

KLEENRITE®

32506

Upholstery and Drapery Cleaner

**Model No.:
32506 – 3 gal Extractor**

Operator and Parts Manual

KLEENRITE
1122 MAPLE STREET
MADERA CA 93637 U.S.A.

**FAX: 1-559-673-5725
CUSTOMER SERVICE: 1-800-241-4865**

**MNL32506
Rev. 00 (08-98)**

OPERATION

This manual is furnished with each new model. It provides necessary operation and maintenance instructions and an illustrated parts list.

Read this manual completely and understand the machine before operating or servicing it.

Use the illustrated Parts Lists to order parts. Before ordering parts or supplies, be sure to have your machine model number and serial number handy. Parts and supplies may be ordered by phone or mail from any authorized parts and service center, distributor or directly from Kleenrite.

This machine will provide excellent service. However, the best results will be obtained at minimum costs if:

- The machine is operated with reasonable care.
- The machine is maintained regularly – per the maintenance instructions provided.
- The machine is maintained with manufacturer supplied or equivalent parts.

MACHINE DATA

Please fill out at time of installation for future reference.

Model No.- _____

Install. Date- _____

Serial No.- _____

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OPERATION

SAFETY PRECAUTIONS

This machine is intended for commercial use. It is designed to wet clean or dry clean upholstery and drapery in an indoor environment and is not constructed for any other use. Use only recommended cleaning solutions and accessory tools.

All operators must read, understand and practice the following safety precautions.

The following safety alert symbols are used throughout this manual as indicated in their description:



WARNING: To warn of hazards or unsafe practices which could result in severe personal injury or death.

FOR SAFETY: To identify actions which must be followed for safe operation of equipment.

The following information signals potentially dangerous conditions to the operator or equipment.

FOR SAFETY:

- 1. Do not operate machine:**
 - Unless trained and authorized.
 - Unless operator manual is read and understood.
 - In flammable or explosive areas.
 - With damaged cord or plug.
 - If not in proper operating condition.
 - Unless cord is properly grounded.
 - In outdoor areas.
 - In standing water.
 - With the use of an extension cord.
- 2. Before operating machine:**
 - Make sure all safety devices are in place and operate properly.
- 3. When using machine:**
 - Do not run machine over cord.
 - Do not pull machine by plug or cord.
 - Do not pull cord around sharp edges or corners.
 - Do not unplug by pulling on cord.
 - Do not stretch cord.
 - Do not handle plugs with wet hands.
 - Keep cord away from heated surfaces.
 - Report machine damage or faulty operation immediately.
 - Follow mixing and handling instructions on chemical containers.
 - Do not mix water and OMS.

4. Before leaving or servicing machine:
 - Turn off machine.
 - Unplug cord from wall outlet.
5. When servicing machine:
 - Unplug cord from wall outlet.
 - Avoid moving parts. Do not wear loose jackets, shirts, or sleeves.
 - Use manufacturer supplied or approved replacement parts.
6. When dry cleaning:
 - Always connect exhaust hose to vacuum exhaust and vent to outside of building.
 - Always use a high capacity air mover in room being cleaned to dissipate vapors.
 - Never heat in 208° F. heat range.
 - Always secure both lids to tanks.

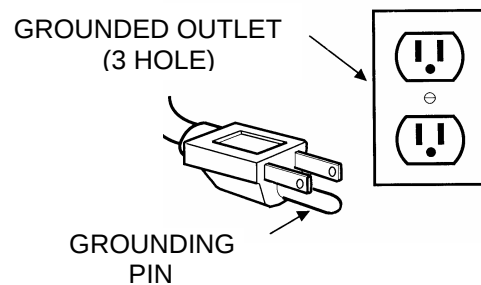
 **WARNING:** Hazardous Voltage. Shock or electrocution can result. Always unplug machine before servicing.

 **WARNING:** Do not use chlorinated solvents or OMS with a flash point below 125° F. Do not use OMS alone. Use a cleaning charger which raises the flash point and enhances cleaning.

