

Safety, Operations & Maint. Manual

Cleanfix[®] Parrot (RA 300 E)



This unit is intended for commercial use

This manual is furnished with each new **Parrot (RA 300 E)**. It provides necessary operation and maintenance instructions.

READ AND FOLLOW ALL INSTRUCTIONS, WARNINGS AND CAUTIONS BEFORE AND WHEN USING THIS AUTO-SCRUBBER.

All information and specifications printed in this manual are current at the time of printing. However, because of Cleanfix's policy of continual product improvement, we reserve the right to make changes at any time without notice.

WHEN THE MACHINE IS DELIVERED

This scrubber will afford you many years of trouble-free operating satisfaction, provided it is given proper care. All parts are passed rigid quality control standards prior to their being assembled to the finished product. Prior to packaging, your scrubber was again inspected for assurance of flawless assembly.

This automatic scrubber is protectively packed to prevent damage in shipment. When the machine is delivered carefully check the carton for signs of damage. Unpack the machine from the carton and inspect it for any possible damage.

Only a visual examination will reveal damage that may have occurred in transit. If damage is discovered, immediately notify the transportation company that delivered your scrubber and request an inspection. As a shipper we are unable to report any claim for damage. You must origin any claim within 5 days of delivery. Be sure to keep the carton, packing inserts, packing list and carrier's receipt until the inspector has verified your claim. **CLEANFIX'S LIABILITY CEASES WHEN THE SHIPMENT IS PICKED UP BY THE CARRIER.** Cleanfix will furnish any information needed to expedite the claim process.

GENERAL PRECAUTIONS

FAILURE TO FOLLOW PRECAUTIONS AND WARNINGS MAY CAUSE SERIOUS INJURY TO THE OPERATOR AND CAUSE DAMAGE TO MACHINE, WHICH CAN VOID WARRANTY. TO REDUCE RISK OF FIRE, ELECTRIC SHOCK OR INJURY: READ ALL INSTRUCTIONS BEFORE AND WHEN USING THIS SCRUBBER.

WARNING

To Avoid Electric Shock, Do Not Expose to Rain. Store Indoors.

- For 120 volt grounded outlet models. The unit must be plugged into a properly grounded outlet. **Do not** operate the machine with a broken/missing grounding pin. Have a qualified service person replace the plug immediately.
- **Do not** leave the electric scrubber when plugged in. Unplug from outlet when not in use and before servicing.
- Turn **OFF** all the controls before unplugging the scrubber.
- This is **NOT** a toy. Close attention is necessary when used around or near children.
- Use only as described in this safety/operations manual. Use only manufacturer's recommended attachments and accessories.
- **Do not** use this electric scrubber with damaged cord or plug. If the scrubber is not working as it should, because it has been dropped, damaged, left outdoors or dropped into water, contact authorized service center or factory.
- **Do not** pull or carry scrubber by the cord, use cord as a handle, close a door on cord or pull cord around sharp edges and corners. **Do not** run scrubber over cord. **Keep** cord **away** from heated surfaces.
- **Do not** unplug the scrubber by pulling on the cord. To unplug, grasp the plug, not the cord.
- **Do not** handle the plug of the electric scrubber with wet hands.
- Store scrubber indoors in a dry area. **Do not** expose to freezing temperatures.
- **Do not** use this scrubber for dry vacuuming. This scrubber is not fitted with a fine dust filter.
- **Do not** use the scrubber to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- **Do not** use this scrubber to clean surfaces that have dust or substances that are flammable, poisonous, caustic, or irritants and represents a health hazard.
- **Do not** use where anesthetics or oxygen is used.

GENERAL PRECAUTIONS (continued)

- **Do not** use an extension cord unless absolutely necessary. If an extension cord is used, the wire size must be 14 ga. or larger and should not exceed 50 feet in length. The extension cord must be three-wire type to insure grounding protection.
- Replace damaged or worn parts immediately with genuine original equipment parts to maintain safety and to protect your limited warranty.
- **Do not** run pump dry. When solution tank is empty, turn off the pump.
- **Do not** put any objects into openings. **Do not** use with any opening blocked; keep free of anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- **NEVER** drive scrubber over steps.

