U.S. PRODUCTS

QUALITY MADE IN THE USA

COBRA Mini
750C 120V

INFORMATION
&
OPERATING
INSTRUCTIONS

READ AND UNDERSTAND THESE INSTRUCTIONS
BEFORE OPERATING THE MACHINE

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Machine Specifications:

	US Products Cobra Mini 750C 120V
Pump	55 psi, oscillating
Vacuum	2-stage, 85” lift, 95cfm
Heater	None
Solution Tank Capacity	2.2 Gal
Recovery Tank Capacity	2.5 Gal
Vacuum Shut-off	Float Control
Dimensions	31” H 12” W 21" L
Weight	24 lbs
Warranty	2 year limited; Lifetime on body & heater

Machine and Purchase Specifications:

RECORD AND RETAIN THIS IMPORTANT INFORMATION

US Products Cobra Mini C
Serial Number:_____

Purchase Date: _____
Write the name and phone number of your distributor:
_____

_____

And don’t forget to register your purchase to activate your warranty

CRITICAL SAFETY INFORMATION & CAUTIONS

The acceptable use of this machine is for commercial/professional cleaning, for example, in hotels, schools, hospitals, and offices, rather than for personal housekeeping.

NOTE: Read all instructions before using this machine. Improper use or misuse of the machine can result in personal injury or property damage.





To reduce the risk of personal injury or property damage, follow these procedures:

- Connect to a properly grounded outlet only.
- Do not operate the machine in an explosive environment.
- Do NOT use Solvents.
- Never add water over 120°F/ 49°C to the solution tank.
- Do not pick up anything that is burning or smoking, such as cigarette, matches or hot ashes, or any health endangering dusts. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- To avoid electric shock, do not expose to rain or snow and keep from extremes in temperature. Store in a heated location. Use the machine indoors. Do not use outdoors.
- Do not use this machine to dry vacuum before wet cleaning.
- Do not use with damaged cord or plug. If the machine is not working as it should, has been dropped, damaged, left outdoors or flooded with water, return it to a service center.
- Do not leave the machine unattended when it is plugged in. Unplug the unit from the outlet when not in use and before servicing.
- Use only as described in this manual. Use only the manufacturers recommended attachments.
- Do not handle the plug, the cord, or the machine with wet hands.
- Extension cords must be 14/3 and no longer than 50 feet. Replace the cord or plug immediately if the ground prong becomes damaged.
- Do not put any object into opening. Do no use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep loose clothing, hair, fingers and all parts of body away from openings and moving parts.
- Liquid ejected at the spray nozzle could be dangerous as a result of its temperature, pressure, or chemical content.

READ AND SAVE THESE INSTRUCTIONS

YOUR NEW MACHINE:

US Products thoroughly tests every machine it sells before it is packaged. When you receive your new machine, examine the packaging for signs of shipping damage. Carefully unpack the machine and inspect it. If you see evidence of damage to the container or the contents, contact the freight carrier immediately.

Additionally, ensure all parts and accessories are present; if you notice anything missing, contact your distributor without delay.

NORMAL USE:

The US Products Cobra Mini is designed to clean small areas like furniture, area rugs, automobiles, and spots in carpets. These machines are not suited for cleaning the carpet in an entire room.

CHEMICALS:

The use of clear water in the machine is recommended, within the application of properly diluted cleaner as a pre-spray on the area to be cleaned; however, you may mix water and cleaning chemicals in a bucket -- according to directions on the chemical label -- and then pour into the solution tank. If you chose to use chemicals in the machine, always use a cleaner with a pH as close to neutral as possible to avoid premature wear of the pump, seals, and/or other components. Damage caused by the use of strong chemicals is not covered by the warranty.

The use of powder chemicals is discouraged; unless they are mixed very thoroughly and rinsed out completely at the end of the job, powdered cleaners could cause a build-up in the pump, lines, heater and/or quick disconnect. Any problem caused by a chemical build-up is not covered by warranty.

If foaming occurs as you clean, use a defoamer, either in the recovery tank or on the area being cleaned, to prevent overflow which can cause water damage to machine components.

TOOLS & ACCESSORIES:

Use only manufacturer's recommended tools and accessories. Our custom hand tool is rotational molded and will provide years of trouble-free use. If the spray valve on your cleaning tool begins to leak or if the spray tips get worn and are no longer providing a nice even spray pattern, order replacements from your distributor.