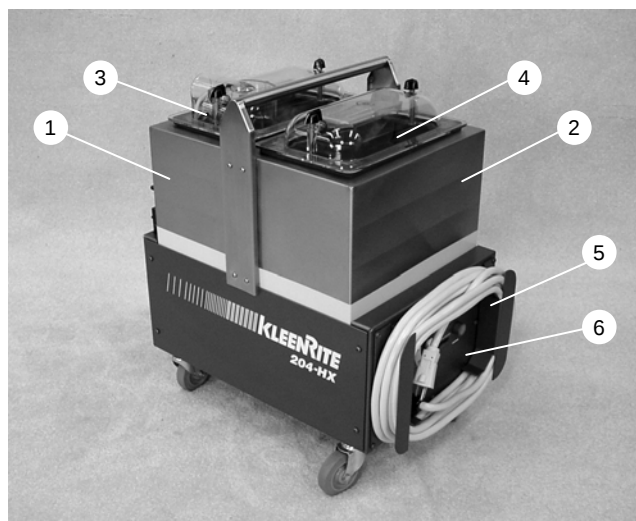
 **WARNING:** Flammable materials or reactive metals can cause an explosion or fire. Do not pick up.

GROUNDING INSTRUCTIONS

Machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electrical shock. This machine is equipped with a cord having an equipment-grounding connector and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed in accordance with all local codes and ordinances. Do not remove ground pin; if missing, replace plug before use.

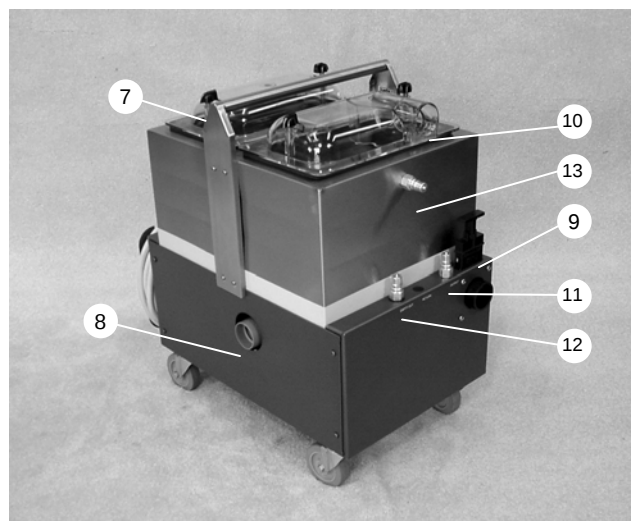


OPERATION



MACHINE COMPONENTS

1. Recovery Tank
2. Solution Tank
3. Recovery Tank Lid
4. Solution Tank Lid
5. Power Cord
6. 208° F Heat Range Switch
7. Lid Latch



8. Exhaust Hose Connector
9. Drain Valve
10. Vacuum Hose Connector
11. Solution Hose Connector
12. Empty-Out Nozzle
13. Solution Line Purge Connector

MACHINE SETUP

2. Carefully check carton for signs of damage. Report damages at once to carrier. The machine



is shipped fully assembled and is ready for use.

3. Connect hoses and tool to be used (Figure 1).
4. Using a clean bucket or hose, fill solution tank with 11 liters (3 gallons) of hot water, 60° C (140° F) maximum (Figure 2).

⚠ WARNING: Do not use OMS cleaning solutions with a flash point of less than 125° F.

5. Add a recommended cleaning chemical.

Fig. 1

Fig. 2

FOR SAFETY: When using machine, follow mixing and handling instructions on chemical containers.



OPERATION

ATTENTION: If using powdered cleaning chemicals, mix prior to adding.

NOTE: If desired, water alone achieves excellent cleaning results.

6. Plug machine's power cord into a grounded wall outlet (Figure 3).

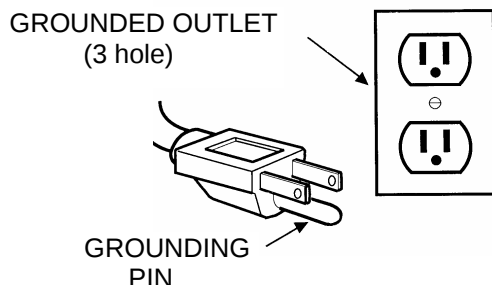


Fig. 3

FOR SAFETY: Do not operate machine unless cord is properly grounded.

