch and then remove the battery pack before performing maintenance or servicing the vacuum. Unexpected actuation of the power switch while clearing jammed material, making adjustments, storing, changing accessories, performing maintenance or servicing the vacuum may result in serious personal injury.
- Observe the following warning that appears on the battery charger: "Double insulated – grounding not required".
- To reduce the risk of electric shock, this charger has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.



**WARNING!** In a double-insulated battery charger, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added. Servicing a double-insulated battery charger requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts of a double-insulated battery charger must be identical to the parts they replace. The double-insulated battery charger is marked with the words "Double Insulated" and the symbol (□) may also be marked on the vacuum.



**WARNING!** To reduce the risk of injury from electric shock, unplug power cord before servicing the electrical parts of the battery charger.



**WARNING!** All disassembly and repairs should be performed by qualified personnel.

### MOTOR

- Electric thru-flow vacuum motors must never be used in applications in which wet or moist conditions are involved, where dry chemicals or other volatile materials are present, or where airflow may be restricted or blocked. Such motors are designed to permit the vacuumed air to pass over the electrical wiring to cool it. Therefore, any liquid (including water), dry chemical or other foreign substance that would come in contact with electrical conductors could cause combustion (depending on volatility) or electrical shock. Failure to observe these precautions could result in property damage and personal injury, including death in extreme cases.



**WARNING!** This battery charger is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the battery charger by a person responsible for their safety. Children should be supervised to ensure that they do not play with the battery charger.

## SAFETY CONTINUED

### ELECTRICAL

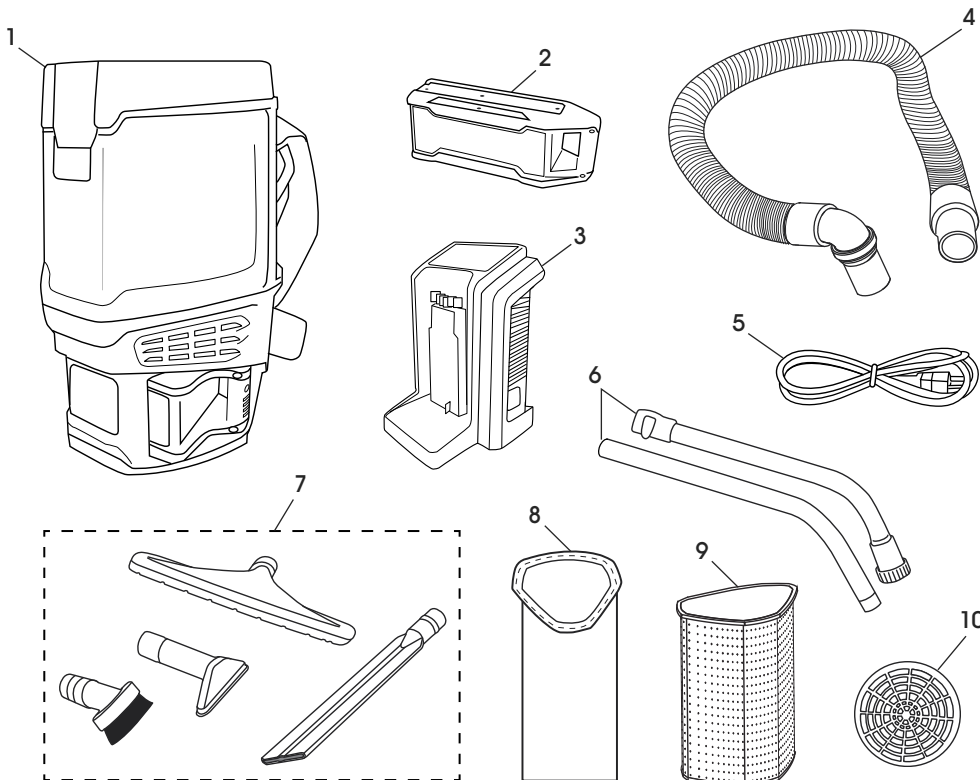
- The vacuum is supplied with the battery pack and charger. The nominal operational voltage of the backpack vacuum is 54 Volts DC. The charger is designed for a nominal input of 3.7 amps at 120 Volts AC, and an output of 5.8 amps.
- The vacuum cleaner is equipped with a thermal protection cutoff device. This integrated thermal cutoff switch will remove power from the vacuum motor in the event excessively high operating temperatures are detected. This condition may arise as the result of a blocked vacuum passage, or clogged or full filters.

- Should a thermal trip take place, immediately turn off the vacuum, remove the battery pack, and inspect for a blockage and verify the condition of the filter bag. Replace or empty the filter bag as required. The vacuum will require several minutes to cool down to a safe operating temperature. When this temperature is attained, the thermal switch will reset and the vacuum can be used in a normal manner.

### RECYCLING

- Dispose of old battery pack in an environmentally safe way according to local regulations. Contact local regulatory authorities for proper transporting and disposal instructions. It is illegal in most jurisdictions to dispose of lithium ion batteries in ordinary trash.

