

RESTROOM CLEANING SYSTEM
TROUBLESHOOTING CHECKLIST

<u>AREA</u>	<u>PROBLEM</u>	<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
<u>Electrical</u>	No Power to pump or vac	GFCI tripped	Test and Reset GFCI
		Building circuit overloaded	Check and Reset circuit
		Switch wires loose	Disconnect power and check for loose connections
	Electrical Burning Smell		Call equip dept
<u>Vacuum System</u>	No / Weak Vac or Suction	Squeegee blades or wheels worn	replace wheels or blades and check periodically
		Float shutoff screen dirty	Spray off float screen to clean
		Float ball stuck	Tap float and release / replace
		Dump hose plug missing	Call equip dept to order
		Damaged hose	Call equip dept to order
		Access lid not tight	Tighten lid hand tight
		Vacuum hose plugged	Flush hose to remove debris
		Vac hose still wrapped	unwrap vac hose from machine completely
	Moisture from exhaust	Exhaust plugged	Remove HEPA filter and clean
		Vac tank full	Dump vac tank
		Float shutoff missing	Replace Float shutoff
	Excessive from exhaust	Use defoamer in Recovery tank	
<u>High Pressure</u>	No Water from pump or low	Gun nozzle plugged	Remove orifice with Allen wrench and clean
		Air in pump	Use vac hose to prime pressure hose
		Gun orifice missing	Replace orifice
		Quick disconnect leaking	Tighten or replace
		Injector plugged	Call equip dept
		hose kinked	unkink and check for damage
	Bad fan pattern or pinpoint	Debris in nozzle	Remove orifice with Allen wrench and clean
		Orifice damaged	Call equip dept to order

<u>Chemical Injection</u>	No chemical flow	Safety cap not secure	check / tighten safety cap
		Chemical valve "OFF" or wrong	Check valve position corresponds with correct chemical
		Safety cap plugged	Replace Cap
		Spray gun in wrong mode	Chemical draw only works in low pressure mode.
		Metering tip plugged	clear clog in metering tip
		Air entering system	Check for air entering system areound chemical lines or
	Not enough chemical	Kink in chemical line	replace chemical line
		Metering tip plugged	Remove and clean
		wrong metering tip	Check and replace
		Chemical line blows off safety	Debris in injector
Water back flows into chemical	Bad seat on injector check valve	Call equip dept	
	Bad safety cap	Replace safety cap	
<u>Dump System</u>	Dump hose leaks	Hose damaged	Call equip dept to order
		Hose clamp is loose	Tighten hose clamp
		Dump hose cap is missing	Call equip dept to order

AUTOSCRUBBER TROUBLESHOOTING
CHECKLIST

<u>AREA</u>	<u>PROBLEM</u>	<u>POSSIBLE CAUSE</u>	<u>SOLUTION</u>
<u>Electrical Supply</u>	No Power	Bad Batteries	Replace Batteries - Call equip dept to order
		Batteries need to be charged	Charge batteries, make sure charger is turning on
		Loose Battery connections	Clean and tighten battery connections
		Batteries not connected correctly	See diagram on machine, make sure batteries are installed
	Short Run time	Batteries need to be charged	Charge batteries, make sure charger is turning on
		Batteries need maintenance	Check water levels. Fill with only distilled water to 1/4" below
		Bad Cell in one or more Battery(s)	Contact equip dept
		Bad Charger	make sure charger turns on, try another charger if you have
<u>Brushes or Pads</u>	Brush Motor does not run	Brush circuit breaker has tripped	Check brush motors for obstruction and reset breaker
		Bad or Loose wiring connection	Check for loose or damaged wiring and connections to brush
		Bad Brush Motor	Contact equip dept
		Bad Solenoid Switch	Contact equip dept
		Pad driver falling off	check attachment for damage or debris, contact equip dept
		Pads leaving swirls or streaks	Clean and flip pads, change if needed, make sure center lock
<u>Vacuum System</u>	Vac motor does not run	Bad Vac Switch	Check for good connections, contact equip dept
		Bad Wiring	Check for good connections and damaged wires, contact
		Bad Vac Motor	Contact equip dept
		Batteries Dead	Charge batteries, make sure charger is turning on
	Poor Solution Pick Up	Squeegee dirty or clogged	Remove Squeegee, clean and remove debris, reinstall
		Squeegee blades worn	flip squeegee blades, up to 4 times. Then replace, contact
		Squeegee blades not installed correctly	Slotted squeegee goes in front. Squeegee should be even and
		Squeegee assembly loose or not	Make sure mounting hardware is tight and installed correctly
		Loose or damaged Vac hoses	Make sure vac hose is tight and there are no kinks or holes.
		Clogged vac hose	remove hose, remove clog by pushing broom handle through
		Drain hose cap is loose or missing	Tighten or replace. Contact equip dept to order
		Vac motor mounting screw are loose	tighten screws and bolts, but do not overtighten.
		Recovery tank lid is loose	Make sure recovery tank seal is good and that it is tight
		Recovery tank inlet hole is clogged	Remove vac hose and clear clog from inlet
		Recovery tank is full	Drain tank
		Float shut off is plugged	Clean float shut off screen inside recovery tank, remove any

<u>Solution System</u>	Little or No Solution Flow	Bad solution solenoid swith	Contact equip dept
		Clogged solution filter	Remove and clean filter, this could be an inline filter or inside
		Solution line plugged or obstructed	Remove solution line and remove obstruction
		Solution control valve turned down too	Turn up the solution rate, by turning knob to the right or