CARE OF THE SCRUBBER

This scrubber is designed to be safe when used to perform cleaning functions as specified. Should damage occur to electrical parts, the unit should **NOT** be used until the damage is repaired by the manufacturer of an authorized service center. This will avoid further damage to the scrubber or injury to the user.

These instructions are for your protection and information.

PLEASE READ CAREFULLY! Failure to follow instructions or precautions could result in injury or damage to the user and/or the scrubber.

SAVE THESE INSTRUCTIONS!

GROUNDING INSTRUCTIONS - 120 VOLT

Electrical equipment must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock.

The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

The scrubber is equipped with a cord having equipment grounding conductor and grounding plug.

If repair or replacement of the cord or plug is necessary, **DO NOT** connect the grounded wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

WARNING

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded.

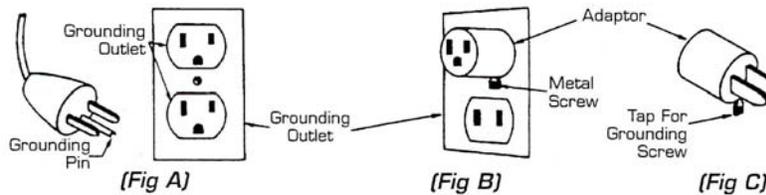
Do not modify the plug provided with the equipment. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Note: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.

GROUNDING METHODS

This electric equipment is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug illustrated in (Fig. A). A temporary adaptor that looks like the adaptor illustrated in (Fig. B & C) may be used to connect this plug to a 2-pole receptacle as shown in (Fig. B) if a properly grounded outlet is not available.

The temporary adaptor should be used only until a properly grounded outlet (Fig. A) can be installed by a qualified electrician. The green color rigid ear, lug or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw (Fig. C).



DANGER:
Improper use of the
grounding plug can
result in a risk of
electrical shock.

SAFETY & CHEMICAL INFORMATION

Operation Safety

1. **DO NOT** run the brushes when the scrubber is stationary as it may cause damage to the surface being cleaned.
2. Tilt scrubber back when moving, especially over thresholds or sills to prevent damage to the brushes.
3. When transporting in elevators, their safety regulations and precautions are to be respected as well as maximum load capacity of the elevator.

Chemicals

1. Always consult the correct use and safety precautions as detailed on the chemicals manufacturers' label. If required, wear appropriate recommended clothing and safety glasses.
2. Only use low foaming and non-flammable chemicals which **DO NOT** include hazardous components.
3. **DO NOT** use flammable, poisonous, hazardous or explosive chemicals.

SCRUBBER OPERATION

1. This scrubber is designed for wet cleaning on waterproof surfaces inside buildings. All other usage is improper.
2. The manufacturer takes no responsibility for damage due to improper use of the scrubber. The user takes the entire risk for damage due to improper use.
3. Following the operating, maintenance and repair instructions is required.
4. The appropriate accident prevention rules, as well as other known regulations for health and safety in operation must be followed.
5. Any changes to the scrubber will void the warranty. Any damage that may occur as a result of those changes will be the sole responsibility of the owner.
6. Check the suitability of the floor surface before using the scrubber.
7. Check that the wheels and brushes will not damage any surface to be cleaned, especially gymnasium floors.
8. If the scrubber is misused, the manufacturer will not be responsible for any form of warranty.

FUNCTIONAL PARTS AND ACCESSORIES

Intermittent Solution Lever

Vacuum Switch

Brush / Solution Switch

Cord & Cord Wrap

Adjustable / Folding Handle

Sight Dome

Solution / Recovery Tank

Grip Handle

Disc Brushes

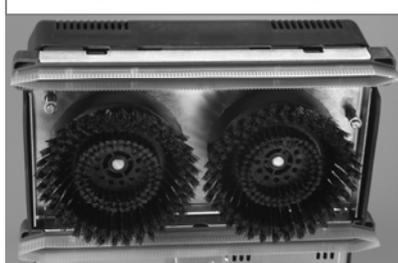
Squeegees (front & rear)



COMPACT FOLD-UP



QUICK RELEASE BRUSH



REMOVABLE TANK FOR EASY FILL & DRAIN

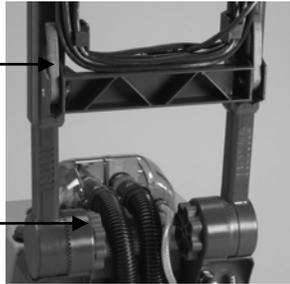


TO OPERATE AS A SCRUBBER

1. Prepare the floor surface by sweeping or vacuuming before using the scrubber.
2. Make sure all the switches are OFF.
3. Select the proper floor brushes or pad drivers and floor pads for the cleaning operations.

