

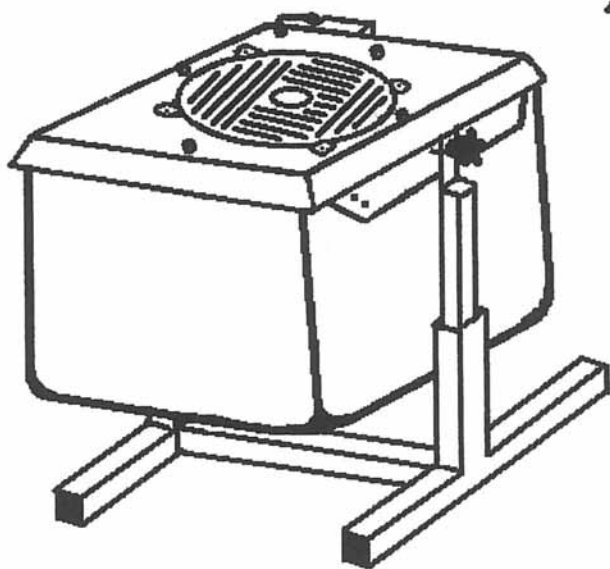
ThunderVak™

S SERIES

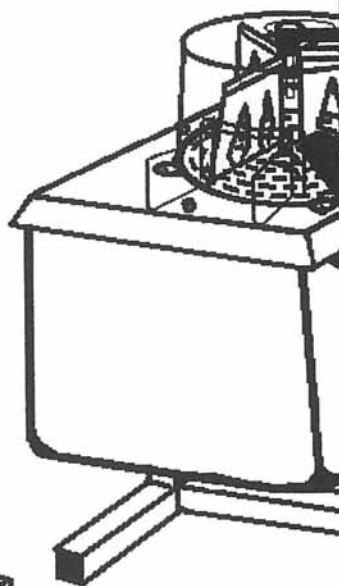
**USER MANUAL
FOR THE
THUNDERVAK™ S SERIES
TABLE, MANUAL & MOTORIZED**

Version 1.0 06/2013

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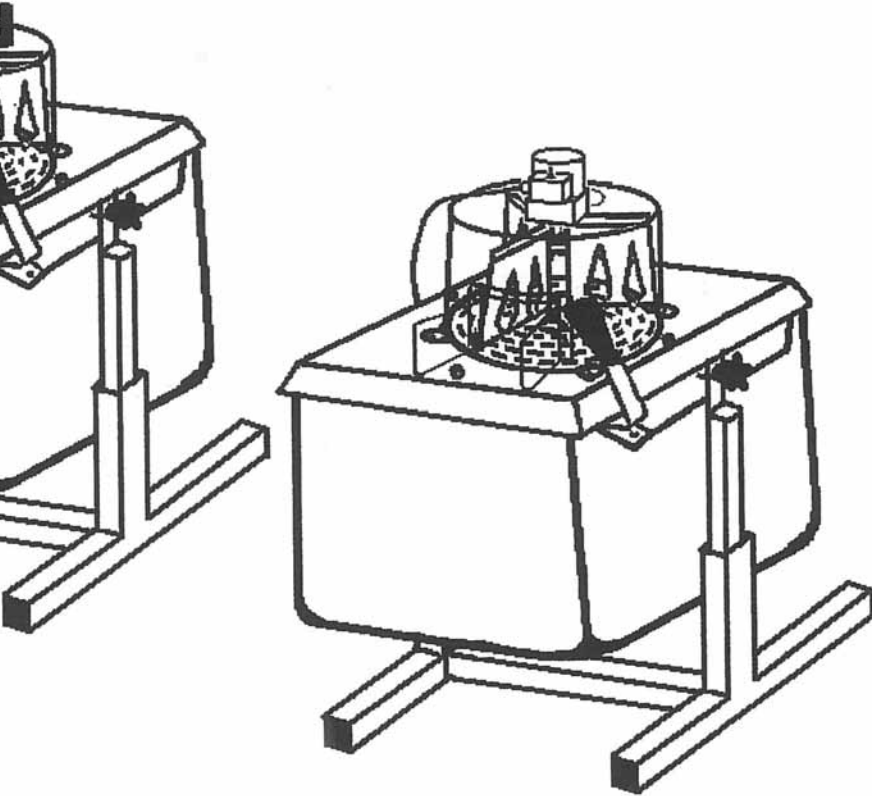
***ThunderVak™
S Series Table***