## PARTS



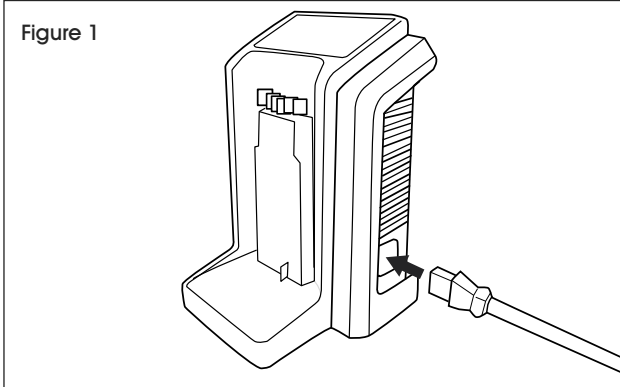
### PARTS

#	DESCRIPTION
1	Vacuum
2	Battery Pack
3	Charger
4	Hose
5	Charger Cord
6	Wand
7	Accessories
8	Intercept Micro® Filter
9	Micro Cloth Filter
10	Dome Filter


# OPERATION

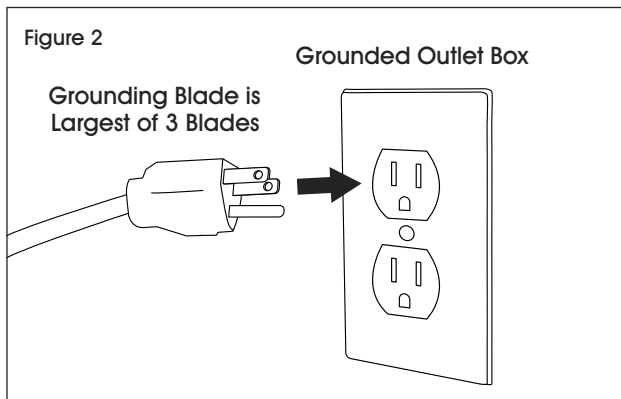
## PREPARING BATTERY PACK FOR CHARGING


1. Plug the charger's power cord into the charger. (See Figure 1)



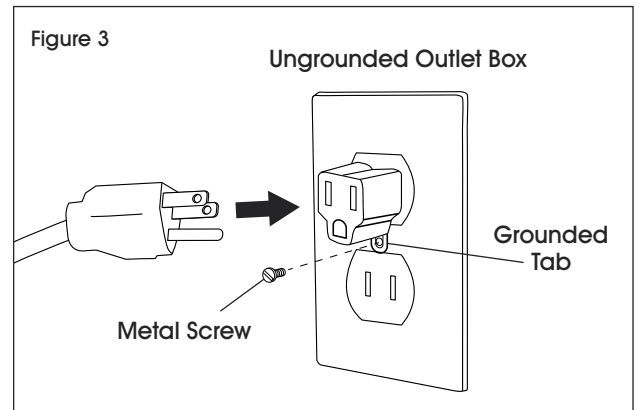
2. Plug the charger's power cord into 120V wall outlet. (See Figure 2)


 **NOTE:** This vacuum is for use on a nominal 120-volt circuit and has a grounding plug. (See Figure 2)



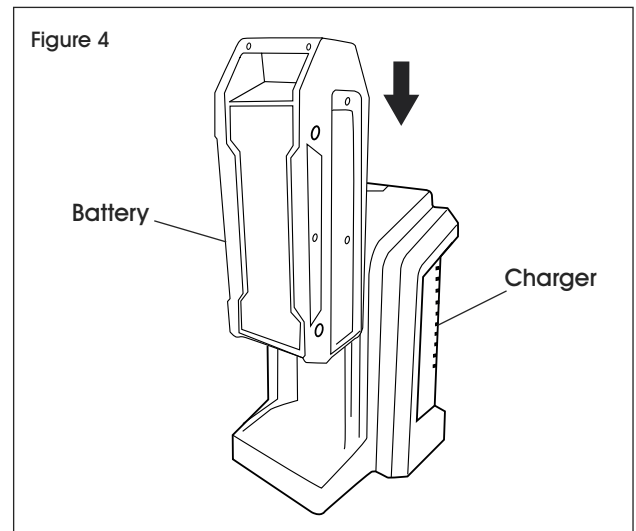
 **DANGER!** Improper connection of an equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the vacuum. If it will not fit the outlet,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

3. A temporary adapter may be used to connect this plug to a two-pole receptacle if a properly grounded outlet is not available. (See Figure 3)



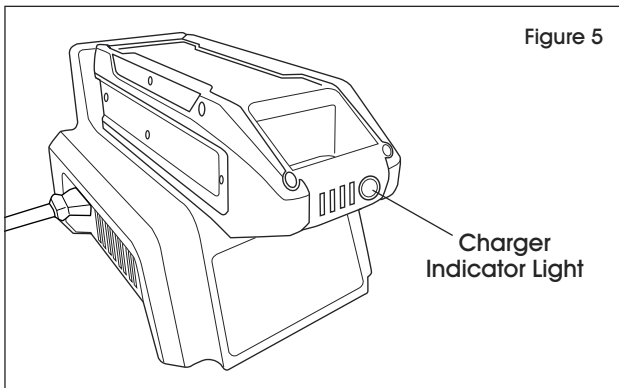
 **NOTE:** The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear or lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