Handle Height Adjustment

Handle Angle Adjustment

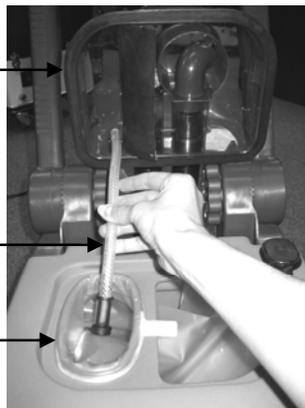


4. Adjust the handle to the best position for comfortable operation.
5. Fill a clean bucket with clean water, and pour it into the solution tank opening, maximum capacity 2.5 gallons.
6. Add the chemical required. Check the label for dilution rates.

Gasket

Short Solution Hose

Rear Rim



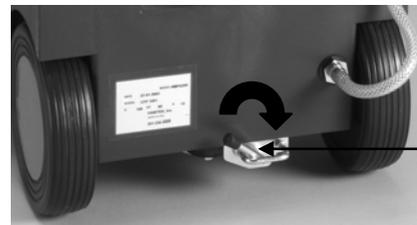
7. Place the solution hose to the far side of the tank making sure the hose is not bent. Place the dome to the rear rim of the tank and press the dome gasket gently into the front rim.
8. Check to make sure the short solution hose located at the bottom right on the scrubber is plugged into the female QDC connector.
9. When using an external cleaning tool unplug the hose and plug in the solution hose to the attachment you are going to use.

10. Plug in the power cord, turn on the vacuum switch, and then the brush switch.

Solution Lever



11. Start cleaning by squeezing the solution lever and push the scrubber forward and reverse.



12. If the floor is very dirty, turn OFF the vacuum switch. Using the squeegee lever, lift the squeegee off the floor. Squeeze the solution lever to add more cleaning solution to the floor. Scrub the floor thoroughly.
13. Turn ON the vacuum switch, lower the squeegee to the floor, and vacuum up the dirty solution.
14. While cleaning, monitor foam level in the recovery tank. If heavy foam is building, pour a quality defoamer into the recovery tank.
15. Periodically check the solution level in the tank. NEVER allow brushes or pads to run dry, otherwise both the pump and the floor may be damaged.
16. Periodically inspect the squeegee blades for obstructions (sand, cigarette butts, paper, etc.), clear, then continue cleaning.
17. Before refilling the solution tank, flush the recovery tank with clean water.

IMPORTANT

DO NOT leave solution in the bladder. After each use thoroughly wash out the bladder. This will help extent the bladder's life.

WHAT TO USE WITH THE SCRUBBER

Type of Cleaning

Daily or weekly cleaning on waterproof surfaces.

Chemicals

Floor cleaner, degreaser, maintenance cleaner, scented cleaner depending upon the degree of dirt on surface.

Scrub Brushes/Pads

Nylon brushes, red, green or white pads depending on condition of floor.

ROUTINE MAINTENANCE

If you maintain this scrubber carefully it will stay in working order for a long period of time. Check the unit regularly for any wear and tear.

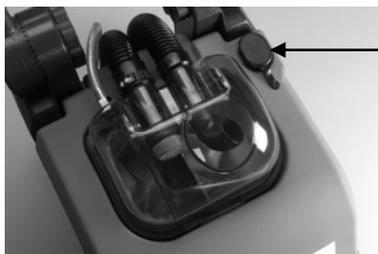
1. Check rubber squeegee blades.
2. DO NOT clean the scrubber with pressure washer.
3. When servicing or making repairs use only genuine original equipment parts.
4. Repairs and service should only be made by an authorized service center or the factory.
5. Monthly Maintenance: Check all the gaskets, tighten loose nuts and bolts.
6. Every (6) months check vacuum motor carbon brushes, if worn to 3/8" length or less replace.