***ThunderVak™
S Series Manometer***

ThunderVak™

S SERIES



™
Manual

ThunderVak™
S Series Motorized

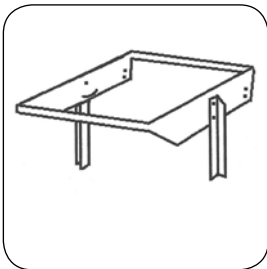
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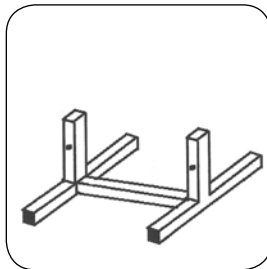
Parts

Parts List

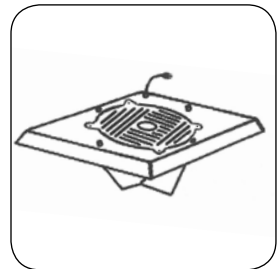
1. Grill support
2. Lower base
3. Work table
4. Transport rods
5. Legs (2)
6. Catch all bag
7. Removable side chute (*manual & motorized versions*)
8. Capacitor and rheostat for the cutting motor
9. Transparent top reservoir with feeder (*manual & motorized versions*)
10. Upper motor with speed control (*motorized version*)
11. Crosspiece with 4 tumbler paddles
12. Aluminium grill (*manual & motorized versions*)
13. Handle to toggle work table
14. Hand crank (*manual version*)
15. a tool set consisting of;
 - ▶ one 1/8" Allen key
 - ▶ one 3/8" Allen key
 - ▶ hex nut driver
 - ▶ block to adjust trimming height
 - ▶ cutting wires



