

## Ultimate Vacuum Maintenance - Coin-op

Maintenance requirements are dependent on the use of the equipment. Daily service interval should be scheduled with collectors. For customer service call 1-877-785-1897 or FAX 616-791-9925. You can also e-mail us at [techservices@ginsan.com](mailto:techservices@ginsan.com)

### Frequency

### Maintenance Procedure

Daily

**Vending Section** - Remove money. Check operation of coin mechanism and timer by depositing coins - note cycle time. Check coin return operation (if present). Be sure locks are secure.

**Filter Maintenance** - Open upper door on side of vacuum tank (be sure lower door is closed). Squeeze filter bags to check for paper and larger litter that may have been trapped inside bags. Tap or shake each bag to remove dirt and dust. Clean filter bags should be approximately 1/8' thick when pinched together. Inspect filter bags by sight and touch for signs of wear, and replace if holes are found. Wipe gasket and edge of door opening to insure proper seal. Close door securely, and check for proper gasket seal.

**Trash Removal** - Open lower door on side of vacuum tank. Remove dirt and trash to appropriate disposal facility. (This job is greatly improved with the optional Vinyl Tankliner ). Visually inspect intake tube located at the front of the vacuum for clogs. Wipe gasket and edge of door opening to ensure proper seal. Close door securely, and check for proper gasket seal.

**Vacuum Performance** - Check suction. Clear hose clogs by reversing hose end for end. Check cuff or tool for excess wear. Cover hose end with hand and check for leaks on doors and gaskets. Hint: A piece of poly bag or other light material is handy for pinpointing suspected leak areas.

Monthly

**Locks** - Lubricate all locks with graphite or other suitable lubricant.

**Motors/motor brushes** - Remove dome ( CAUTION ELECTRIC SHOCK HAZARD ). Check operation of vacuum motors (with unit on) for excess flash at the commutator/brush contact points. Turn off power. Inspect vacuum motor brushes and replace if they are worn. Regular replacement of brushes greatly increases the life of the vacuum motor. Inspect motor mounting bolts and the motor gaskets to ensure that they are providing an air tight seal.

**General Maintenance** - Clean and polish the exterior surface of the vacuum with a stainless steel cleaner and a soft cloth.

## Ultimate Vacuum Performance Checklist - Coin-op

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<u>Symptom</u>	<u>Problems</u>	<u>Correction</u>
Motor won't run Wiring sparks Electric shock	Circuit Defect	Disconnect power prior to maintenance. Check fuses or breaker. Inspect and check for damage, pinched, or cut wires.
Slow motor speed Overheating Blows fuses	Low Voltage	Check circuit for capacity. Disconnect other loads on circuit. Check for proper wire size. Inspect motors and fans.
Dust leakage Slow pick-up Exhaust spray	Overfilling	Shake filter fabric or wash and dry. Empty dirt tank. Inspect filter for holes. Check tool and hose for partial clogging.
No suction High motor speed	Air blockage	Check tool, hose, and tank inlet for obstruction. Reverse hose end-for-end or push out obstruction with broom handle. Shake out and clean filter. Empty dirt tank. Clear fan inlet.
Poor suction Hard to Latch Bad Filter Fit	Air leakage	Check dirt door gaskets, motor gaskets and hose connections for air leaks. Repair or replace any damaged parts.
Motor sparking Fast motor stop Noises in motor	Motor Wear	Disconnect power prior to maintenance. Check brushes for showing of spring, sparking heavily, or if worn to less than 1/2" of carbon left. Grinding noise or fast stopping may require motor replacement. Check for foreign object in motors or fans.