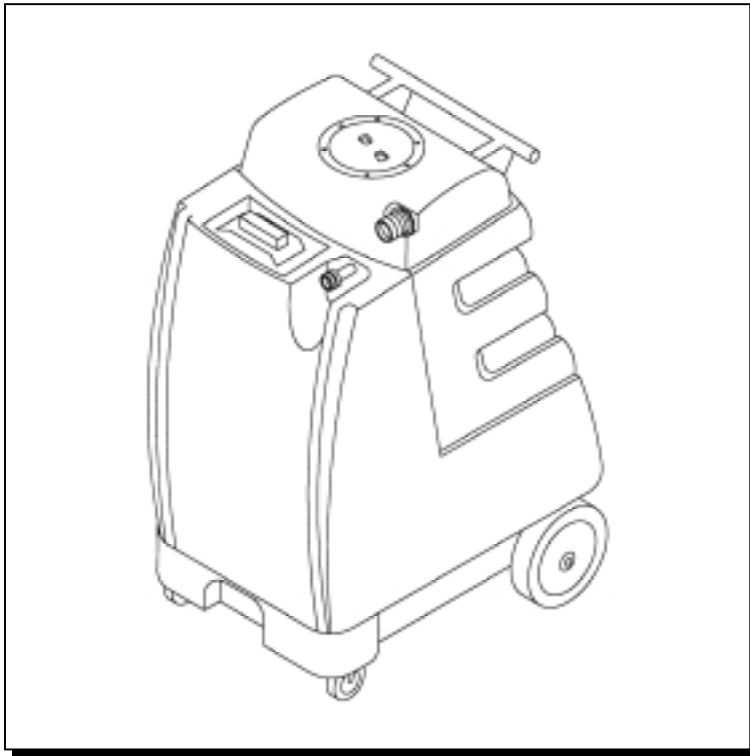


DOMINATOR™



CARPET EXTRACTOR



Operating Instructions (ENG)

MODEL: D250 (115V)
D250IE (230V)
Prior to Serial No. 1000054536

QUEST® ... for Continuous Improvement.
Windsor's Quality Management System is Certified ISO 9001.

Read these instructions before operating the machine

F

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precaution must always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

This machine is for commercial use.



WARNING:

To reduce the risk of fire, electric shock, or injury:

Connect to a **properly grounded outlet**. See Grounding Instructions.

Do not leave the machine unattended. Unplug machine from outlet when not in use and before maintenance or service.

Use only indoors. Do not use outdoors or expose to rain.

Do not allow machine to be used as a toy. **Close attention** is necessary when used by or near children.

Use only as described in this manual. Use only manufacturer's recommended components and attachments.

Do not use damaged electrical cord or plug. Follow all instructions in this manual concerning grounding the machine. If the machine is **not working properly**, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

Do not pull or carry machine by electrical cord, use as a handle, close a door on cord, or pull cord around sharp edges or corners.

Do not run machine over cord. **Keep** cord away from heated surfaces.

Do not unplug machine by pulling on cord. To unplug, grasp the electrical plug, not the electrical cord.

Do not handle the electrical plug or machine with wet hands.

Do not operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

This machine is intended for cleaning carpet only.

Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

This machine is not suitable for picking up health endangering dust.

Turn off all controls before unplugging.

Machine can cause a fire when operating near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.

This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for more than normal housekeeping purposes.

Maintenance and repairs must be done by qualified personnel.

If foam or liquid comes out of machine, switch off immediately.

SAVE THESE INSTRUCTIONS

GROUNDING INSTRUCTIONS

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

ELECTRICAL:

The amp, hertz, and voltage are listed on the data label found on each machine. Using voltages above or below those indicated on the data label will cause serious damage to the motors.

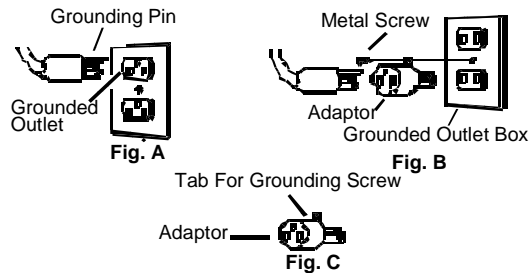
GROUNDING INSTRUCTIONS:

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. The D250 is for use on a nominal 115-volt circuit, and has a grounded plug that looks like the plug in "Fig. A". A temporary adaptor that looks like the adaptor in "Fig. 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 colored 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. The D250IE is for use on a nominal 230-volt circuit.