1. grill support

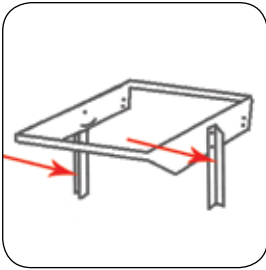


2. lower base

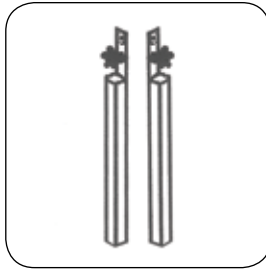


3. work table

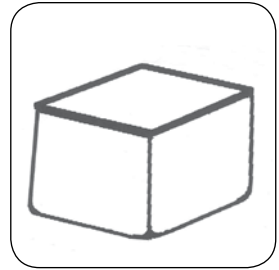
Parts diagrams



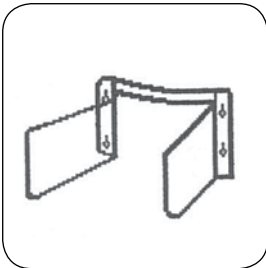
4. transport rods



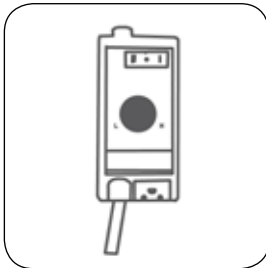
5. legs



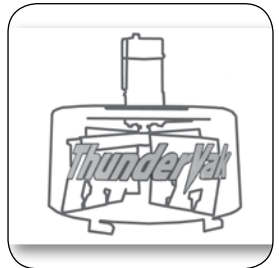
6. catch all bag



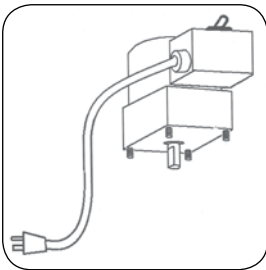
7. side chute



8. capacitor & rheostat



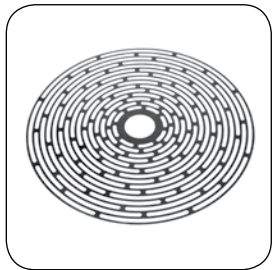
9. top reservoir



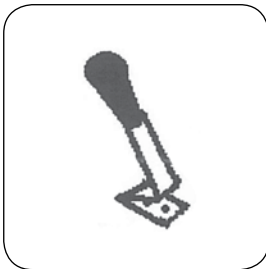
10. upper motor



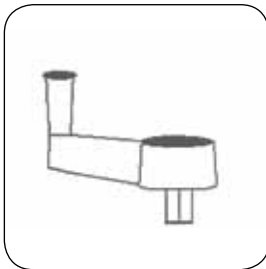
11. crosspiece & paddles



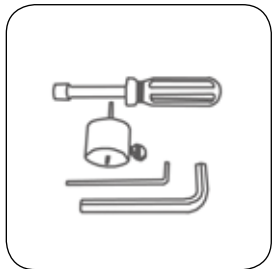
12. grill for manual/motorized



13. handle



14. hand crank



15. tool set

Safety warnings



Warning

This is a high-speed power tool and should be taken seriously. Careless or improper use may cause serious or even fatal injury.

IMPORTANT

- Make sure to inspect the machine before each use.
- Always wear safety glasses, gloves, ear plugs and proper protective clothing.
- Do not apply pressure to the grill.
- Do not use any instruments or tools above the machine.
- Keep work area clean and clear of debris.
- Always disconnect the power before servicing the machine.
- Never move, tilt or rotate machine while in use.
- Never allow the machine to run unattended.
- Minors should never be allowed to operate this machine.

This machine is to be used with all existing laws and regulations. The manufacturer and distributor does not accept any liability or responsibility for misuse of the product or for damages caused to or by the ThunderVak™, resulting from improper use or assembly. Read the entire user's manual prior to operating the ThunderVak™. Read all warnings before operating.

Electrical Requirements

Wiring requirements: 110V 15amps

The ThunderVak™ is equipped with a power supply cord having a grounded 3 prong plug. To minimize possible shock hazard, the cord must be plugged into a mating, grounded 3 prong outlet, grounded in accordance with all local codes and ordinances.



***Electrical
Shock
Hazard***

Assembly

To receive maximum performance and satisfaction from the ThunderVak™ it is important that you read and understand the safety warnings before using this machine.

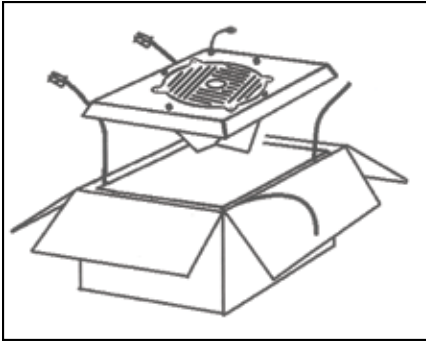
Instructions-Table Top

1. Open the box and cut the straps that are holding the machine in place.
2. Take everything out of the box.
3. Remove the grill support from the legs and put aside.
4. Next, remove the work table from the legs and undo the screws that are on each leg.
5. Unbolt the transport rods from the frame. (Keep these pieces for future transportation.)
6. Bolt the 2 legs onto the grill support.
7. Place the legs and support into the lower base making sure that they are pushed in to the bottom.
8. Tighten the small screws at the bottom of the legs.
9. On the side of the support, bolt the handle to toggle work table with the 2 bolts and nuts provided.
10. Making sure the support is level, insert the catch-all bag, folding the corners over the support.
11. Place the work table over the support.
12. Hook the capacitor and rheostat for the cutting motor onto the metal bracket that is on the side of the work table.
13. Plug the power cord into an extension cord (15 amps minimum).
14. You are now ready to use your table top trimmer.

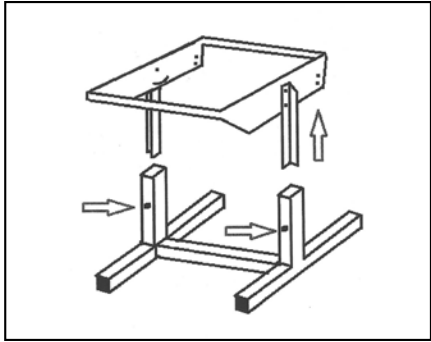
Notes:

- ▶ The ThunderVak™ comes with the neoprene tumbler paddles installed. A set of rubber ones have been included for your convenience. If you would like to change them, simply unscrew the paddles with a Phillips screwdriver.
- ▶ The cutting wires are already installed but if you would like to change them, simply slide them out and replace.