TO MAINTAIN THE SCRUBBER – DAILY

1. Remove dome cover from the tank and set it down behind the scrubber.

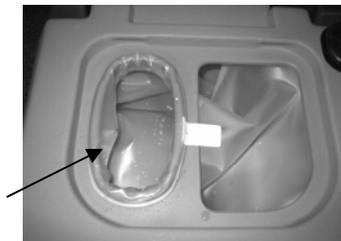


2. Remove the tank and carry it to a floor drain or sink.



Drain Plug

3. Open the drain plug from recovery tank and empty the tank.



4. Remove solution bladder from tank by gently pulling tab on the bladder upwards.
5. Once the edge of the bladder comes over tank rim opening, push the entire bladder back into the tank and remove bladder through the large opening of the recovery tank. Empty the solution bladder and rinse with clean water.
6. Hang up the solution bladder to dry.
7. Flush out the recovery tank with clean water to remove dirty solution. Drain tank.
8. When replacing the bladder make sure it fits properly into the recovery tank.
9. The bladder tab must be fitted on the left side of solution tank opening seen from the rear operator's position.
10. Clean the dome, cover, vacuum hose and solution hose thoroughly. Make sure that the solution hose filter is also cleaned.
11. Clean the scrubber and squeegee with a damp cloth. Store squeegee in the raised position to prevent damaging the blades.
12. Rinse brushes or pads with clean water. To remove brushes or pads, tilt scrubber back and slightly pull them downward. When replacing make sure they lock into the groves.

CAUTION

**Before working on the scrubber
disconnect the power cord.**

TROUBLESHOOTING

Symptom: Scrubber does not run! No power to the machine!

Problem: Blown fuse/circuit breaker in the building / room has tripped.

Solution: *Replace fuse with the same rating. Reset circuit breaker. Make sure no other appliances are connected on the same circuit as the machine. The machine requires a dedicated 15 amp circuit.*

Problem: Frayed cord, damaged plug or loose internal wiring.

Solution: *Have an authorized service technician check cord and replace if necessary. Have an authorized service technician open switch panel and check for loose wire connection.*

Symptom: Insufficient vacuuming power!

Problem: Debris caught under squeegee blades.

Solution: *Remove debris and wipe blades with clean cloth.*

Problem: Vacuum hose not connected.

Solution: *Connect hose.*

Problem: Tank cover not properly seated or gasket on dome cover is damaged.

Solution: *Reseat tank cover correctly or replace gasket.*

Problem: Filter in tank cover blocked.

Solution: *Clean filter with water.*

Problem: Drain plug or recovery tank not properly placed.

Solution: *Check drain plug and replace properly.*

Problem: Defective vacuum motor (noisy bearing, carbon brush sparking burn out armature and worn out carbon brush)

Solution: *Have an authorized service technician replace vacuum motor and motor gasket.*

Symptom: Little or no water flow going to brushes.

Problem: Solution line blocked.

Solution: *Flush out solution tank and lines with clean water.*

Problem: Solution tank filter clogged.

Solution: *Unclog filter.*

Problem: Solution tank empty.

Solution: *Refill solution tank.*

TROUBLESHOOTING (cont.)

Symptom: Squeegee not picking up water!

Problem: Rubber blades on squeegee dirty or worn-out.

Solution: *Clean or replace blades.*

Problem: Squeegee not in contact with floor.

Solution: *Check blades and replace if necessary.*

Problem: Recovery tank full.

Solution: *Empty recovery tank.*

Problem: Vacuum hose loose or hose is damaged.

Solution: *Reinstall or replace hose.*

Problem: Squeegee blades not lowered to the floor.