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 appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

PROPER GROUNDING (115V)



NOTE: In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code

CHEMICALS

Suitable Chemicals

*Alkalis
Detergents
Hydroxides
Soaps
Vinegar*

Non-Compatible

*Aldehydes
Aromatics Hydrocarbons
SP Butyls
Carbon Tetrachloride
Clorox*
Chlorinated Bleaches
Chlorinated Hydrocarbons
Lysol*
Methyl Ethel Ketone (MEK)
Perchlorethylene (perc)
Phenolics
Trichlorethylene
D-Limonene*

Warning:

Using the incompatible chemicals listed above will damage the machine. Damages of this type are not covered under the 6-3-1 warranty. Carefully read ingredients on manufacturer's label before using any product in this machine.

OPERATIONS

CARPET INSPECTION:

Determine precisely what areas you are going to clean. Note problem areas in the carpet or tack strip. Look for loose carpet, heavily damaged areas, discolored stains, or grease spots that will require prespotting. Note the carpet type. Check the availability of hot water, drains, and suitable electrical outlets. If the carpet is loose or worn, have it repaired **before** attempting to clean it.

Plan the cleaning route, work from the most remote area towards the exit. Try not to travel over the cleaned areas when getting fresh water or dumping old. Furniture should be moved out away from the walls before cleaning. If furniture is moved back in place before carpet is completely dry, place plastic or foil protectors under the legs to prevent possible carpet staining. When possible use a Windblower (WB3) and open all windows and doors to speed carpet drying.

ACCESSORIES:

The D-250 can be used with the following Windsor equipment: Deluxe Hand Tool (DHT), Pile Jogger(PJ2A), Standard Floor Wands(SFW, SW, SW-PRO, PROW), & Wind Blower carpet dryer(WB3). Contact an authorized Windsor dealer for assistance in choosing the right equipment .

GENERAL INFORMATION:

On heavily soiled carpets, or on areas of high foot traffic, it may be necessary to use a prespray or traffic lane cleaner applied with a Pro-Spray. Do not add presprays to the machine's solution tank. If a spotter is used, follow the manufacturer's instructions exactly as printed on the label. Remove the spotter with the floor tool when done, spotter left in the carpet may bleach or brown it permanently.

As the carpet is being cleaned, check to see if there is foam building up in the recovery bucket. Add a little defoaming compound to the recovery tank but never to the solution tank.

For infrequent use or long periods of storage, flush the system with a neutralizing solution of 1 quart white vinegar mixed with 2 gallons hot water. Flush the system with clean hot water after neutralizing.

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

PROTECT THIS MACHINE FROM FREEZING.

OPERATIONS

EQUIPMENT SET-UP:

- 1.) Plug power cable from machine into properly grounded wall outlet.
- 2.) Turn vacuum motor switch on and off to make sure there is electrical power at machine.
- 3.) Connect vac hose to machine. Slide the swivel cuff over the outlet on the tank.
- 4.) Connect the hose set to the machine and wand. Pull back the knurled collar on the quick disconnect coupler and push onto the connection on the chassis. To avoid leaks, check to be sure a positive connection was made.
- 5.) Using a clean container, fill the solution tank with clean, hot water. Mix in a non-foaming cleaning concentrate for use in hot water extraction machines following the manufacturer's instructions, as printed on the container. **When using a powder cleaner, premix with hot water in a clean container before adding to the solution tank.**
- 6.) Turn pump and vacuum switch to the on position.
- 7.) Start cleaning.

NOTES: _____

Serial
Number: _____

Date
Purchased _____

MAINTENANCE

DAILY MAINTENANCE:

(At the end of each working day) :

- 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. Waste water should be disposed of properly.
- 4.) Remove lint build-up from the float shut-off screen in the recovery tank . (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 lay on wet carpet. To prevent electrical shock replace cords that are frayed or have cracked insulation immediately.
- 7.) Ensure automatic shut-off ball is working properly.
- 8.) Clean all dirt and obstructions from drain valve and gaskets to prevent possible leakage and premature wear.
- 9.) Run clean water through solution pump when work is complete.
- 10.) Empty both tanks and rinse, run vacuum (s) for at least one minute to dry motor(s).
- 11.) Store with access covers removed to allow tanks to dry.