FOR SAFETY: Do not operate machine with the use of an extension cord.

7. Secure recovery tank lid in place.

MACHINE OPERATION- WET CLEANING

FOR SAFETY: Do not operate machine unless operator manual is read and understood.

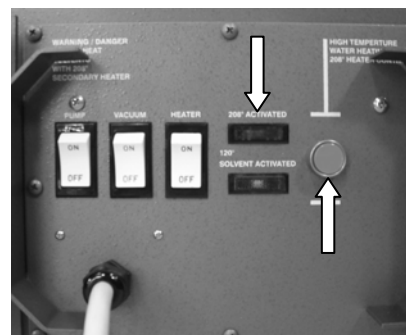
PRE-OPERATION AND HEATING

1. Vacuum carpet and remove other debris with standard vacuum.
2. Inspect power cord for damage.
3. Turn on pump and be certain it has primed. When it is primed, air bubbles and then solution can be observed returning into the solution tank bottom.
4. Turn on heater switch. At this point the heater will come on in the 120° F setting. This is confirmed by the illumination of the green 120° F solvent activated light (Figure 4).



Fig. 4

5. To increase temperature to 208° F, press the red button until the green light goes out and the red light comes on (Figure 5). Note: whenever the heater is on the pump should be primed and running. This will prevent small steam bubbles from going backwards and cavitating a pump that



had previously been primed.

CLEANING

1. Turn on vacuum (assuming pump and heater is already on).
2. Take upholstery or drapery tool in hand and squeeze valve trigger while moving the tool in short forward and backward strokes over the fabric.

Fig. 5

WHILE OPERATING

1. Overlap each cleaning path.
⚠ Warning: Flammable materials or reactive metals can cause an explosion or fire. Do not pick up.
2. Periodically check for excessive foam buildup in recovery tank. Use a recommended foam control solution to prevent vacuum motor damage.

ATTENTION: Excessive foam buildup will cause fibers to collect on vacuum inlet screen.

Fig. 6

3. Clean vacuum inlet screen when lint collects on it (Figure 6).



OPERATION

4. Empty recovery tank every time water is added to solution tank.
5. After cleaning, relieve water pressure from tool before disconnecting hose. Squeeze trigger for five seconds after turning switches off.

MACHINE OPERATION-DRY CLEANING

PRE-OPERATION AND HEATING

⚠ WARNING: Do not use OMS cleaning solutions with a flash point of less than 125° F.

Always set up each job with all of the following conditions satisfied (Figure 7).

1. Be certain both lids are in place.
2. Always connect exhaust hose to vacuum and vent outdoors.
3. Always place an air mover inside room being cleaned and near machine to disperse vapors.
4. Never press the red 208° F heater button. Whenever heater comes on it will automatically come on in the low 120° F setting regardless of where it was set the last time it was used. Confirm low heat range by observing green light on.

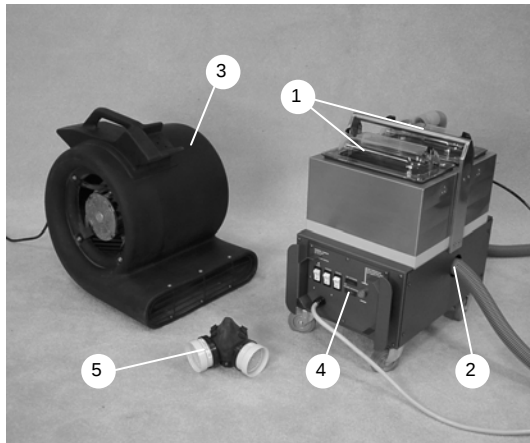


Fig. 7

5. Always wear a respirator.
⚠ Warning: Do not proceed to clean unless all five conditions are met.
6. Turn on pump and be certain it is primed.
7. Turn on heater in the 120° F setting.

CLEANING

1. Turn on vacuum (assuming pump and heater is already on).
2. Take upholstery or drapery tool in hand and squeeze valve trigger while moving the tool in short forward and backward strokes over the fabric.