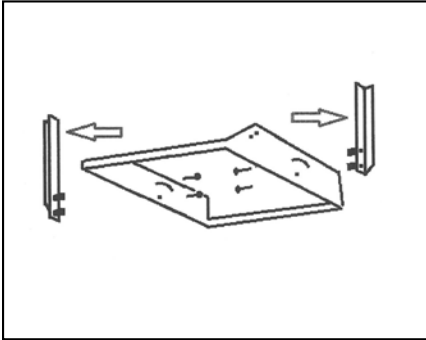
Assembly (cont'd)



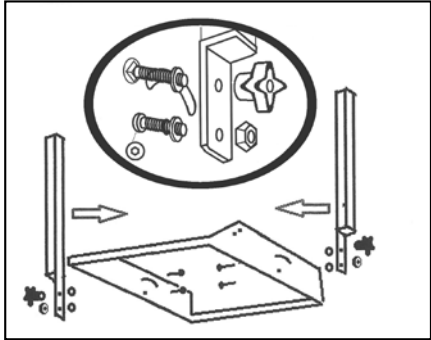
step 1



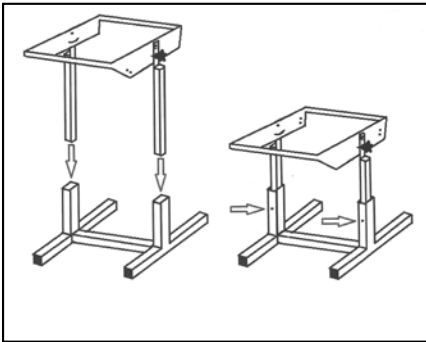
step 4



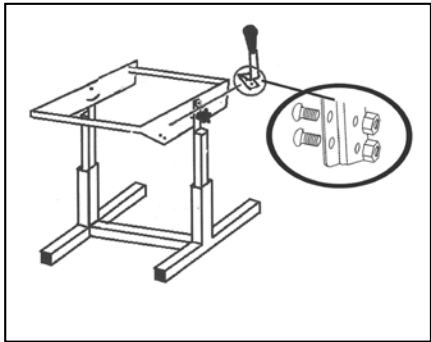
step 5



step 6

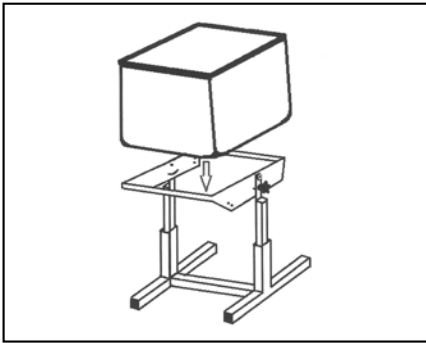


step 7 & 8

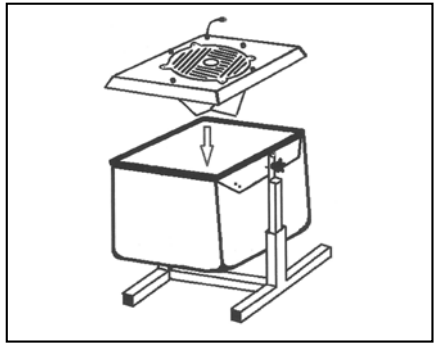


step 9

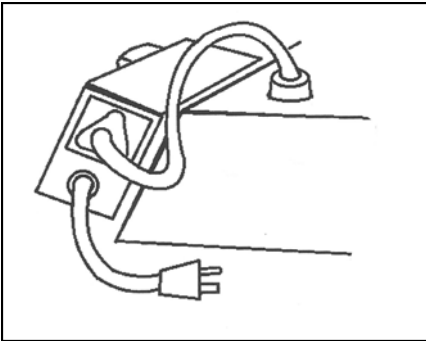
Assembly (cont'd)