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 loss.
- 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 and 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 with gauge if necessary.
- 4.) Check overall performance of machine.
- 5.) Grease piston inside pressure regulator.

SEMI-ANNUALLY

- 1.) Check vacuum motor brushes.

MAINTENANCE



WARNING:

ONLY QUALIFIED MAINTENANCE PERSONNEL ARE TO PERFORM THE FOLLOWING REPAIRS.

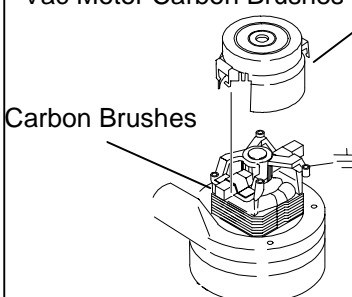
VACUUM MOTOR REPLACEMENT

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 (2) screws that fasten the pump to the frame.
5. Reverse process to install pump.

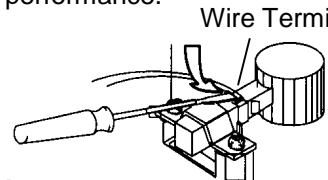
Vac Motor Carbon Brushes Replacement



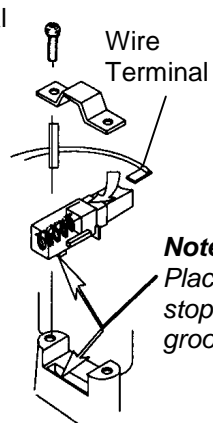
WARNING: The green ground wire must be attached for safe operation. See wiring diagram.

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

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



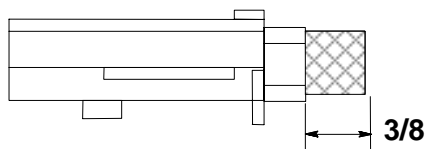
Wire Terminal



Wire Terminal

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.**

Note: Place stop in groove.



3/8

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

MAINTENANCE & TROUBLESHOOTING

D-250 PUMP MAINTENANCE

Per manufacturer's recommendations the following maintenance should be performed utilizing noted kits:

- 1.) 500 hours-Kit 55250751 replaces the V-packing, wave washer, packing spreader and plunger guide.
- 2.) 500 hours-Kit 55250753 replaces the CAM bearing and insert.
- 3.) 1000 hours-kit 55250752 valve assembly and o-rings.

NOTE: Maintenance and repairs must be done by qualified personnel. Using non-Windsor parts to repair this machine will void the warranty. Contact an authorized Windsor dealer for complete details.

TROUBLE SHOOTING CHART :

PROBLEM	POSSIBLE CAUSE	SOLUTION
No power to machine	Dead electrical circuit	Check building circuit breaker or fuse box.
	Faulty power cord	Replace.
Electrical shock	Equipment not grounding	Follow grounding instructions exactly.
	Receptacle not grounded	Contact an electrician to check building's wiring.
	Internal wiring problem	Have a trained service technician check machine's wiring.
Vac motor speed varies or doesn't run	Worn motor brushes	Replace.
	Motor worn out	Replace.
	Faulty switch	Replace.
Loss of Vacuum	Loose vacuum dome	Center and seal dome over tank.
	Crack in dome or poor joint	Replace or repair using acrylic plastic cement only.
	Lint or dirt clogging vacuum screen	With power off clean screen.
	Loose cuffs on vacuum hose	Tighten cuffs turning counterclockwise.
	Vac motor seals leaking	Replace.
	Floor tool vac chamber clogged	Wash out with hose. Pick lint out with a wire.
	Vac motor, hose, or dome gasket	Replace.

TROUBLESHOOTING CONT.

Solution hose fitting hard to connect	Corrosion on fittings	Clean with steel wool. Soak in acetic acid (white vinegar). Lubricate lightly with silicone base lubricant.
Carpet not getting clean.	Severe soil conditions	Make several passes at right angles to other. Use a prespray.
Carpet too wet	Over saturation	Adjust solution pressure to lower setting. Make several passes without spray.
Carpet browning	Leaving carpet too wet	Check for loss of vac pressure.
	Too much chemical in	Check label for correct solution concentration.
Solution not flowing properly	Solution hose connection	Check for positive connection
	Faulty pump	Repair or replace.
	Faulty floor tool valve	Repair or replace.
	Faulty pump switch	Repair.