The solution line and vacuum hose are made of durable and long-lasting components and, with proper care, they both should last for years. Use a spray silicone to keep the quick connect couplings moving freely.

CARE AND MAINTENANCE:

For continual peak operation, clean the internal plumbing by rinsing with clear water at the end of each job. About once a month, rinse the machine with a commercial flushing compound to break-up any mineral or chemical accumulation that may have formed from the use of hard water or chemicals.

The vacuum motor and the pump do not require any scheduled maintenance; however, the vacuum motor may require replacement brushes after 700-1000 hours.

To help maintain a professional image; clean the exterior of the machine with an all purpose detergent, and protect it with automobile interior polish. Lubricate the wheels, castors, and quick disconnects with an all purpose, silicone spray.

VIEWS OF MACHINE

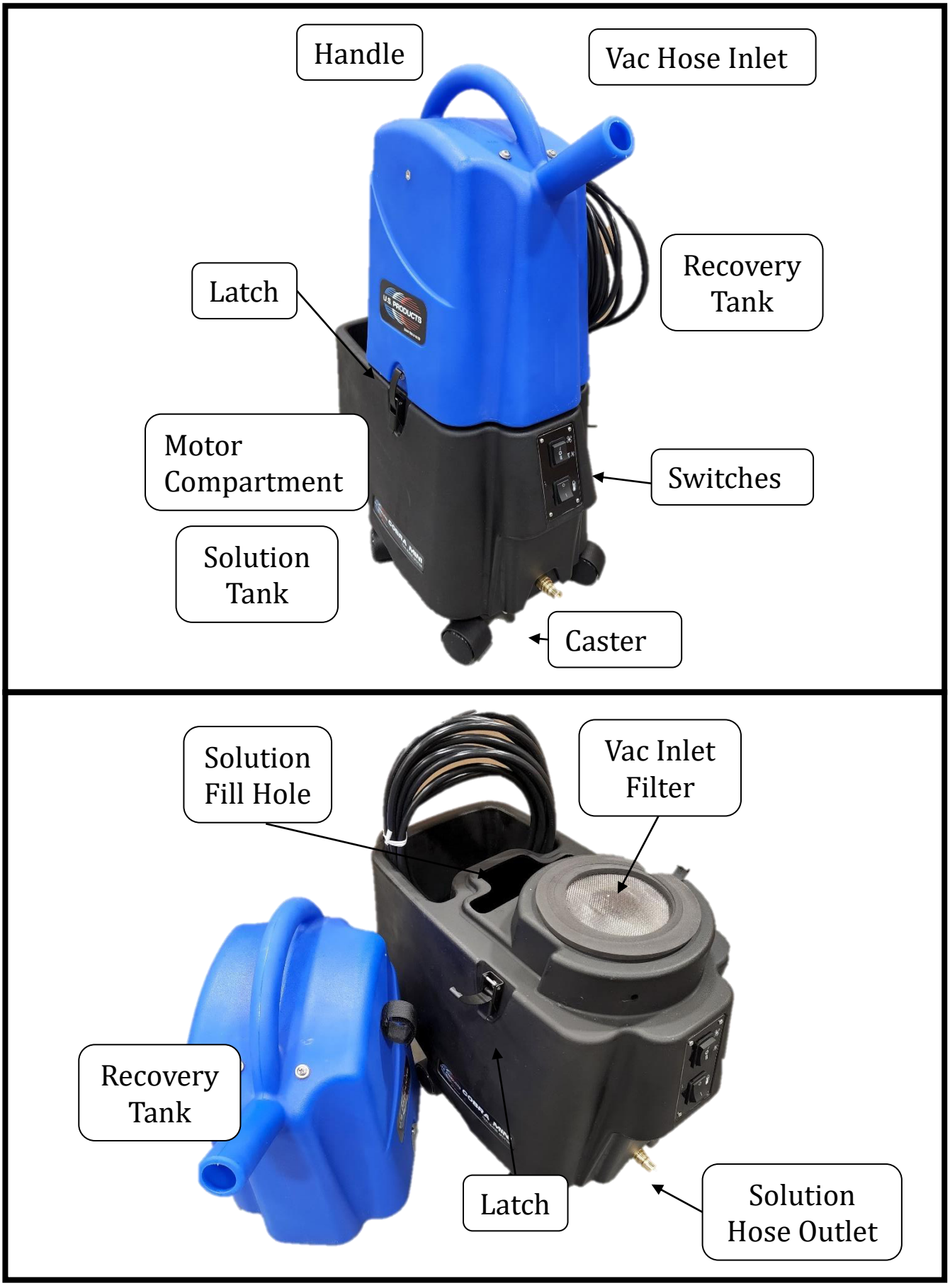


Figure 1

SET-UP AND OPERATING INSTRUCTIONS:

1. Before each use, inspect the machine, hoses, and cleaning tool for cleanliness and completeness, Ensure the spray nozzles on the cleaning tool are tight.

2. Release the two latches, grasp the handle on top of the recovery tank, and pull the recovery tank up (figure 1) and off the solution tank. Set the recovery tank aside.

3. Fill the solution tank with up to 2 gallons of clean, warm water.
   Never use water above 120°F or 49°C in the solution tank.
   CAUTION: Do NOT use solvents.

4. Replace the recovery tank back onto the solution tank and secure both latches.

5. Connect the solution hose to the quick coupling on the machine and connect the other end of the solution hose to your cleaning tool. Push the vacuum hose onto the vacuum inlet port on the machine's recovery tank and the other end onto the tool.

6. Plug the power cord into a properly grounded outlet.

7. Turn on the pump (figure 2, set the switch to the right to turn on both the pump and the vacuum and to the left to turn on only the vacuum. Middle position is off) and spray through your cleaning tool for a few seconds to fill the lines with water, then turn the switch off.

8. Pre-spray the area to be cleaned with a high quality, non-foaming cleaner mixed to product specifications. NOTE: If foaming occurs, use a defoaming agent to prevent damage to electrical components. Water damage is not covered by the warranty.

9. Turn on both the pump and vacuum (figure 2)

10. Begin cleaning. NOTE: the machine has a suction shut-off float in the recovery tank to prevent over flow. If the suction stops, turn off the machine, remove and empty the recovery tank.

11. When the job is finished, empty the recovery tank and rinse it clean. Remove any remaining liquid from the solution tank.

