



Owners Manual

TEMPEST

Dual Motor Box Extractor

Model: TP 18DX

Starting Serial No. 5000

NOTE: As with all electrical equipment, care and attention must be exercised at all times during its use, in addition to ensuring that routine and preventative maintenance is carried out periodically in order to ensure its safe operation. In particular the electrical supply cable should be regularly inspected by a competent person and immediate action taken to rectify any faults found. Failure to carry out maintenance as necessary, including replacement of parts to the correct standard, could render the equipment unsafe and the manufacturer can accept no responsibility in this respect. See the enclosed exploded drawings for correct replacement parts.

Before using your machine, you must familiarize yourself with all its components.

MACHINE COMPONENTS

Vacuum Dome

The vacuum dome is located on top of the recovery tank. It is held in place by vacuum suction when in operation. Just underneath the vacuum dome there is a screen to prevent debris from entering the vacuum tube leading to the vacuum motor.

Recovery Tank

The recovery tank is located on the top of the machine. It is attached to the solution tank (lower) by four latches. It is possible to remove the recovery tank from the solution tank but — you must first disconnect the electrical connector at the rear of the machine. This connector has a swivel lock. To remove this connector you should first disconnect the power cord from the wall outlet. Then simply rotate the connector ring counterclockwise and gently pull down. Remove the vacuum hose entering the recovery tank from below. The solution tank can now be removed.

When using accessory cleaning attachments, the hose leading from the floor vacuum shoe should be removed from the rear of the recovery tank and replaced with the accessory vacuum hose.

At the lower left side of the tank is the recovery drain hose. It is held in place with a hose clip. To remove the cap, unscrew in a counterclockwise direction.

NOTE: When reconnecting the electrical connector to the recovery tank it is very important to make sure the connection is secure — but do not over-tighten the connector ring.

Solution Tank

The solution tank is the lower unit. It can be filled with water via the front spout using a clean bucket or with a hose direct from the faucet. The solution tank has water conduit with an inlet filter and weight. The weight must be at the inlet filter end of the hose to keep it submerged.

At the rear of the solution tank is a panel that encloses the pump. Exiting from this panel is a quick coupler. For use, the extraction hose solution line should be connected to the quick coupler.

NOTE: Never fill the unit using a dirty bucket. This may cause damage to the pump system.

OPERATION

To operate the machine, follow the instructions below.

Fill: Unplug the machine from the wall outlet. Ensure that the water pick-up line and weight are in place. Fill the machine with hot clean water using a clean bucket or hose direct from the faucet. Then, pour into the solution tank an appropriate quantity of a good quality extraction cleaning agent.

Note: This agent should be low foaming to avoid vacuum motor damage.

Plug In: Plug the machine into the wall outlet.

Vacuum: Locate the vacuum motor switches marked VACUUM 1 and VACUUM 2 .

Solution: Locate the solution pump switch marked PUMP .

Install the accessory solution hose at the female quick disconnect exiting the rear panel. Install the accessory vacuum hose at the rear of the recovery tank. Attach to the other end your choice of accessory tool. Turn the vacuum motors on and turn on the solution pump. Water will flow when the valve on your accessory tool is depressed.

IMPORTANT: Watch the recovery dome for signs of excess foaming. If excess foam develops, turn the machine off immediately and empty the recovery tank. Use a defoamer to cut down on foam generation in the recovery tank.

MAINTENANCE

After Every Use

- 1) Empty solution tank using the drain valve under the machine.
- 2) Put some fresh water in the solution tank and pump this through the system. This will help keep the pump system clean.
- 3) Clean the recovery dome and gasket.
- 4) Clean any lint or debris from the vacuum inlet screen inside the recovery tank.
- 5) Thoroughly rinse and drain the recovery tank to prevent odours from developing.
- 6) Run the vacuum motors for 1 to 2 minutes. This will help remove any moisture from the motor fans and fan casing.

Periodically

- 1) Inspect power cord and plug for damage.
- 2) Flush the pump system with an acidic de-calcifying solution to remove deposits.
- 3) Check the spray jets water dispersion pattern on your accessory tools. Clean or replace jets if pattern is erratic.
- 4) Check & clean the water inlet filter in the solution tank.

TECHNICAL SPECIFICATIONS

Power Required	115V, 50/60Hz	Vacuum Motors	2 - 2 stage, bypass 1,000W, 1.3 Hp ea.
Consumption	15 amps	Airflow	212 cfm (max.)
Solution Capacity	18 gallons	Waterlift	100 inches (max.)
Recovery Capacity	18 gallons	Power Cord	42
Pump Pressure	100 psi (max.)	Weight	95 lbs.
Pump Type	diaphragm, with bypass		
Cleaning Width	varies depending on accessory tool		

WARNINGS

Do not use for any potentially hazardous or health endangering material recovery.
Do not use the machine in corrosive or flammable environments.

Servicing

Only qualified personnel should perform service on this product.

This machine is fitted with a grounded power cord. Only use with a properly grounded electrical outlet. Always use the appropriate parts when making any repairs. Failure to do so may compromise the safety of the product.

Always use genuine NACECARE SOLUTIONS parts for any repairs required.

1205 Britannia Road E., Mississauga, Ontario, Canada L4W 1C7
Tel: (905) 795-0122 Fax: (905) 795-0038
U.S. Toll Free Tel: 1-800-387-3210
Toll Free Fax: 1-800-709-2896