4. Install battery on charger. (See Figure 4)



## OPERATION CONTINUED

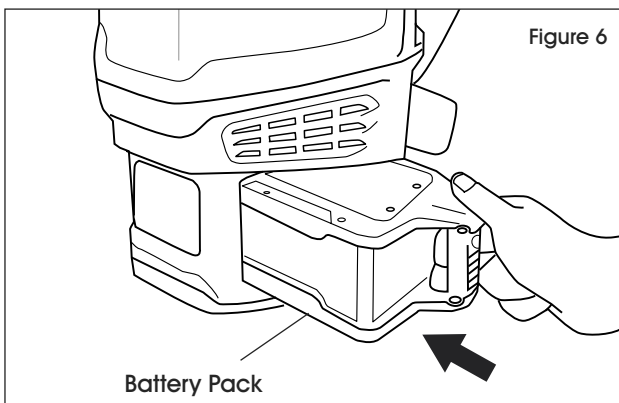
- The charger indicator light will turn on solid red (standby) after inserting the battery. When charge cycle begins, the indicator will change from solid red to flashing green. When charger indicator light changes from flashing green to solid green, battery is 100% charged. The battery pack will require approximately 50 minutes (4 Ah) or 90 minutes (8 Ah) to fully charge. (See Figure 5)



- If the indicator light flashes red, remove the battery and then reinstall it. If it still flashes red, contact Uline Customer Service at 1-800-295-5510 for further instructions.
- If the charger indicator light flashes amber, there is a temperature-related error. Let the battery rest at room temperature for at least one hour. The charger indicator light should turn flashing green, and fan should turn on. Battery pack will begin charging once the battery temperature settles within the acceptable charging temperature range.

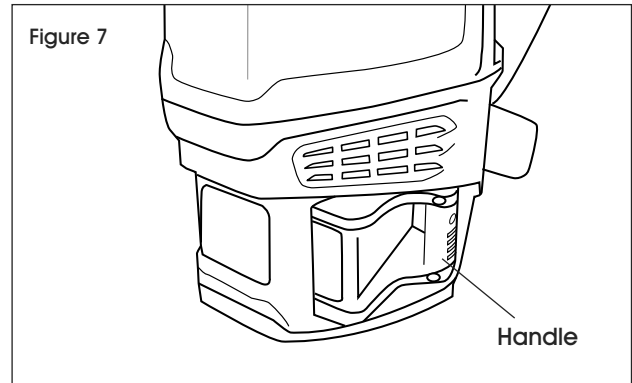
### INSTALLING BATTERY PACK

- Holding the battery pack by the handle, carefully slide the battery pack into the vacuum, aligning the battery pack with the rail on the vacuum. (See Figure 6)



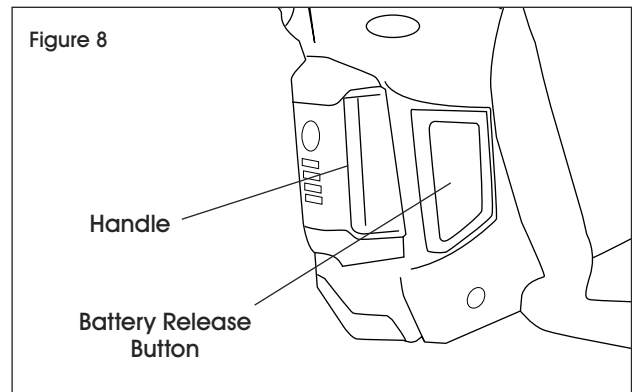
**NOTE:** Battery pack is spring-loaded and will need to be pushed fully into position. When fully inserted, the battery latch will spring into place and hold the battery pack in the unit.

- Gently pull on the handle of the battery pack to verify that it is locked into the vacuum. (See Figure 7)



### REMOVING BATTERY PACK

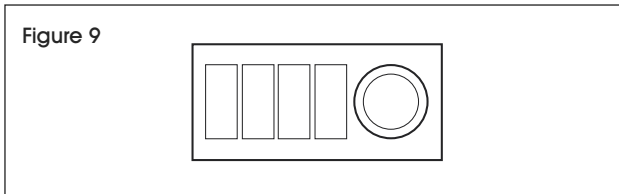
- Hold the battery pack by the handle and depress the battery release button. (See Figure 8)



- The spring-loaded battery pack will eject slightly from the unit.
- The battery pack is now free to be removed and can be pulled by the handle out of the vacuum.