Solution: *Lower squeegee blades to the floor using the squeegee lever in the rear of the machine.*

WARNING

**Service and repairs should only be performed
by an authorized service center.**

KONFORMITÄTSERKLAERUNG

DECLARATION OF CONFORMITY

DECLARATION DE CONFORMITE

<p>Wir Cleanfix Reinigungssysteme AG Stettenstrasse CH-9247 Henau</p>	<p>We Cleanfix Reinigungssysteme AG Stettenstrasse CH-9247 Henau</p>	<p>Nous Cleanfix Reinigungssysteme AG Stettenstrasse CH-9247 Henau</p>
<p>erklären in alleiniger Verantwortung dass das Produkt,</p>	<p>declare under our sole responsibility that the product</p>	<p>déclarons sous notre seule responsabilité que le produit</p>
<p>Hartbodenreinigungsautomat</p>	<p>Autoscrubber</p>	<p>Autolaveuse</p>
<p>RA 300</p>	<p>RA 300</p>	<p>RA 300</p>
<p>ab Seriecode Nr 7501 und folgende</p>	<p>from serial code No. 7501 and following</p>	<p>de No. de code de série 7501 et suivantes</p>
<p>(Bezeichnung, Typ, Seriennummer) auf das sich diese Erklärung bezieht mit der/den folgenden Norm(en) oder normativen Dokument(en) übereinstimmt. EN 60 335-2-2/A52/1991 EN 60 335-2-2/1988; EN 60 335-1/1988 EN 55 014/1987; EN 60 555-2/1987</p>	<p>(name, type, serial number) to which this declaration relates is in conformity with the following standard(s) or other normative document(s) EN 60 335-2-2/A52/1991 EN 60 335-2-2/1988; EN 60 335-1/1988 EN 55 014/1987; EN 60 555-2/1987</p>	<p>(nom, type, no. de serie.) auquel se réfère cette déclaration est conforme à la (aux) norme(s) ou autre(s) document(s) normatif(s) EN 60 335-2-2/A52/1991 EN 60 335-2-2/1988; EN 60 335-1/1988 EN 55 014/1987; EN 60 555-2/1987</p>
<p>(Titel und/oder Nummer sowie Ausgabedatum der Norm(en))</p>	<p>(title and/or number and date of issue of the standard(s))</p>	<p>(titre et/ou no. et date de publication de la (des) norme(s))</p>
<p>Gemäss den Bestimmungen der Richtlinien: 73/23/EWG 89/336/EWG 89/392/EWG</p>	<p>following the provisions of Directive 73/23/EWG 89/336/EWG 89/392/EWG</p>	<p>conformément aux dispositions de Directive 73/23/EWG 89/336/EWG 89/392/EWG</p>
<p>Henau 17.12.1996</p>	<p>Henau 17.12.1996</p>	<p>Henau 17.12.1996</p>
<p>(Ort und Datum der Ausstellung) Cleanfix Reinigungssysteme AG CH-9247 Henau</p>	<p>(Place and date of issue) Cleanfix Reinigungssysteme AG CH-9247 Henau</p>	<p>(Lieu et date) Cleanfix Reinigungssysteme AG CH-9247 Henau</p>
<p>(Name und Unterschrift)</p>	<p>(name and signature)</p>	<p>(nom et signature)</p>

New Machine Warranty



1. Limited Warranty. These terms and conditions of the New Machine Warranty are a material part of the agreement between Buyer and Cleanfix Cleaning Systems Inc., a New Jersey-based corporation (hereinafter "Cleanfix"), and supersede warranty terms and conditions in documentation submitted by Buyer to Cleanfix. Cleanfix warrants new machines of its manufacture against defects in material and workmanship under normal use and service to the original end-user purchaser. No person, agent, representative or distributor is authorized to give any warranties on behalf of Cleanfix, or to assume any other liability for Cleanfix in connection with any Cleanfix machine. Cleanfix reserves the right to make changes to its equipment without notice. The warranty coverage is subject to the conditions below.

2. Registration of Warranty. The warranty commences on the date of purchase by the original end-user from an authorized Cleanfix distributor or agent, subject to proof of purchase. The warranty commences latest, however, after six (6) months of the purchase date by the authorized distributor or agent of Cleanfix. Any new Cleanfix machine must be registered immediately with Cleanfix by the original end-user customer by fully completing and returning the warranty registration form to Cleanfix. If proof of purchase cannot be identified through a completed and returned warranty registration form, the warranty commences from the date of sale to the authorized Cleanfix distributor.