MACHINE OPERATION – FLUSHING

Switching from wet to dry or dry to wet cleaning solutions may cause a gel to form in the pump and hoses if precaution is not taken. Follow the steps below when changing solutions.

1. Empty all solution from solution tank and wipe dry.
2. Fill solution tank with new fluid.

REMEMBER: Oil and water do not mix!

3. Secure the vacuum lid in place and plug the vacuum inlet with your hand. Plug the far end of the solution hose into the solution line purge connector located on the side of the recovery

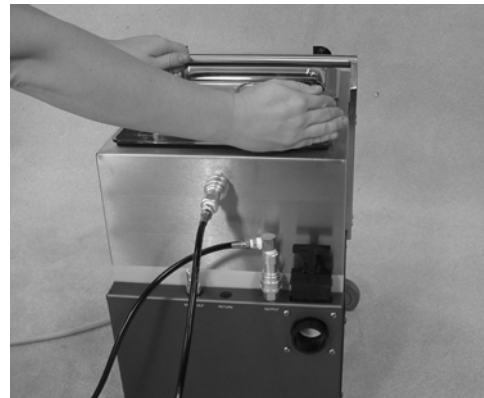


Fig. 8

tank (Figure 8).

4. Turn on vacuum and pump for 45 seconds.
5. Remove the hose from the side of the recovery tank and connect to cleaning tool.

OPERATION

DRAINING TANKS

DRAINING RECOVERY TANK

1. Turn machine off.
2. Place a bucket under the drain valve and pull up



the handle (Figure 9).

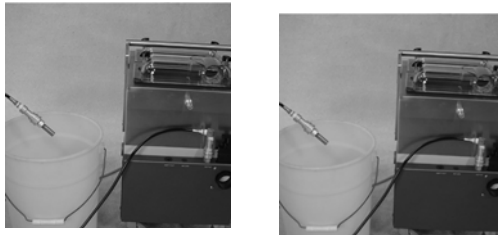
3. Sediment in the bottom of the tank may be rinsed out with the solution hose and empty-out nozzle or with a garden hose. If particles fill the seals of the valve, turn the vacuum on and slowly close the valve a few times to vacuum them out. This same procedure will remove any solution remaining in the drain valve and prevent dripping.

DRAINING SOLUTION TANK

1. Turn on vacuum and remove water from solution tank. If dry cleaning solution is remaining in solution tank and it is to be saved, then perform step 2 instead.

Fig. 9

2. Remove empty-out nozzle from side of machine



and insert into end of solution hose and pump into container (Figure 10).

FREEZE PROTECTION

1. After draining solution tank as described in the previous section (DRAINING SOLUTION TANK), plug the far end of the solution hose into the solution line purge connector located on the side of the recovery **Fig. 10** (Figure 8).
2. Turn on vacuum and pump for 30 seconds. This will fill the pump and hoses with air and prevent freezing.

MACHINE MAINTENANCE

To keep machine in good working condition, simply follow machine's daily, weekly and monthly maintenance procedures.

FOR SAFETY: When servicing machine, unplug cord from wall outlet.

DAILY MAINTENANCE (Every 4 Hours of Operation)

1. Empty and rinse out recovery tank thoroughly.
2. Clean vacuum filter screen.
3. When solution tank is empty, remove and clean solution filter screen located in the bottom of the solution tank.
4. Wipe off power cord and check for damage, replace if necessary. Coil cord neatly after use.
5. Clean machine with an all purpose cleaner and damp cloth.

WEEKLY MAINTENANCE (Every 20 Hours of Operation)

1. Inspect vacuum hoses for holes and loose cuffs.
2. Inspect spray pattern for plugging. If plugged, remove spray tips and soak them in acetic acid solution for up to six hours. Do not use pointed objects to unplug tips, damage will occur.
3. Lubricate female hose couplers with lightweight oil.