## BATTERY PACK FUEL GAUGE

The battery fuel gauge indicates the approximate runtime remaining on the battery pack. (See Figure 9)

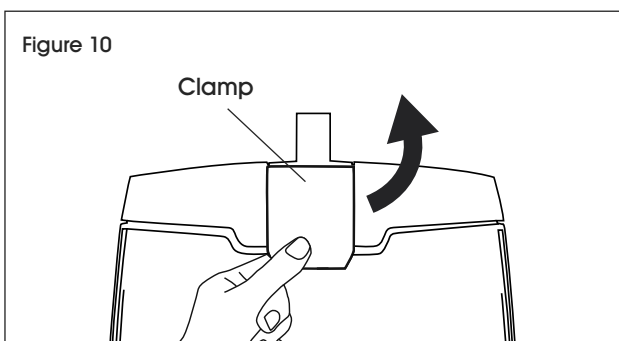


When the indicator button is pressed, one to four charger indicators will light up, indicating the approximate battery charge remaining as follows:

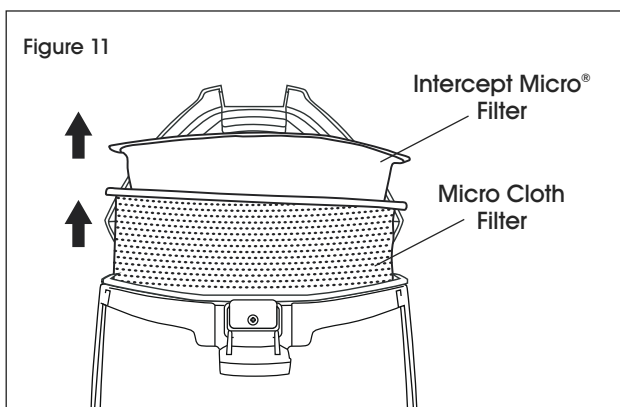
- 4 Lights: 80% – 100%
- 3 Lights: 60% – 80%
- 2 Lights: 40% – 60%
- 1 Light: 20% – 40%
- 1 Flashing Light: Less than 20%

## QUICK START

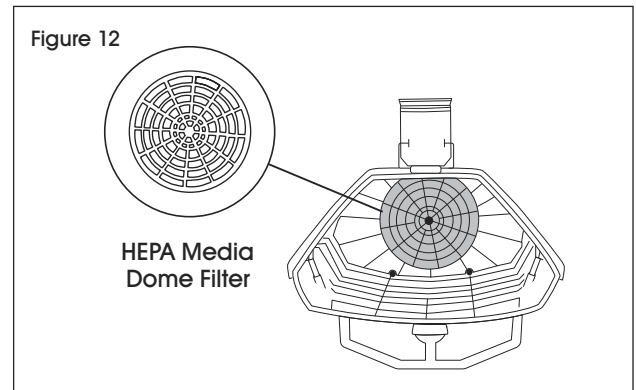
1. Unlatch the single clamp on the top of the unit and pivot the cap to the vertical position. (See Figure 10)



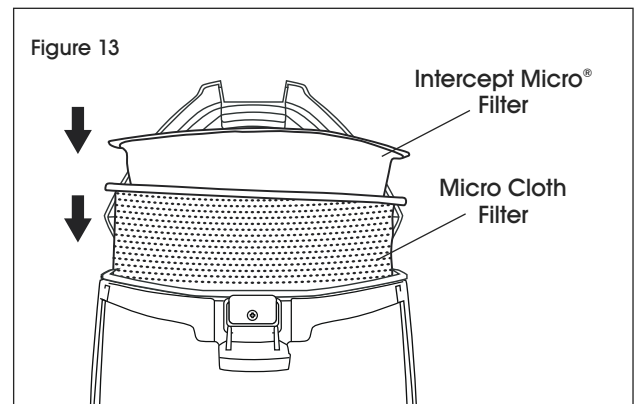
2. Remove the Intercept Micro® Filter and the Micro Cloth Filter. (See Figure 11)



3. Ensure the HEPA Media Dome Filter did not shift during shipping. (See Figure 12)

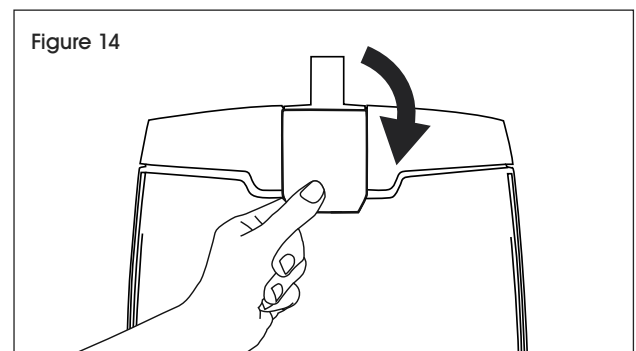


4. Replace the Intercept Micro® Filter and the Micro Cloth Filter into the vacuum. (See Figure 13)



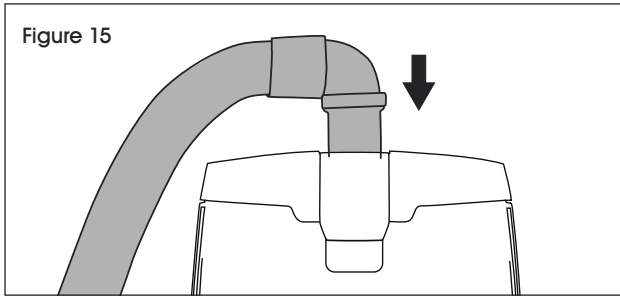
5. Pivot the cap back to the horizontal position and relatch the single clamp. (See Figure 14)