3. Warranty Coverage. Subject to conditions outlined below, Cleanfix warrants rotationally molded PE housings and tanks on all of its machines to be free from defects in material and workmanship, under normal use and service for ten (10) years to the original end-user.

Subject to conditions outlined below, Cleanfix warrants fiberglass housings and tanks on all of its machines to be free from defects in material and workmanship, under normal use and service for three (3) years to the original end-user.

Under this warranty Cleanfix warrants the performance of non-polyethylene and non-fiberglass components to be free from defects and workmanship for up to one (1) year to the original end-user. Parts replaced or repaired under this warranty are warranted for the remainder of the original warranty period. (See table below)

Rotationally molded PE housings and tanks	10 years
Fiberglass housings and tanks	3 years
Vacuum motors, brush motors, pump motors, boards and electronics	1 year
Battery and battery charger*	1 year

* The 1 year period warranty commences with the purchase date by the authorized distributor or agent of Cleanfix.

Service labor charges are covered for up to one (1) year from the date of purchase through an authorized Cleanfix service provider. A total maximum of one (1) hour travel time - equal to one (1) hour labor rate - is covered for large machines, namely Falcon, Raven, Eagle and larger for 90 days. No coverage is extended for diagnosis time.

4. Product Exceptions and Exclusions. ALL vacuum cleaners and air movers are warranted for one (1) year. No warranty is extended for wear items, accessories and attachments including, but not limited to, belts, brushes, pad holders, capacitors, carbon brushes, wheels, casters, glides, clutches, cords, filters, filter bags, gaskets, hoses, rectifiers, switches, float switches, valves, squeegees, bearings, pulleys, relays, actuating cables, wheels, tires, vacuum cleaner attachments.

The purchaser is assured that meticulous care has been exercised in the selection, assembling and testing of these parts and components before shipping. No warranty is extended for machine finish, labels and other cosmetic parts or features.

5. Stated Warranties. Stated warranties are in lieu of all other warranties, expressed or implied. Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of the written warranty. Cleanfix will not be liable for any other damages, including but not limited to incidental, indirect or special consequential damages arising out of or in connection with the furnishing, performance, use or inability to use the machine, including damages to persons or property. This remedy shall be the exclusive remedy of the buyer. The warranty is limited to the warranty.

6. Warranty is null and void for the following.

- Damage, defects, malfunction or other failures caused by not using the electric current indicated on the spec plate, including the use of improper extension cords.
- Damage or defect caused by accident, misuse, neglect, abuse, fire etc., including use of incompatible or corrosive chemicals or overloading of capacity.
- Failure caused by lack of proper maintenance and care, including proper machine clean-up after use, proper charging procedures for batteries.
- Failure caused by loss, damage or removal of protective components, including, but not limited to, filters and filter screens, tank covers and lids, skirts and bumpers, float shut-off assemblies.
- Freezing of any water or chemical related components (this will void all warranties on water or chemical related components, internal or external, of the product).
- Deposits and buildup in any water or chemical related systems due to hardness in water (this will void all warranties on affected systems).
- Any design alterations, adjustments and/or repairs performed on the equipment by an organization not authorized or specified by Cleanfix.
- Use of any parts not approved by Cleanfix, including, but not limited to, batteries, battery charger, filter bags, belts, electric components, motors.
- Use of machine for a purpose other than which it was designed and intended, and use of machine in excess of design duration.
- Damage in transit.

7. Warranty Claim Procedure. If a difficulty develops during the specified warranty period, contact the authorized Cleanfix distributor/partner from whom the machine was originally purchased. Do not return any products to Cleanfix unless explicitly authorized by Cleanfix. Cleanfix may elect to require the return of the machine or component(s) to validate the claim. Any defective machine or component to be returned must be shipped freight pre-paid to an authorized Cleanfix distributor/service center.

Cleanfix will provide and charge for replacement parts, including shipping and handling, to the original purchaser through an authorized service center. If the part is returned within 30 days and is found defective, the purchaser will be credited for the cost of the replacement part including shipping and handling.

8. Term. This warranty is valid for all products sold after January 1, 2006. A product sold before that date will be covered by the limited warranty in effect at the date of sale to the original purchaser.