MONTHLY MAINTENANCE (Every 80 Hours of Operation)

1. Inspect vacuum and pump motors for excessive arcing. If arcing is present replace them.

FOR SAFETY:

2. Inspect machine for water leaks and loose hardware. Repair immediately!

OPERATION

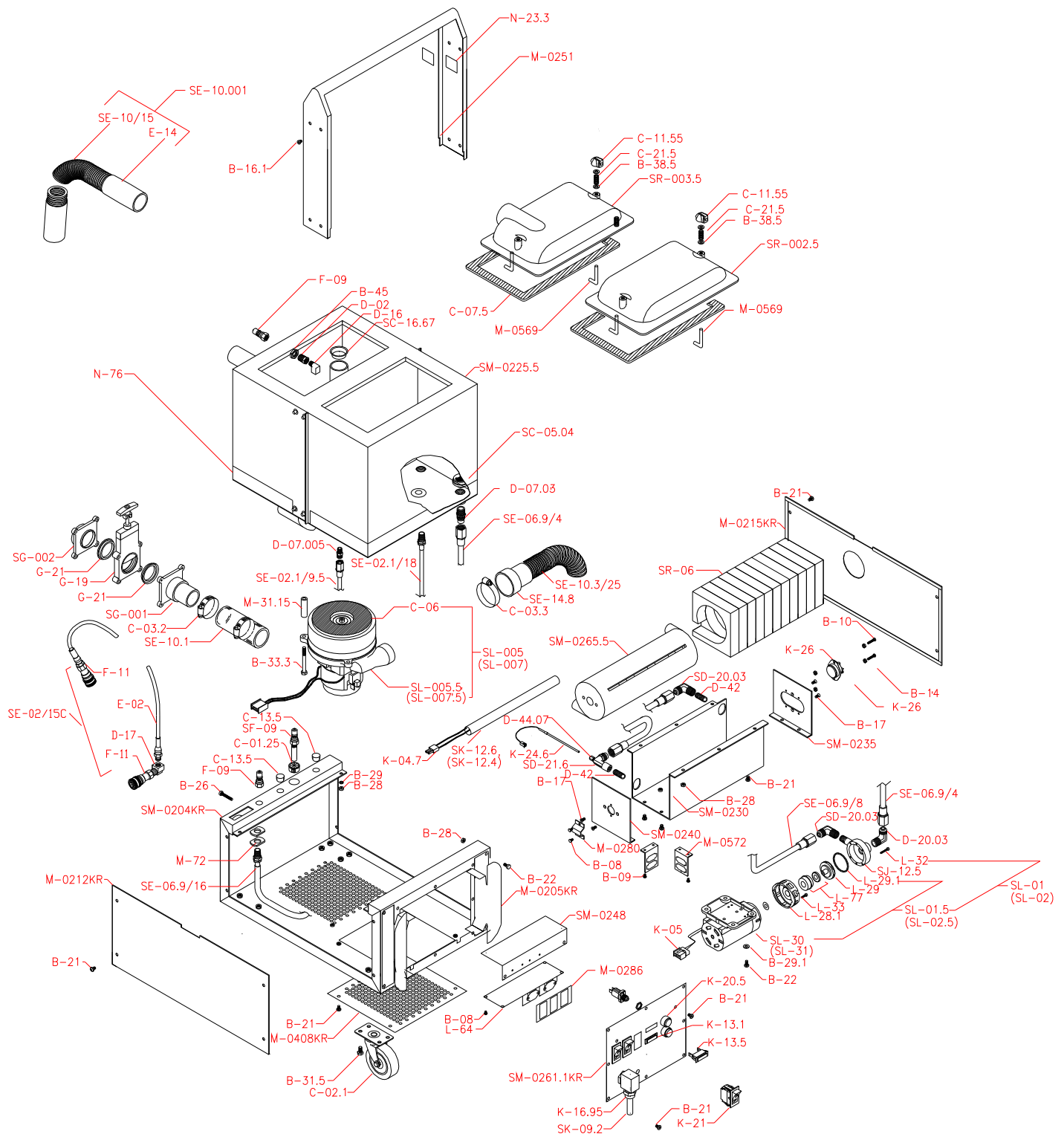
TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Machine does not operate.	Faulty switches or wiring.	Contact Service Center.
	Faulty power cord.	Contact Service Center.
	Building circuit breaker tripped.	Reset Breaker.
Heater does not heat.	Faulty switch or wiring.	Contact service center.
Solution pump does not operate.	Faulty switch or wiring.	Contact Service Center.
	Faulty solution pump motor.	Contact Service Center.
	Faulty pump head.	Contact Service Center.
	Trigger on wand not pulled.	Pull Solution Trigger.
	Quick couplers not fully engaged.	Connect quick couplers.
Vacuum motor does not operate.	Loose or broken wiring.	Contact Service Center.
	Faulty vacuum switch.	Contact Service Center.
	Defective vacuum motor.	Contact Service Center.
	Worn carbon brushes.	Contact Service Center.
Poor solution pick-up.	Recovery tank drain valve open.	Close valve.
	Defective recovery tank lid gasket.	Replace gasket.
	Clogged screen in vacuum tank.	Remove recovery tank lid and clean screen.
	Loose vacuum hose connections.	Secure cuffs to hose.
	Defective vacuum hose.	Replace hose.
Uneven or no spray.	Plugged spray tips.	Clean or replace tips.
	Improper spray tip size or spray angle.	Replace with proper tips.
	Worn spray tips.	Replace spray tips.
	Solution tank low or empty.	Refill solution tank.
	Faulty solution pump.	Contact Service Center.