step 10



step 11

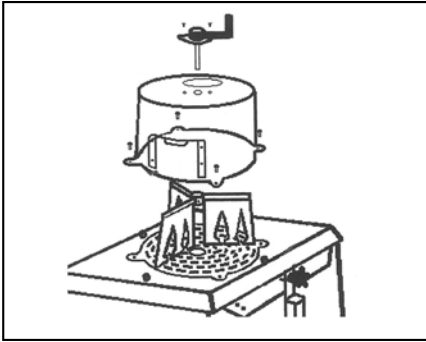


step 12

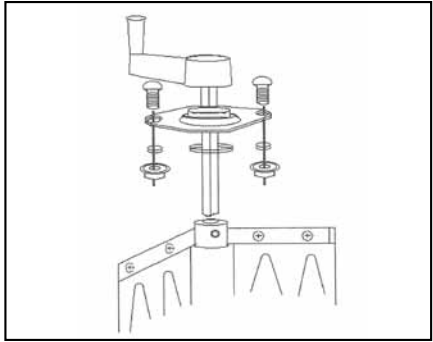
Instructions-Manual

1. Complete steps 1 through 14 (SEE PAGE 8).
2. Bolt the hand crank to the transparent top reservoir with the bolts included.
3. Slide the crosspiece with 4 tumbler paddles onto the shaft of the hand crank and tighten the small hex with the 1/8" Allen key supplied.
4. Place the reservoir on top of the lower base motor support, making sure to align the holes on the support with the brackets on the reservoir. (SEE RED CIRCLES)
5. Attach the removable side chute to the transparent top reservoir.
6. You are now ready to use your manual trimmer.

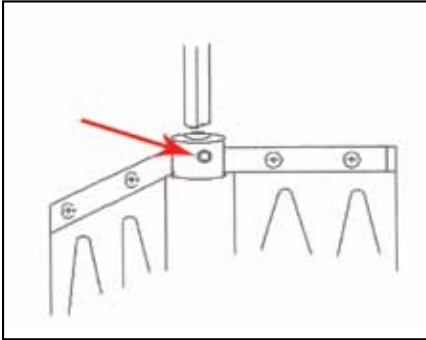
Assembly (cont'd)



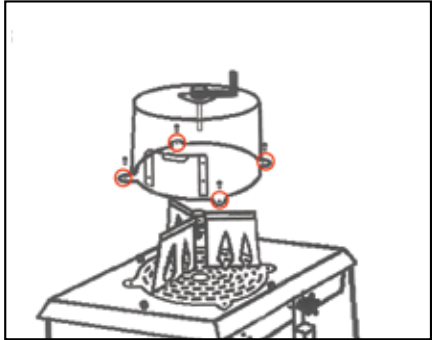
step 2



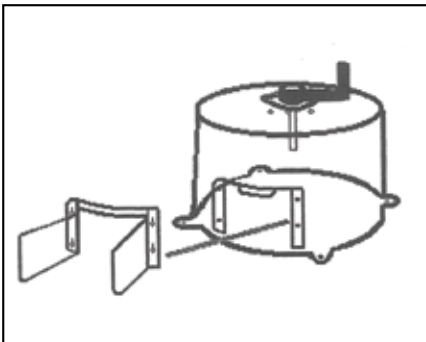
step 2



step 3



step 4

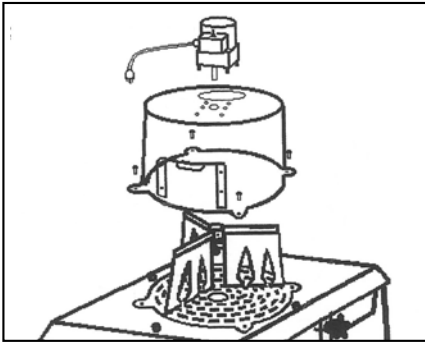


step 5

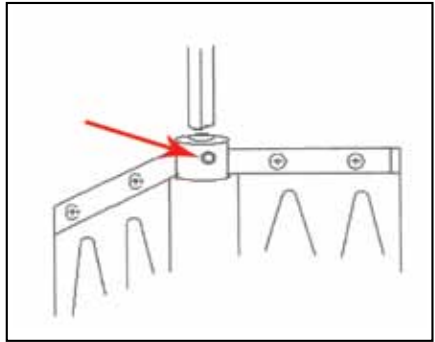
Assembly (cont'd)

Instructions-Motorized

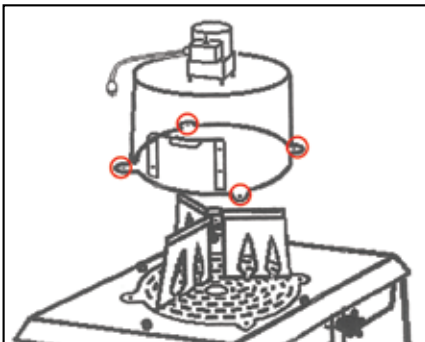
1. Complete steps 1 through 14 (SEE PAGE 8).
2. Connect upper motor with speed control to the transparent top reservoir with the 4 bolts attached to the motor.
3. Slide the crosspiece with 4 tumbler paddles onto the shaft of the hand crank and tighten the small hex with the 1/8" Allen key supplied.
4. Place the reservoir on top of the lower base motor support, making sure to align the holes on the support with the brackets on the reservoir. (SEE RED CIRCLES).
5. Attach the removable side chute to the transparent top reservoir.