**NOTE:** Do not use without filters in place or with damaged filters.



## OPERATION CONTINUED

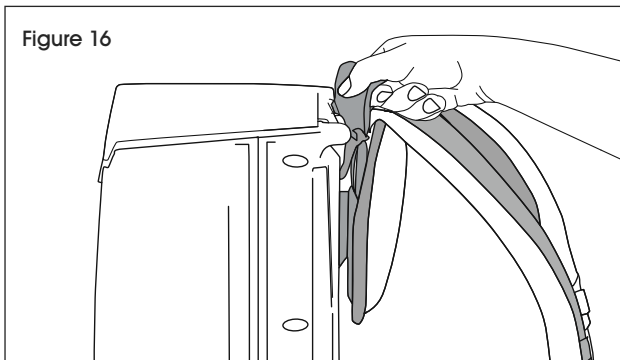
6. Push the hose into the cap opening. (See Figure 15)



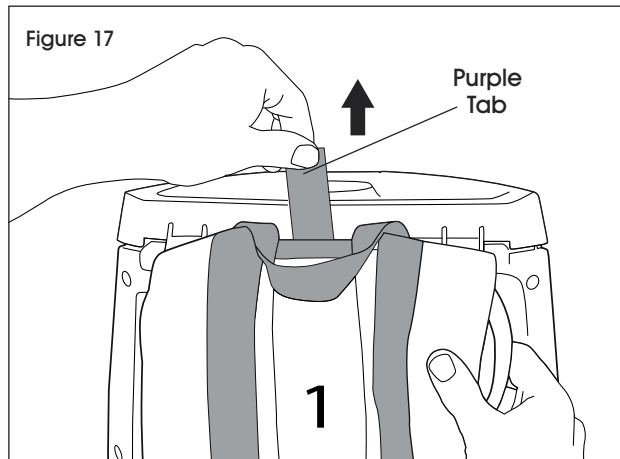
### HARNESS HEIGHT ADJUSTMENT

Upper harness should sit between shoulder blades for most comfortable fit. The upper harness can be adjusted by sliding the upper harness along the Quick Adjust track (See Figure 16)

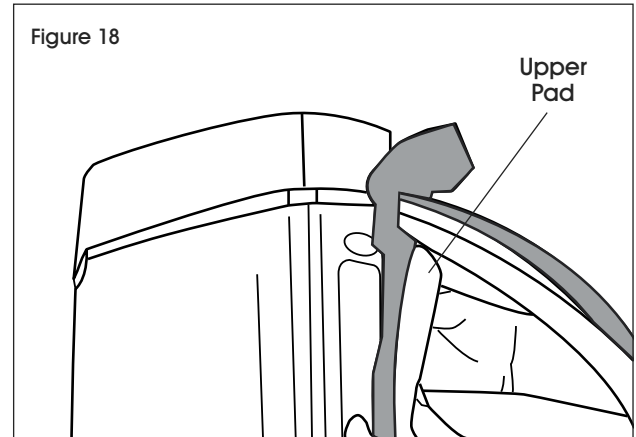
 **NOTE:** Do not adjust harness height while wearing the backpack.



1. To move the upper harness, pull on the purple tab located between the upper harness pad and the vacuum to release the locking feature. (See Figure 17)



2. To release locking feature, maintain pressure on pull tab and slide and slide the upper harness, identified with a purple "1", to the desired location.
3. Ensure the upper pad is locked by gently pulling on the carry handle. (See Figure 18)

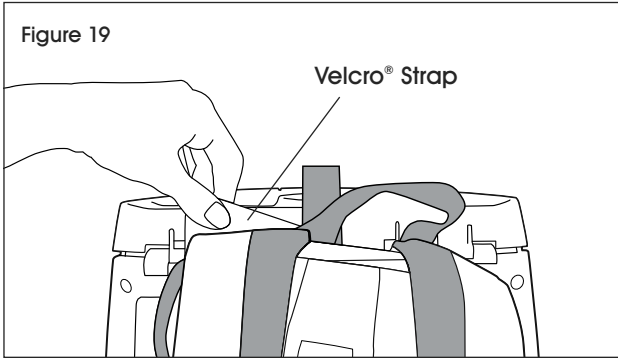


### ADDITIONAL BACKPACK INFORMATION

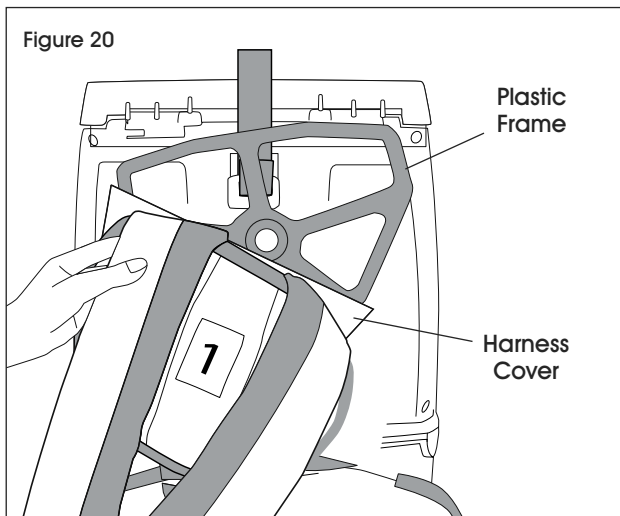
- The weight of the vacuum should be evenly distributed on your hips.
- Adjust the padded waist belt and shoulder straps using the numbered adjustment straps for a custom fit.
- The on/off switch is conveniently located on the waist belt of the backpack vacuum. The switch box is secured to the waist belt with Velcro® straps running through the top and bottom of switch box and securing to each other.
- The padded articulating harness design provides increased range of motion during detail and overhead work, reducing operator fatigue and increasing productivity.