OPERATION

Model	32506
LENGTH	482 mm (19 in)
WIDTH	330 mm (13 in)
HEIGHT	584 mm (23 in)
WEIGHT	21 Kg (47 lbs)
SOLUTION TANK CAPACITY	11.4 L (3 gal)
RECOVERY TANK CAPACITY	14.4 L (3.8 gal)
SOLUTION PUMP	120 V, 2.76 bar (40psi), .7A
VACUUM MOTOR	120 V, 8A, 960 W
HEATER	120 V, 10.4A, 1250 W
SEALED WATER LIFT	2350 mm (92.5 in)
TOTAL POWER CONSUMPTION	120V, 19.1A, 2292W
POWER CORD	7.6m (25 ft) 3/12
DECIBEL RATING 3 METERS (10 FT) FROM MACHINE ON CARPET	<77 db(A)

SPECIFICATIONS



204HX WARRANTY POLICY

LABOR & PARTS POLICY

For the first 12 months from the date of original purchase, upon Kleenrite's determination, product manufacturing defects will be repaired or replaced at no charge for labor and/or parts provided that the machine or part(s) is delivered or shipped freight prepaid to Kleenrite or its designated repair center and provided that a Return Authorization is obtained from Kleenrite prior to machine or part(s) being shipped. (See "How to Obtain a Return Authorization".)

Kleenrite is not responsible to pay for parts supplied by or labor performed by any of its distributors or any general service companies.

PARTS ONLY – STANDARD REPLACEMENT POLICY

For the first 12 months from the date of original purchase, in the event that a part believed to be under warranty fails, simply call Kleenrite to obtain a Return Authorization, ship the part freight prepaid to Kleenrite and, Kleenrite will either repair or replace the part at no charge if it is determined that failure was a manufacturing defect. Kleenrite will then ship the repaired or replaced part back to you freight collect. Our service department can usually talk a person through any part replacement procedure in a matter of minutes. There is no charge for this nationwide toll-free service.

PARTS ONLY – EMERGENCY REPLACEMENT POLICY

For the first 12 months from the date of original purchase, in the event that a part believed by the registered owner to be under warranty fails and an immediate replacement part is requested before Kleenrite can inspect the part that is suspected to be faulty or have a chance to repair it, Kleenrite will ship the requested part on a COD basis (part plus freight) or if credit has been established prior to the request the part will be shipped on an Open Account basis (part plus freight). A Return Authorization must be requested at the time of order so that the suspected defective part can be returned freight prepaid to Kleenrite for warranty consideration. If after receiving the part, Kleenrite determines that the part has a manufacturing defect and can be repaired, the part will be repaired to normal working condition and returned (freight collect) to the original registered owner as a spare part and no refund will be made. Should Kleenrite determine that the part is covered by warranty and cannot be repaired, Kleenrite will credit an open account customer the same amount as was charged when the replacement part was sent less freight and will refund a COD customer the same way. However, should Kleenrite determine that the part received was not a manufacturing defect, you will be informed of such and credit will not be given nor will the damaged part be returned unless requested specifically to the registered owner.