Switches

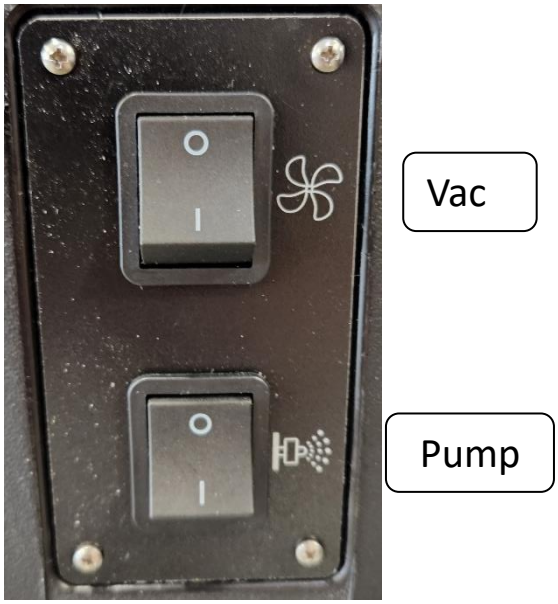
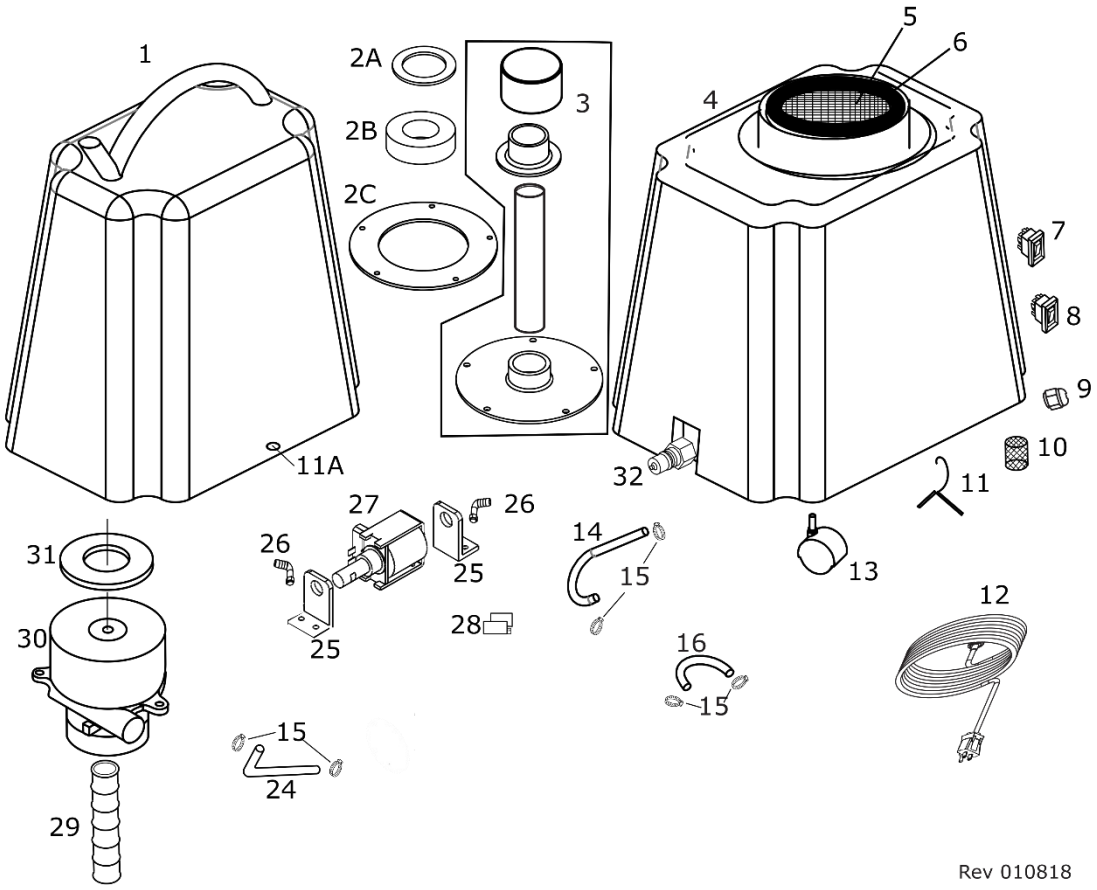


