MAINTENANCE

DAILY MAINTENANCE

⚠ WARNING: Unplug power cord(s) before servicing or making any repairs.

1. Flush the entire system, including floor tool, hand tool, etc., with 1 to 3 gallons of clean, hot water.

2. Vacuum out the solution tank.

3. Rinse tank with fresh water. Periodically inspect the recovery tank and decontaminate if necessary, using a Hospital Grade Virucide or a 1-10 bleach to water solution. Wastewater should be disposed of properly.

4. Occasionally check filter screen at the bottom of the solution tank and rinse clean with hot water if necessary.

5. Inspect hoses for wear. Frayed or cracked hoses should be replaced to avoid vacuum or solution pressure loss.

6. Inspect power cord for wear or damage. This cable will lie on wet carpet. To prevent electrical shock replace cords that are frayed or have cracked insulation immediately.

7. Clean all dirt and obstructions from drain valve and gaskets to prevent possible leakage and premature wear.

8. Run clean water through solution pump when work is complete.

9. Empty both tanks and rinse, run vacuum (s) for at least one minute to dry motor(s).

10. Store with access covers removed to allow tanks to dry.

⚠ WARNING: DO NOT attempt to repair hose! Repairing high-pressure hoses may result in severe burns and serious injury.

PERIODIC MAINTENANCE

1. Twice a month, flush a white vinegar solution (One quart vinegar to two gallons of water) or anti-browning solution (mixed as directed) through the extractor, turning pump switch on/off several times, flush with clean water. This will prevent build-up of alkaline residue in the system.

2. Check hoses for wear, blockages, or damage. Frayed or cracked hoses should be repaired or replaced to eliminate vacuum or solution pressure.

3. Check all handles, switches, knobs, electrical cables and connections on your machine for damage. If the cable insulation is broken or frayed, repair or replace it immediately. Don't take chances with electrical fire or shock.

4. Clean out solution tank. Remove and clean solution screen.

5. Clean outside of all tanks and check for damage.

MONTHLY MAINTENANCE

1. Check all bearings for noise and wear.
2. Check all gaskets for wear and leakage.
3. Check pump pressure; observe spray pattern and check gauge if necessary.
4. Check overall performance of machine.

SEMI-ANNUALLY

1. Check vacuum motor brushes.

LUBRICATION

For hose fitting lubrication, use a light silicone lubricant which will not damage o-rings.

STORAGE

Thoroughly clean machine if it is to be stored. Protect this machine from freezing while in storage.
HEAT MODELS ONLY: Be sure to thoroughly drain water out of heater lines prior to storage in colder climates. This heater will freeze and possibly crack voiding your warranty.

⚠ WARNING: Only qualified maintenance personnel are to perform the following repairs.

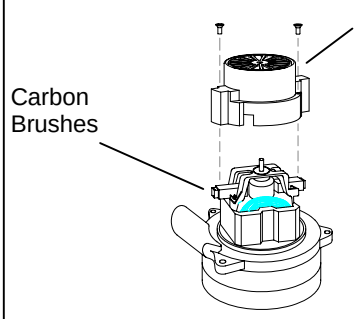
VACUUM MOTOR REPLACEMENT

1. Turn off all switches and unplug machine.
2. Remove recovery tank.
3. Locate the vacuum motor wires and disconnect at the connector.
4. Remove the vacuum motor.
5. Reverse process to install vacuum motor.

SOLUTION PUMP REPLACEMENT

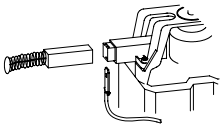
1. Turn off all switches and unplug the machine.
2. Remove recovery tank.
3. Remove solution hoses from fittings in pump.
4. Remove the screws that fasten the pump to the frame.
5. Reverse process to install pump.

Vacuum Motor Carbon Brushes Replacement (Windsor)

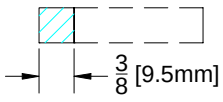


WARNING: The green ground wire must be attached for safe operation. See wiring diagram.

If armature commutator is grooved, extremely pitted or not concentric, the motor will need to be replaced or sent to a qualified service center.

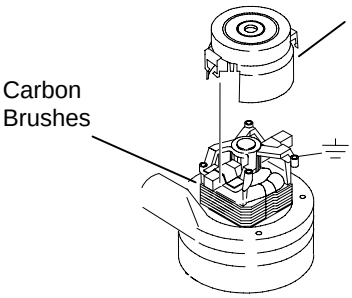


Important:
These brushes wear quicker as the length shortens due to increased heat. Spring inside brush housing will damage motor if brushes are allowed to wear away completely.



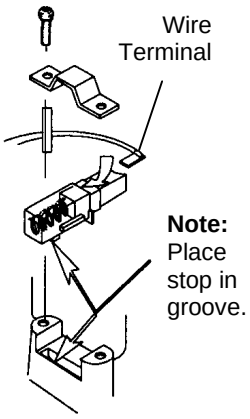
Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" (9.5mm) long.

Vacuum Motor Carbon Brushes Replacement (Ametek)



WARNING: The green ground wire must be attached for safe operation. See wiring diagram.

Note: When replacing carbon brushes loosen wire terminal **BEFORE** removing screws on bracket.



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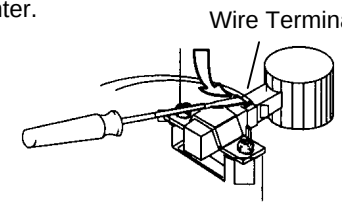

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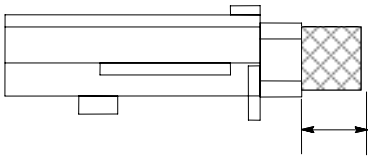

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