HOW TO OBTAIN A RETURN AUTHORIZATION

Prior to shipping any part, assembly or machine to Kleenrite a Return Authorization Number must be requested from Kleenrite and displayed prominently on the outside of all packages containing parts or machines for warranty consideration to be processed and in effect. A Return Authorization can be obtained by calling Kleenrite Service Department at 1-800-241-4865 or 1-559-673-5700. The machine and/or part serial number must be communicated to Kleenrite Customer Service to receive a Return Authorization Number. Any machine, part or assembly must be returned with its original serial number as affixed by Kleenrite for warranty consideration to be in effect. All returns will be sent to Kleenrite at 1122 Maple Street, Madera Ca. 93637. Fax communications can be sent to 1-559-673-5725 and emails sent to kleenritemfg.com.

WARRANTY

Kleenrite Equipment, Inc. warrants the 204HX Cleaning Machine against defects in material and workmanship under normal use and service. Kleenrite, hereby, extends a limited three-year warranty on the stainless steel machine housing of the 204HX against cracking or leaking and a one-year warranty on the rest of the machine against manufacturing defect or workmanship subject to the terms and conditions that follow.

TERMS AND CONDITIONS

The warranty obligation extends only to the repair or replacement of parts, assemblies or machine housing found upon examination by Kleenrite to be defective in manufacturing or workmanship, and Kleenrite reserves the right to make that determination. Any adjustment or replacement of defective parts made under this warranty does not void the warranty; neither does it extend the original warranty beyond its term.

Repair or replacements of any machine component(s) with any part(s) other than genuine Kleenrite parts will immediately void this and all warranties.

Filters, brass fittings, seals, o-rings and quick disconnects are considered expendable in normal use and are not covered by this warranty.

This warranty shall not cover any 204HX machine housing, part or assembly if there is evidence of misuse, alteration, owner neglect, lack of proper maintenance, improper chemical use, improper voltage, abuse, accident, freezing, flood, fire, etc. and any and all circumstances beyond Kleenrite's control.

In no event shall Kleenrite be liable for loss of use, incidental or consequential damages or any damages to persons or property.



1122 MAPLE STREET, MADERA CA 93637 USA
Phone 800-241-4865, 559-673-5700; Fax 559-673-5725; Email kleenritemfg.com

PLEASE RETURN REGISTRATION WITHIN 10 DAYS OF RECEIVING YOUR 204HX CLEANING MACHINE.

SPECIALS: Check our web site at: kleenritemfg.com for parts and equipment price specials.

KEEP THIS COPY FOR YOUR RECORDS

WARRANTY REGISTRATION	Date Received
	Registered Owner(s)
	Address
	Phone Number
	Fax Number
	Email Address
	Machine Serial Number
	Purchased From (Distributor)

WARRANTY

Kleenrite Equipment, Inc. warrants the 204HX Cleaning Machine against defects in material and workmanship under normal use and service. Kleenrite, hereby, extends a limited three-year warranty on the polyethylene machine housing of the 204HX against cracking or leaking and a one-year warranty on the rest of the machine against manufacturing defect or workmanship subject to the terms and conditions that follow.

TERMS AND CONDITIONS

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In no event shall Kleenrite be liable for loss of use, incidental or consequential damages or any damages to persons or property.



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Phone 800-241-4865, 559-673-5700; Fax 559-673-5725; Email kleenritemfg.com

PLEASE RETURN REGISTRATION WITHIN 10 DAYS OF RECEIVING YOUR 204HX CLEANING MACHINE.

SPECIALS: Check our web site at: kleenritemfg.com for parts and equipment price specials.

PLEASE RETURN THIS ENTIRE SHEET

WARRANTY REGISTRATION	Date Received
	Registered Owner(s)
	Address
	Phone Number
	Fax Number
	Email Address
	Machine Serial Number
	Purchased From (Distributor)