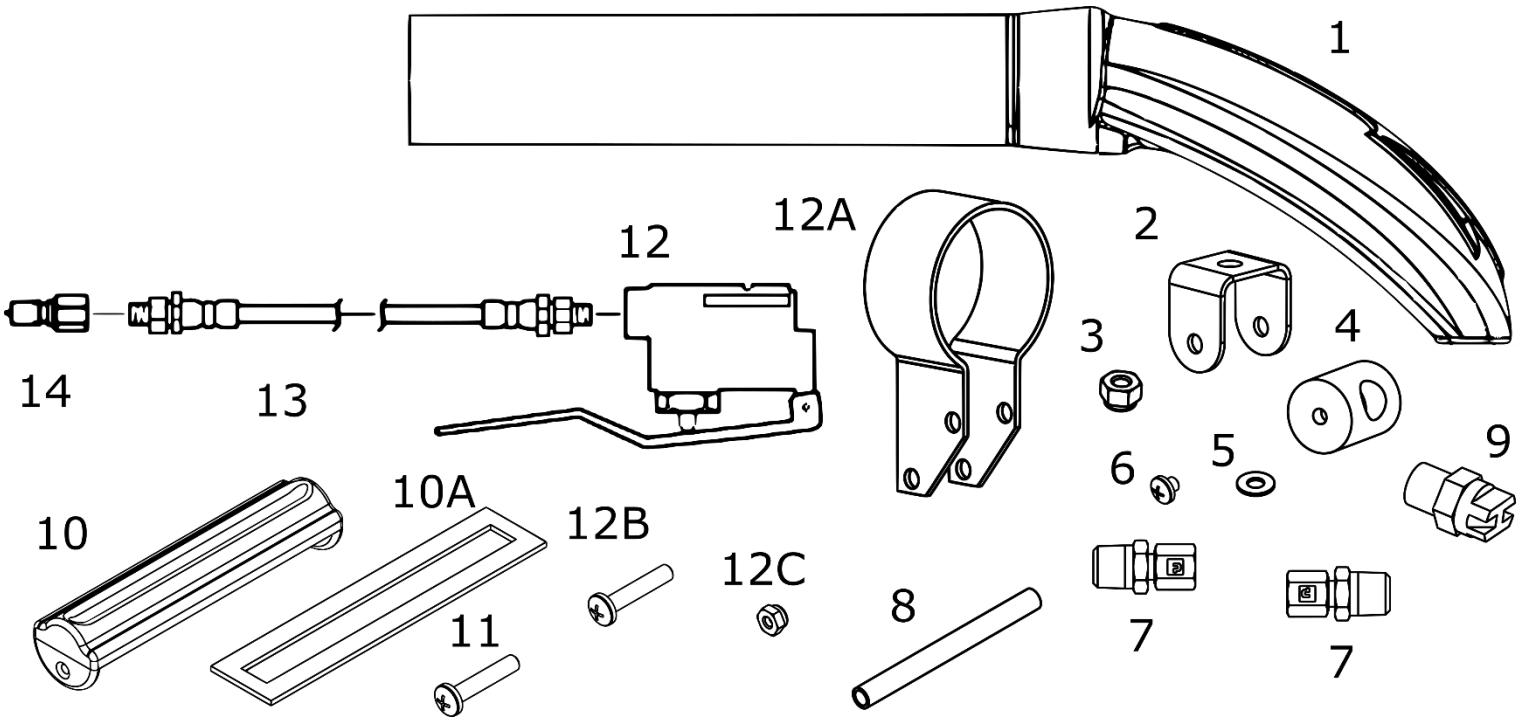
Figure 2

USP Cobra Mini C



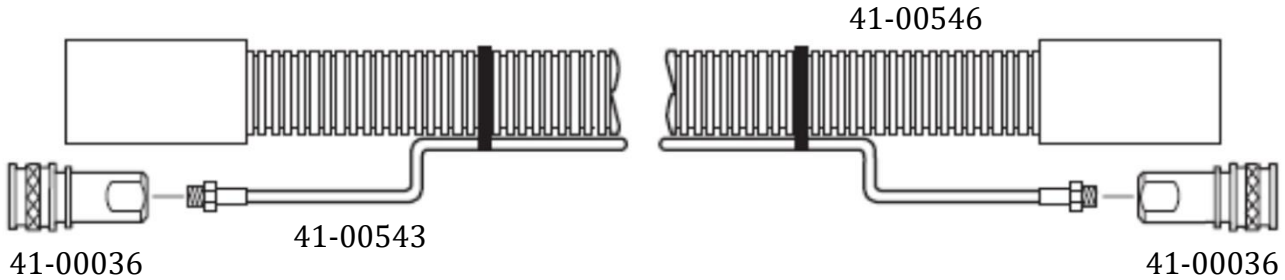
Item No.	Part No.	QTY	Description	Item No.	Part No.	QTY	Description
1	05-20018-FP0002	1	Tank, Recovery, Spotter	12	40-00000	1	Power Cord, 25 ft
2A	41-01309	1	Gasket, Top Float	13	52-00007	4	Caster
2B	41-01308	1	Gasket, Bottom Float	14	41-00525	1	Hose, 9”
2C	41-01307	1	Gasket, Float to Tank	15	41-00700	5	Hose Clamp, ¾”
3	05-20018-FP0100	1	Float Assembly, Repair	16	41-00526	1	Hose, Measure for Size
4	05-20018-FP0001	1	Tank, Solution, Spotter	24	41-00526	1	Hose, Measure for Size
5	41-00035	1	Screen, Vac Inlet, 5”	25	35-00002	2	Bracket, Pump Mounting
6	41-01305	1	Gasket	26	41-00074	2	Hose Barb, Nylon Elbow
7	40-00401	1	Switch, Rocker, Vacuum & Pump	27	50-00007	1	Pump, 55 PSI
8	40-00006	1	Plug, Switch	29	41-00530	1	Hose, 2” x 12”, Wire Reinforced
9	41-00016	1	Cord Retainer, For Power Cord	30	52-00000	1	Vac Motor, 120V
10	41-00068	1	Filter, Pump Inlet	31	41-01303	1	Gasket, Vac Motor
11	39-00020	2	Latch	32	41-00007	1	Quick Disconnect, Male
11A	41-09502	2	Catch for Latch				

