

HotipTM series



MajesticFlagstore.com
618-969-9444

SOFT SURFACE

Manufacturer of commercial & environmental cleaning equipment

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Specifications: (Hotip-IV)

- ~ heavy duty fiber composite body
- ~ electric tank heater with pre-set thermostat
- ~ one 2 stage vacuum motor
- ~ 82" suction power (H₂O)
- ~ air flow 97 (cfm)
- ~ 60 PSI pump
- ~ flow rate 1.4 (gpm)
- ~ 120 volt AC with 18 amperes (MAX 21 amp.)
- ~ aluminum switch protector / rear of machine
- ~ 4.5 gallon solution and 4 gallon recovery tanks
- ~ easy access to all mechanical components
- ~ exterior dimension H 23" x W 14" x L 24"
- ~ 10' vacuum hose & 10' solution hose
- ~ one 25' 12-3 cord
- ~ one 4" wide enclosed vacuum path aluminum & stainless steel construction hand tool (HTA-1JM)
- ~ 4/2" non-marking swivel caster
- ~ stainless steel lid
- ~ shipping weight 60lb +.

With
Electric Heating System



picture shown with optional single jet 12" Auto-Seal Wand with adjustable stainless steel grip handle



picture shown optional extra long stationary handle with 10" rear wheel



picture shown with 10' vacuum hose & 10' solution hose, one 4" hand tool(HTA-1JM)

Options:

- ~ 100, 150 psi pumps
- ~ in line heater
- ~ stationary handle
- ~ ground fault circuit interrupter
- ~ out-put female plug
- ~ 3" non-marking swivel caster
- ~ adjustable thermostat
- ~ thermometer (L.E.D.)
- ~ pressure gauge
- ~ hour meter
- ~ acoustic muffling system
- ~ force venting system
- ~ 10" rear wheel
- ~ long stationary handle
- ~ Auto-Seal Wand
- ~ Auto-Seal See Through Wand
- ~ Auto-Seal Double Bend Wand
- ~ Auto-Seal See Through Double Bend Wand
- ~ other type of tools and accessories available
- ~ electric instant water heater (pressure up to 500psi)

standard color: blue / red

CAUTION: Do not use flammable and volatile material.

SPECIFICATIONS, FEATURES, ILLUSTRATIONS AND EQUIPMENT SHOWN IN THE CATALOG ARE BASED UPON THE LATEST INFORMATION AT THE TIME OF PUBLICATION. ALTHOUGH DESCRIPTIONS ARE BELIEVED TO BE CORRECT AT THE TIME OF PUBLICATION, SPECIFICATIONS, ACCESSORIES, COLOR, MATERIAL, MODELS AND IMPROVEMENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE. LIMITED WARRANTIES: SEE OWNERS MANUAL. ORDINARY MAINTENANCE ITEMS OR ADJUSTMENTS, PARTS SUBJECT TO NORMAL WEAR, AND OTHER CERTAIN ITEMS ARE EXCLUDED FROM WARRANTY.



Hotip

Series

Portable Heavy Duty Extractor Owner's Manual



Manufacturer of
commercial & environmental cleaning equipment

CAUTION

NOTE:

When the machine is delivered

Check the carton and machine carefully for signs of rough handling. If the unit is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing list and carrier's receipt until the inspector has verified your claim.

General precautions

Make sure the machine is plugged into an electrical outlet with the same voltage as shown on the unit. When plugging in a two cable machine, each should be into a **separate circuit**, when this is accomplished a "Green Light" will turn on in the dash panel. Push switch on dash panel above green bulb, if two circuits are accomplished the bulb will light up. No light, keep looking for two circuits.

Warning

This extractor was designed for use on carpet, floor and upholstery applications as per instructions and recommendations written in this manual. Any deviation from its proper use or purpose and the consequential damage that may occur is the sole responsibility of end user.

Do not use volatile substances such as gasoline, kerosene, or any petroleum based solvent in the machine or anywhere near the cleaning area. The use and presence of such materials could cause an explosion and fire.

Do not expose machine to extreme temperatures.

Do not attempt repair of machine, see your authorized service dealer.

Do not use unauthorized replacement parts.

This extractor was tested before shipping in most case some water or anti freeze might remain in the plumbing system, we suggested flushing it out before using it. Make sure to use anti freeze for storage if you are located in extreme cold weather.

Trouble-Shooting cont.