TECHNICAL SPECIFICATIONS

POWER TYPE

ELECTRICAL: 115 V, 60 Hz, 15 Amps per power cable ((D250)
230 V, 50 Hz, 15 Amps (D250IE)

ELECTRIC VACUUM MOTOR: (1) –2/1.25 HP, 2 stage, Waterlift –150” (381cm)

SOLUTION PUMP: 250 psi, adj.

SOLUTION CAPACITY: 17 gallons (64.3ltr)

RECOVERY CAPACITY: 15 gallons (56.75ltr)

GENERAL DIMENSIONS/WEIGHT

WEIGHT: 97 lbs. (44 kg)

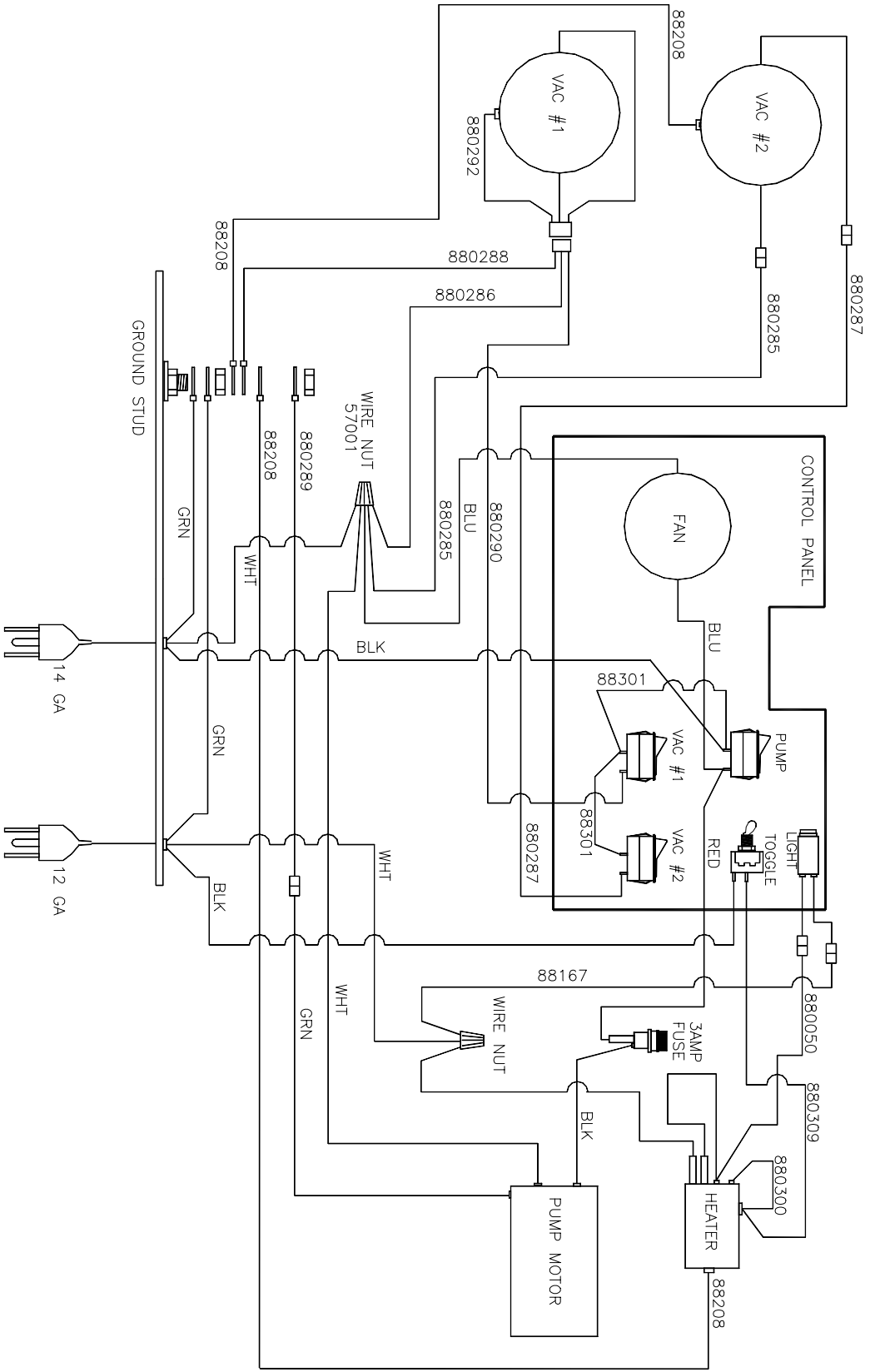
LENGTH: 20” (50.80 cm)