## INTERCHANGEABLE HARNESS PADS

The upper harness padding and lower harness padding are attached to the backpack through Velcro® straps located on the rear of the harness pad. (See Figure 19)



1. To switch the harness, pull the upper half of the harness cover up and away from the plastic frame.
2. Slide the cover downward to remove from the plastic pieces. (See Figure 20)



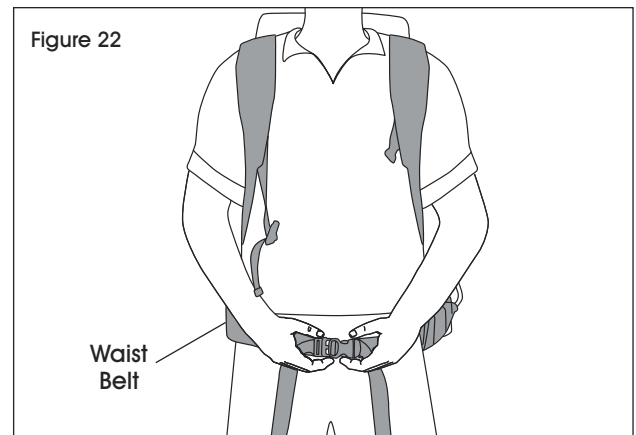
3. Perform the steps in reverse to place your personal harness on the vacuum, ensuring that the Velcro® is properly secured by pressing on the purple fabric pockets.

## WEARING THE BACKPACK VACUUM

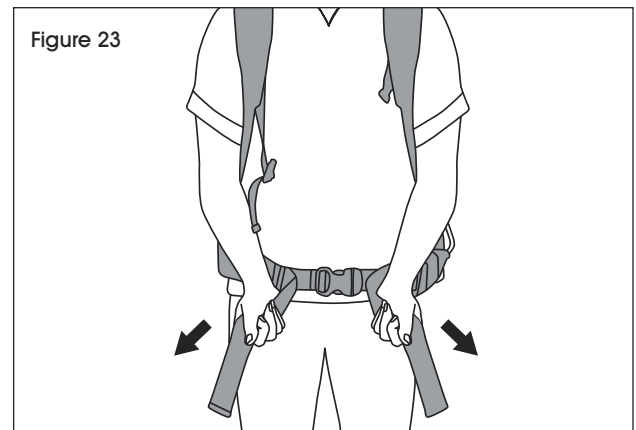
1. Loosen the shoulder straps and the waist belt. Lift the vacuum and slide your arms through the straps. (See Figure 21)



2. Connect the waist belt. (See Figure 22)

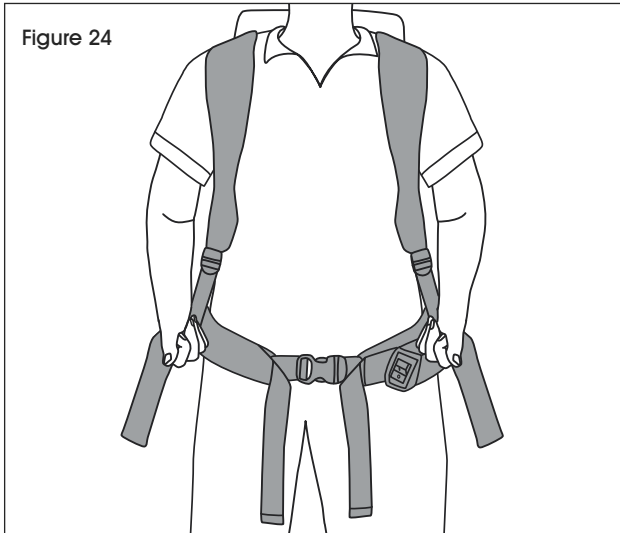


3. Tighten the waist belt by grabbing the ends of the straps, identified with a purple "2", and pulling each end toward each other and then directly outward from the center of the body. It is important that the weight of the unit be concentrated on your hips rather than your shoulders. (See Figure 23)