Vacuum System		
Problem	Possible Cause	How to Repair
Vacuum motor on, little or no vacuum or suction to head (wand/upholstery tool)	<ol style="list-style-type: none"> Lid is not closed Drain hose not connected Hose or wand clogged Accumulated dirt on the ball float cage and filter Worn out lid gasket Lint and dirt build-up on wand Damaged vacuum hose Loose or no vacuum hose connection inside the machine Lint accumulation in vacuum fans 	<ol style="list-style-type: none"> Close the lid Connected hose Clean hoses and wand Clean or replace the filter Replace the gasket Clean the wand Replace See authorized repair personnel See authorized repair personnel
Vacuum motors run intermittently		See authorized repair personnel.
ETC.....		
Problem	Possible Cause	How to Repair
No water from the jet	<ol style="list-style-type: none"> Machine not plugged in (or circuit breaker off) Switch is not turned on (bad switch?) Empty solution tank The hose is not connected properly 	<ol style="list-style-type: none"> Plug in working outlet Turn the switch on. See authorized repair personnel for new switch Fill the solution tank with water Connect hose properly
Water or foam coming out from exhaust	<ol style="list-style-type: none"> Over foaming of water in recovery tank Elbow fitting in recovery tank pointing wrong direction (i.e. pointed toward the ball-float cage) No ball-float cage Too much water in the recovery tank 	<ol style="list-style-type: none"> Put defoamer in the recovery tank or <u>put it in the end of vacuum hose with vac. motor running</u> Point elbow away from ball-float cage Install ball-float cage w/filter Drain the recovery tank

**DO NOT ATTEMPT REPAIR ON THE MACHINES,
CONTACT AUTHORIZED REPAIR SHOP OR DEALER**

Disconnect Power Cords from the outlet before doing any maintenance work

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Owner's Warranty Information

Date of Purchase:

Serial Number:

Model Number:

Purchased From[Dealer name]:

Address:

City, State, Zip:

Telephone:

Keep for your own records

LIMITED WARRANTY

All equipment and accessories are thoroughly inspected and tested before leaving the factory. They are warranted to be free of defects from workmanship and material for one year from date of original purchase.
(Proof of purchase is required)

Should any trouble develop during this period, return the item, freight prepaid, to the factory with the factory issued RETURN AUTHORIZATION NUMBER (RAN) or authorization TMI service center. If inspection shows the trouble to be caused by defective workmanship or material, the factory will repair (or at our option, replace) without charge, those items. If it is determined to be a warrantable repair the freight back will be pre paid by the factory. No credit will be allowed for items returned as defective without the above mentioned (RAN) number and the determination that it is defective.

Proof of purchase is necessary establishing the date of original sale. That should be the Registration & Receipt of "WARRANTY REGISTRATION CARD". It is extremely important to register your purchase by sending the card back within 10 days of purchase.

This warranty is in lieu of all other warranties expressed or implied and no person is authorized to give any other warranty, assume obligation or liability on the factory's behalf.

This warranty does not apply when:

- Repairs have been made or attempted by others
- Repairs are required because of normal or natural wear and tear
- Items have been abused, misused or improperly maintained
- Modifications or alterations have been made to the equipment

LIMITATION OF REMEDY:

In no event shall seller be liable for any incidental, consequential or special damages of any kind or nature whatsoever. Including but not limited to lost profits arising from or in anyway connected with this agreement or items sold hereunder, whether alleged to arise from breach of contract, express or implied warranty, or in tort, including without limitation, negligence, failure to warn or strict liability.

ENTIRE AGREEMENT / GOVERNING LAW:

This agreement and warranty shall be governed in all respects by the law of the State of California. No actions arising out of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action occurs. All mediation or litigation will take place in the County of Los Angeles in California.

Trouble-Shooting

Electrical System		
Problem	Possible Cause	How to Repair
No electrical power	<ol style="list-style-type: none"> 1. Check the outlet & the plug 2. Damaged cord 3. Circuit breaker off or fuse blown 	<ol style="list-style-type: none"> 1. Plug in properly 2. See authorized repair personnel 3. Flip circuit breaker on or replace fuse. Unplug other equipment using the same circuit. Make sure cords plugged into proper amp circuits.
Switch is turned on, power is intermittent to all motors	<ol style="list-style-type: none"> 1. Faulty electrical cable 2. Defective switch 3. Loose terminal or corroded connector 	1.to 3: See authorized repair personnel
Electric shock	<ol style="list-style-type: none"> 1. Equipment not grounded 	See authorized repair personnel
Pump System		
Problem	Possible Cause	How to Repair
Pump motor stopped	<ol style="list-style-type: none"> 1. Pressure build - up 2. Thermal overload (overheated) 3. Damaged motor or rectifier 4. Pump switch defective 5. Loose wire connection 6. Pump pressure switch defective 7. Faulty motor 	<ol style="list-style-type: none"> 1. Release pressure by opening up (press) the lever on the wand 2. Turn off the pump and heater switch and wait 20 -30 minutes for the pump to cool down. 3 to 7: See authorized repair personnel
Loss of pump pressure with wand valve open and/or uneven or weak spray from the jet tips	<ol style="list-style-type: none"> 1. Clogged or dirty spray- tip 2. Accumulated dirt in solution line 3. Dirty or clogged filters 4. Pump check valve worn or dirty 5. Malfunction in the wand valve 6. Hose quick connect bad or clogged with lint. 	<ol style="list-style-type: none"> 1. Clean jets and screens 2. Clean 3. Clean 4 to 6: See authorized repair personnel