USP Trident Detail Tool



Item No.	Part No.	QTY	Description	Item No.	Part No.	QTY	Description
1	05-20022-FP0001	1	USP UPH Wand	10	39-00030	1	4” Glide
2	35-00007	1	Bracket, Spray Manifold	10A	41-01321	1	Gasket, Glide
3	32-00006	1	Nut, Spray Manifold Bracket	11	34-00022	2	Screw, Glide Mounting
4	43-00020	1	Spray Manifold	12	41-01810	1	Detail Valve
5	31-00016	2	Washer, Spray Manifold	12A	35-00013	1	Bracket, Detail Valve
6	34-00043	2	Screw, Spray Manifold	12B	34-00051	2	Screw, Detail Valve Mounting
7	41-00138	2	Brass Compression Fitting	12C	32-00027	2	Nut, Detail Valve Mounting
8	41-00552	1	Copper Tube	13	05-20022-FP0002	1	Hose, Pressure, 12”
9	43-00026	1	Spray Tip	14	41-00007	1	Quick Disconnect

Detail Tool Hoses



USP Cobra Mini Warranty

This limited warranty begins on the date of the customers purchase and is valid and available to the original purchaser only.

10-YEAR LIMITED HOUSING WARRANTY

Manufacture warrants that all rotationally molded housing and tanks will be free from manufacturing defects, defects in workmanship, and defects in material for Ten (10) years from the date of original purchase, for the original purchaser only. This warranty does not apply and is void if there is evidence of improper use, altered, abuse or neglect. **Replacement cost does not include the cost of parts, shipping or labor**.

2-YEAR MAJOR COMPONENTS WARRANTY

Manufacturer warrants that, pumps, heaters and vacuum motors, are covered under a two (2) year limited warranty from the date of original purchase. This warranty does not apply and is void if the pump, vacuum motor, or heater has worn motor brushes, water damage, freezing, chemical build-up, chemical damage, or evidence of abuse, neglect or tampering. **This warranty covers the cost of the replacement parts, shipping of the new part and labor.** Manufacturer will ship parts via normal ground delivery prior to the return of the defective parts at normal charge to the Distributor. Extra charges for expedited or air shipments will be bill to the Distributor. Manufacturer will credit the Distributor for the replacement parts, if the defective parts are returned within 30 days and are determined to be covered under warranty. **This warranty does NOT cover the cost of shipping the damaged parts back to Manufacturer for evaluation.** If a component is replaced, Manufacturer will offer a new 90-day limited warranty on the new component.

90-DAY WEAR PARTS LIMITED WARRANTY

Manufacturer will replace all wear parts for 90 days from the date of original purchase of new equipment. Wear parts are items which wear out as a result of usage or the passage of time and are consumed despite attempts to maintain them, such as gaskets, wheels, brass, cords, wires, electrical terminals, hoses, switches, thermostats, plastisol parts, filters, bearings, brushes, solenoids, O-rings, bulbs, castors, or other parts deemed wear items is manufactures sole discretion. **This warranty covers the cost of replacement parts, Labor and shipping**

Proof of purchase required

TROUBLESHOOTING



ALWAYS UNPLUG THE MACHINE BEFORE DISCONNECTING OR CONNECTING ANY WIRES OR COMPONENTS

SYMPTOM	POSSIBLE CAUSE
No spray	Solution tank is empty; Solution hose is not completely connected to machine & tool; Spray tip on tool is plugged; Pump is not running; Pump inlet filter is dirty or plugged;
Pump not running	No power to pump; • Check outlet for power; • Power to cord or switch is bad;
No Heat	Heat switch is not turned on or is not working; thermal fuse at heater is blown; thermal switch on heater is not closing
Low suction	Recovery tank not sealed; Damaged vacuum gasket; Dirty vacuum inlet screen; Recovery hose loose or cracked;
No suction	Recovery tank is full; Vacuum motor is not running ; • Check outlet for power; • Power cord is bad; • Bad switch; • Bad vacuum motor;

Always use original equipment replacement parts.
Contact your distributor for additional information or to arrange for service.