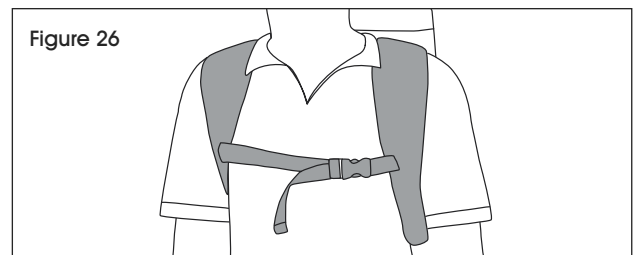
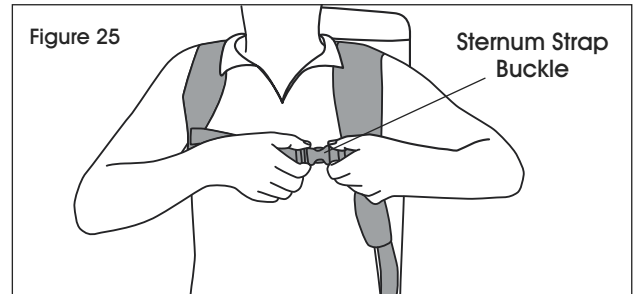


## OPERATION CONTINUED

- Adjust the shoulder straps, identified with a purple "3", so that the upper harness pad touches your back between your shoulders. Unit should fit comfortably with the weight still concentrated on your hips. (See Figure 24)




- Connect the sternum strap buckle, identified with a purple "4", and slide the strap up or down on the sewn-in wire support for the best fit. (See Figures 25-26)



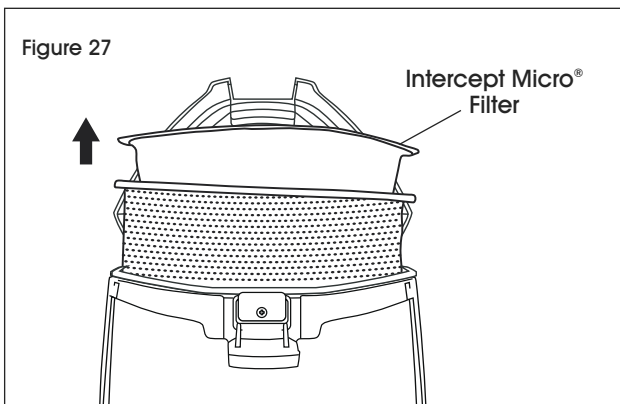
## MAINTENANCE

### FILTER MAINTENANCE

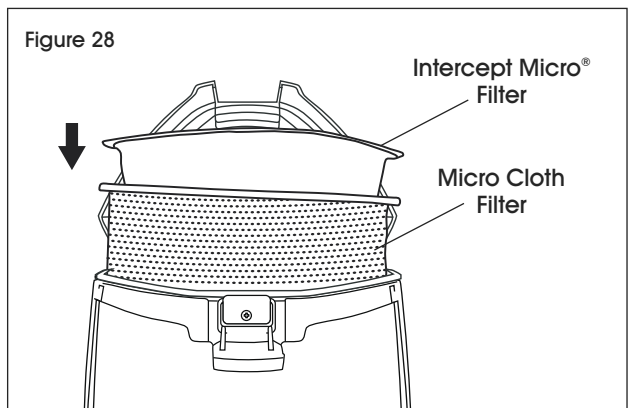
 **NOTE:** When opening the cap to check/change filters (See Quick Start on page 7), ensure the upper harness is not locked in the highest position on vacuum body. Refer to Harness Height Adjustment on page 8 for detailed steps.

 **NOTE:** A clogged and dirty filter restricts airflow and results in reduced suction and overheating.

- Empty and inspect the Intercept Micro® Filter every time you start and finish vacuuming. Replace if necessary. (See Figure 27)

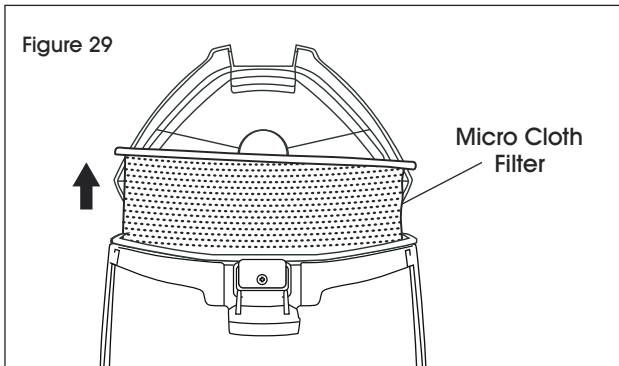


- To replace the Intercept Micro® Filter, slide filter into the Micro Cloth Filter and secure into vacuum. (See Figure 28)



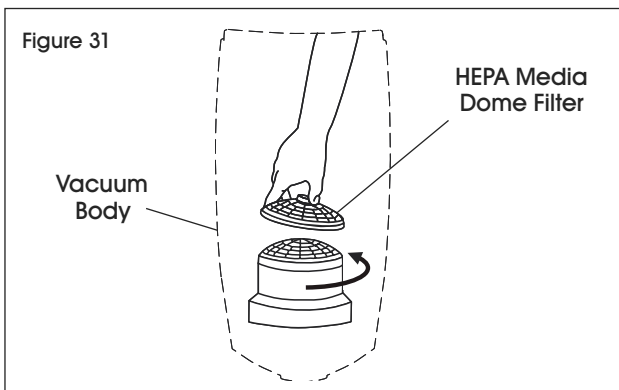
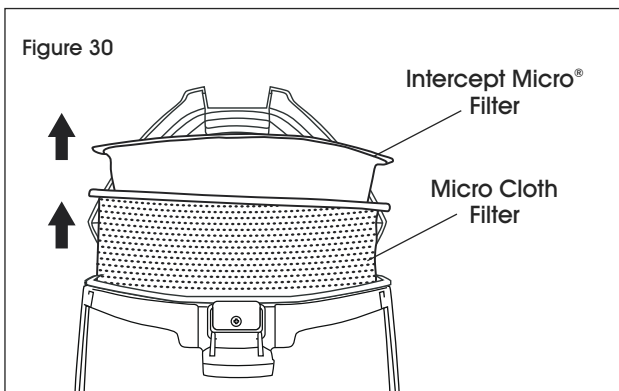
## MAINTENANCE CONTINUED