WARRANTY REGISTRATION

PLEASE PRINT OR TYPE

PURCHASED FROM:

ADDRESS:

DATE PURCHASED:

PURCHASER'S NAME:

ADDRESS:

TEL:()

MODEL NO:

SERIAL NO:

DEALER RECORDS

AUTHORIZED TIMBUCKTOO CENTER WARRANTY REGISTRATION

PLEASE PRINT OR TYPE

DEALER:

ADDRESS:

DATE SOLD:

PURCHASER'S NAME:

ADDRESS:

TEL:()

MODEL NO:

SERIAL NO:

Signature:

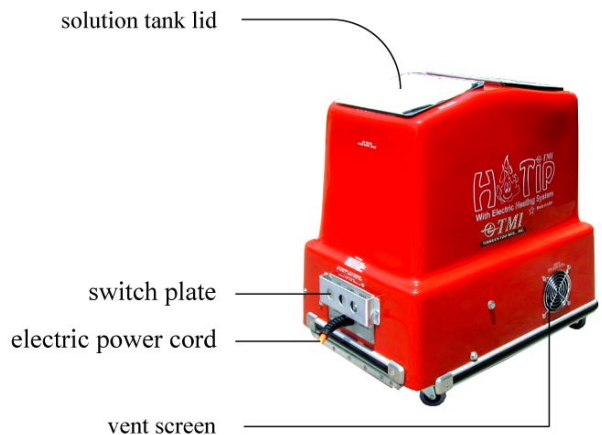
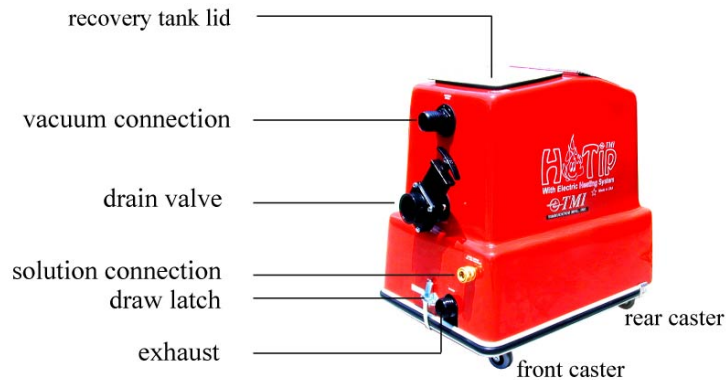
Print Name:

***PLEASE SIGN AND MAIL TO TMI WITHIN 10 DAYS
FROM THE SALE DATE FOR VALID WARRANTY***

TMI
TIMBUCKTOO MFG., INC.

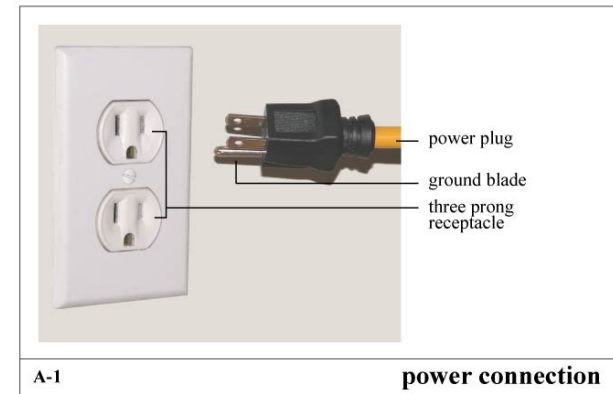
TMI
TIMBUCKTOO MFG., INC.