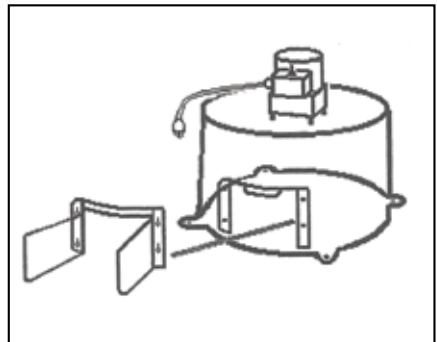
step 2



step 3



step 4



step 4

Assembly (cont'd)

Notes:

- ▶ The ThunderVak™ comes with the neoprene tumbler paddles installed. A set of rubber ones have been included for your convenience. If you would like to change them, simply unscrew the paddles with a Phillips screwdriver.
- ▶ The cutting wires are already installed but if you would like to change them, simply slide them out and replace.

Use

Important : test the trimmer with a small amount of plant material first to ensure your satisfaction.

Start the upper motor by putting the button to “RUN” to engage the rubber or neoprene tumbler paddles. Turn the rheostat to the desired speed, between 0 and 60 rpms. Now, start the lower motor on “VAR” and adjust the cutting speed with the rheostat. You can also use your ThunderVak™ as a table-top trimmer by simply removing the upper reservoir and disconnecting the upper motor electrical cord.

Preparation

We recommend removing the stems before placing the plant material in the machine. You do not have to remove the larger leaves for this machine, as the trimming is more precise and efficient than other models on the market.

Transportation

Always turn the motors off and unplug the machine before moving it. When transporting it, always secure it to prevent damages.

Adjusting the trimming height

Note: the height has already been factory preset and should not require any adjustment.

Use (cont'd)

Block to adjust the trimming height. This tool is used to adjust the cutting height. 4 union nuts on the lower base motor support allow adjustment of the trimming height and are pre set by the manufacturer. Turning left will distance the wires from the plant material and turning the union nuts to the right will bring the wires closer to the plant material to be trimmed. Place the grill onto the lower base motor support (ensuring that it is level) and start the rheostat on high. Use the tool to adjust the desired height (we suggest 5/32 in). By placing the block on the grill and adjusting one nut at a time, to the desired height.



4 union nuts



union nut



block to adjust trim height

Maintenance

To receive maximum performance from the ThunderVak™ it is important that the maintenance schedule be followed.

Always stop the motor and unplug the unit before any maintenance, repairs or cleaning. Cleaning the machine after each use will ensure the ThunderVak™ longevity. To clean it we suggest using Bio Green Clean® or other natural cleaner. Simply follow the instructions on the bottle for the dilution rate, spray down the machine, let it sit for a few minutes and wipe clean with a damp cloth.

Never use an abrasive pad on any component of this machine, as it will scratch the surface. Make sure that all 8 cutting wires are in good condition before operating the machine. Each machine comes with replacement cutting wires. If one needs replacement simply slide it out, discard and replace with a new one.

Warranty

ThunderVak™ warranty obligations are limited to the terms set forth below: ThunderVak™ (“105766 Canada Inc.”) warrants this hardware product against defects in materials and workmanship for a period of ONE (1) YEAR from the date of original retail purchase, excluding all replacement rubber parts and cutting wires. If a defect exists, at its option ThunderVak™ will (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. If usage of this ThunderVak™ product violates the guidelines of this limited warranty, ThunderVak™ will repair the product and charge the purchaser for the cost of company time, materials and shipping costs.

ThunderVak™ shall not be liable for any loss, injury or damages to persons or property resulting from the use of this product or any failure of or defect in this product, nor shall ThunderVak™ be liable to the initial user of this product or to any other person or entity for any general, special, direct, indirect, incidental, consequential, exemplary, punitive, or OTHER DAMAGES of any kind or nature whatsoever.

MegaWatt *HydroCulture*

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