3. Once a month, or as necessary, hand or machine wash the Micro Cloth Filter with a mild detergent and let it air dry. Do not put it in the dryer. (See Figure 29)



**STOP** **WARNING!** To reduce the risk of fire, electric shock or injury, do not use the vacuum with a wet cloth filter bag or dome filter. Allow the filters to dry completely before reinstalling.

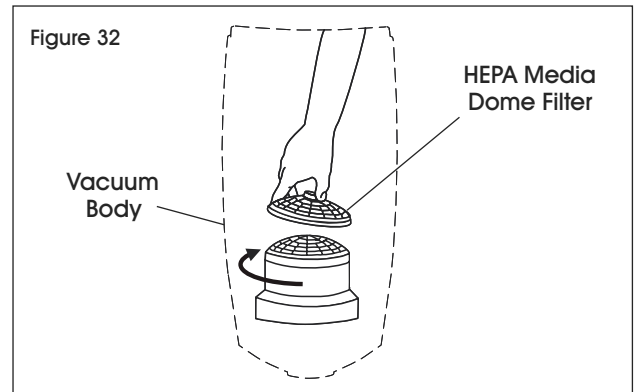
4. Every two to three weeks, or as necessary, clean the HEPA Media Dome Filter.
  - a. First, remove the Intercept Micro® Filter and Cloth Filter. Reach into the vacuum body and rotate the HEPA Media Dome Filter counterclockwise until it comes off. (See Figures 30-31)




- b. Shake out the HEPA Media Dome Filter.


 **NOTE:** Do not rinse in water.

- c. Replace and rotate the HEPA Media Dome Filter clockwise into place. (See Figure 32)



 **NOTE:** Do not use without filters in place or with damaged filters.

 **NOTE:** Check the condition of all electrical cords before each use.

 **WARNING!** Remove the battery from the vacuum when performing any maintenance.

## ROUTINE MAINTENANCE

### UPON RECEIPT

Check unit for any defects, missing or broken parts. Call Uline Customer Service at 1-800-295-5510 with this information, along with any questions you may have.

### DAILY/BEFORE EACH USE

Check Intercept Micro® Filter. Replace or empty if full. Use only genuine ProTeam® replacement filters to ensure optimal performance, achieve improved indoor air quality, and to maintain a valid vacuum warranty.

Check Micro Cloth Filter. If dirty, rinse out and air dry before replacing back into vacuum. All filters must be in place to operate vacuum. This will optimize airflow and prevent the motor from laboring.

### PERIODICALLY

Check harness for fit and comfort. Replace lost or damaged pieces.

## MAINTENANCE CONTINUED


### ELECTRICAL CORD CARE

- Never stretch the cord tightly between the charger and the outlet. A cord that is stretched or pulled may not function properly, can damage the cord or plug and creates a tripping hazard. Immediately stop using a damaged cord and replace with a new cord.
- If the connectors on the charger are damaged, the charger should be replaced. Contact Uline Customer Service at 1-800-295-5510 for instructions on ordering replacement components.

### PROPER STORAGE

When the vacuum is not in use, the vacuum, charger, battery pack and accessories should be stored indoors and in a dry place. Take appropriate safety measures by reading the safety section in these instructions.

## TROUBLESHOOTING

OPERATING ISSUE	RECOMMENDATIONS
Vacuum will not operate.	<p>Check the battery pack connection to the vacuum.</p> <p>Ensure the battery pack is charged.</p>
Battery pack is not charging.	<p>Ensure the battery pack is plugged into an electrical outlet and is properly connected to the charger.</p> <p> <b>NOTE:</b> The battery pack may be in Temperature Error mode for approximately an hour before charging to allow the battery temperature to settle within the acceptable charging temperature range.</p>
Exhaust air from the bottom of the vacuum is warmer than usual.	<p>Check, clean or replace all filters.</p>
Loss of suction.	<p>Check that debris is not plugging the hose, wand and/or floor tool.</p> <p>Check, clean or replace the filters (Intercept Micro® Filter, Micro Cloth Filter, and HEPA Media Dome Filter).</p> <p>Check that the hose cuffs are fitting tightly on the hose and are not cracked.</p> <p>Check that the cap is properly attached to the vacuum body.</p>
Charger's LED indicator is off after the battery pack is inserted.	<p>Check both ends of the power cord.</p>