MACHINE OVERVIEW



ASSEMBLY

1. Connect vacuum hose to vacuum intake connection on the machine and the wand, solution hose to the solution connection (solution out let and to quick connector on wand).
2. To protect the grounding plug; this plug is to be used only with proper grounding type (three prong) receptacle. Do not break off or pull out the grounding blade. (see A-1, P.8)



PREVENTATIVE MAINTENANCE

1. **Thoroughly clean all equipment and accessories after each use.**
 - a) **Rinse solution and vacuum tank with clean water.**
 - b) **Flush entire solution system with clean water. This includes all solution hoses and wand(s). Do not allow liquid with cleaning chemicals to remain in the equipment.**
 - c) Clean all filters.
2. Occasionally, lubricate all quick connects.(every 3 months)
3. Do not use the same pail to fill the solution tank that is used to empty the waste tank.
This would result in putting dirt and debris into the solution lines that can block filters, orifices, and generally degrade solution line systems.
4. Keep equipment out of extreme temperatures. (i.e. Freezing temperatures will make water expand, and will damage pump, fittings, valves, etc.)
5. **Turn off the machine when not in use. Especially, walking away from the machine and not using it for a while may build up pressure in the machine or heater. This can cause excessive pressure that is not good for the machine.**
6. Check for loose or frayed wires.

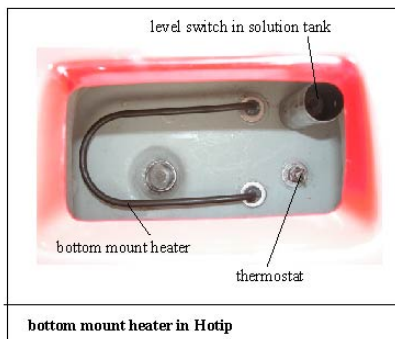
SYSTEM WITH OPTIONS

TANK HEATER (bottom mount)

Fill solution tank with water. Turn the heat switch on first to give the water time to heat. Tank heater has a pre-set thermostat @ 140 degrees F.

Keep tank clean and do not use any flammable products.

Water level should always be over the level switch by at least two inches.



Images shown as example only.

Location of the optional equipment might differ from machine to machine.

Trouble-Shooting

Problem	Possible Cause	How to Repair
Heat doesn't come on	<ol style="list-style-type: none"> 1. Check water level-It should be above level switch 2. Check level switch float if it's in proper position (see image #1 and image #2) 	<ol style="list-style-type: none"> 1. Add water 2. If it's not--the non-metal retainer has come off. Replace the non-metal retainer and make sure level switch is mounted properly with magnets on bottom

(NOTE: BelAir and Noah model only / the magnets are on the top)

SUGGEST SERVICE CENTER REPAIRS FOR BELOW

Problem	Possible Cause	How to Repair
	<ol style="list-style-type: none"> 3. Check fuse or breaker, power relay & level switch 	<ol style="list-style-type: none"> 3. To check--turn power on to heater--pull level switch up and you should hear a click. If no click, check fuse (80ma) if fuse is good, power relay is probably bad.
	<ol style="list-style-type: none"> 4. Check thermostat--it's either on or off 	<ol style="list-style-type: none"> 4. Check w/service center
	<ol style="list-style-type: none"> 5. Heating element is burned out. 	<ol style="list-style-type: none"> 5. Check w/service center

CAUTION: when electric power is on protect yourself from electric shock & heat!

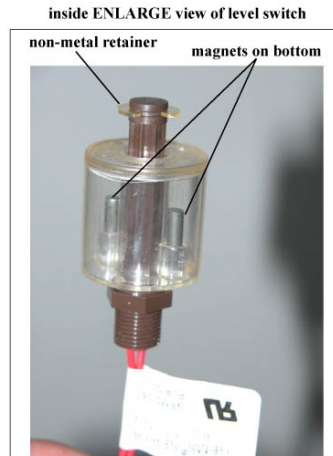
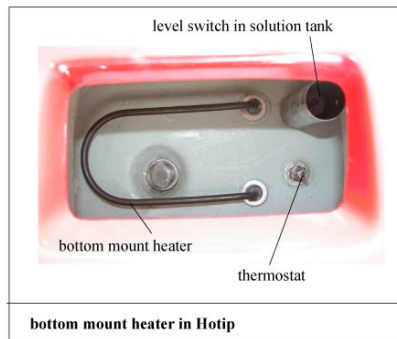
SYSTEM WITH OPTIONS

TANK HEATER (bottom mount)

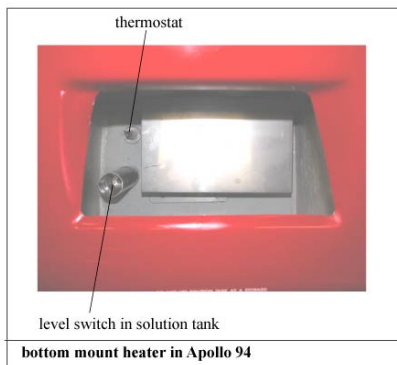
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Keep tank clean and do not use any flammable products.

Water level should always be over the level switch by at least two inches.



RIGHT position of level switch



WRONG position of level switch

Images shown as example only.

Location of the optional equipment might differ from machine to machine.

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	<ol style="list-style-type: none"> 4. Check thermostat--it's either on or off 	<ol style="list-style-type: none"> 4. Check w/service center
	<ol style="list-style-type: none"> 5. Heating element is burned out. 	<ol style="list-style-type: none"> 5. Check w/service center

CAUTION: when electric power is on protect yourself from electric shock & heat!

HOW TO EMPTY YOUR SOLUTION TANK

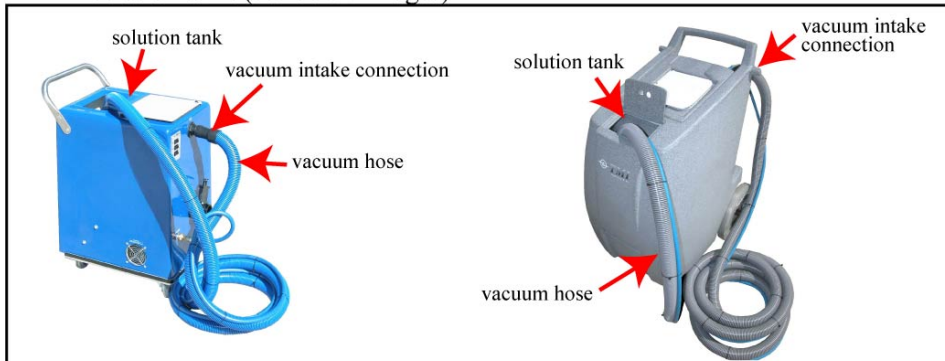
READ instructions carefully!

This procedure applies to most TMI EXTRACTORS

Step 1: to remove remaining water from solution tank; disconnect vacuum hose and solution hose from tool, such as Wand or Hand tool, or any other tool. (see below images)

Step 2: bring disconnected vacuum hose and insert it into solution tank. (see below images) Caution with components inside the solution tank.

Step 3: turn vacuum motor switches on and vacuum out all the excess water from solution tank. (see below images)



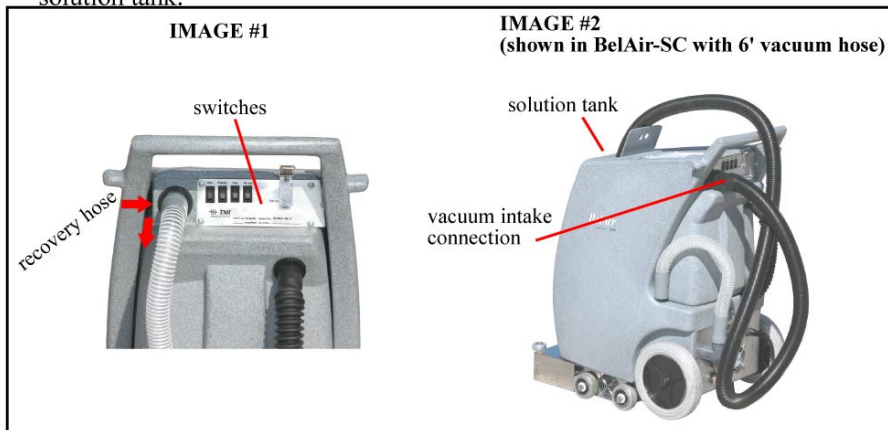
Above example images showing two different types of housings applying same procedures for most TMI extractors.

FOR BelAir-SC (6' vacuum hose comes with BelAir-SC)

Step 1: disconnect recovery hose from top of extractor. (image #1)

Step 2: connect the 6' vacuum hose to vacuum intake connection and insert the other end into solution tank. (see image #2)

Step 3: turn vacuum motor switches on and vacuum out all the excess water from solution tank.



HOW TO DRAIN MANUALLY FROM DRAIN HOSE

FOR TMI EXTRACTORS WITH DRAIN HOSE

Step 1: pull out upper drain hose from extractor. (see image #1)

Step 2: bring the hose into a bucket or other container or suitable dump area. (see image #2)