HEIGHT: 36” (91.44 cm)

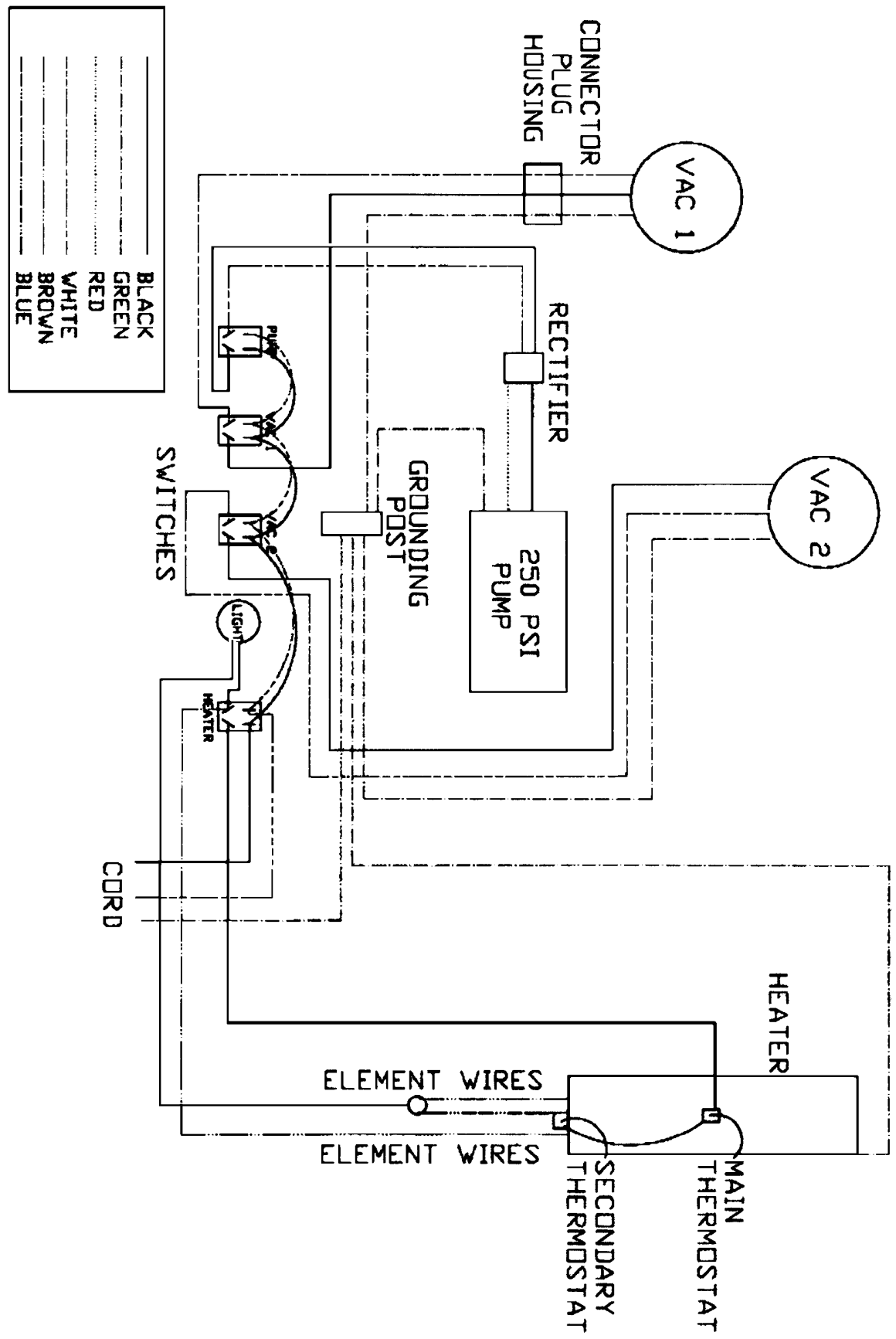
WIDTH: 16” (40.64 cm)

POWER CABLE: 2-25’ (6.35 m) (D250)
1-25’ (6.35 m) (D250IE)

115V WIRING DIAGRAM



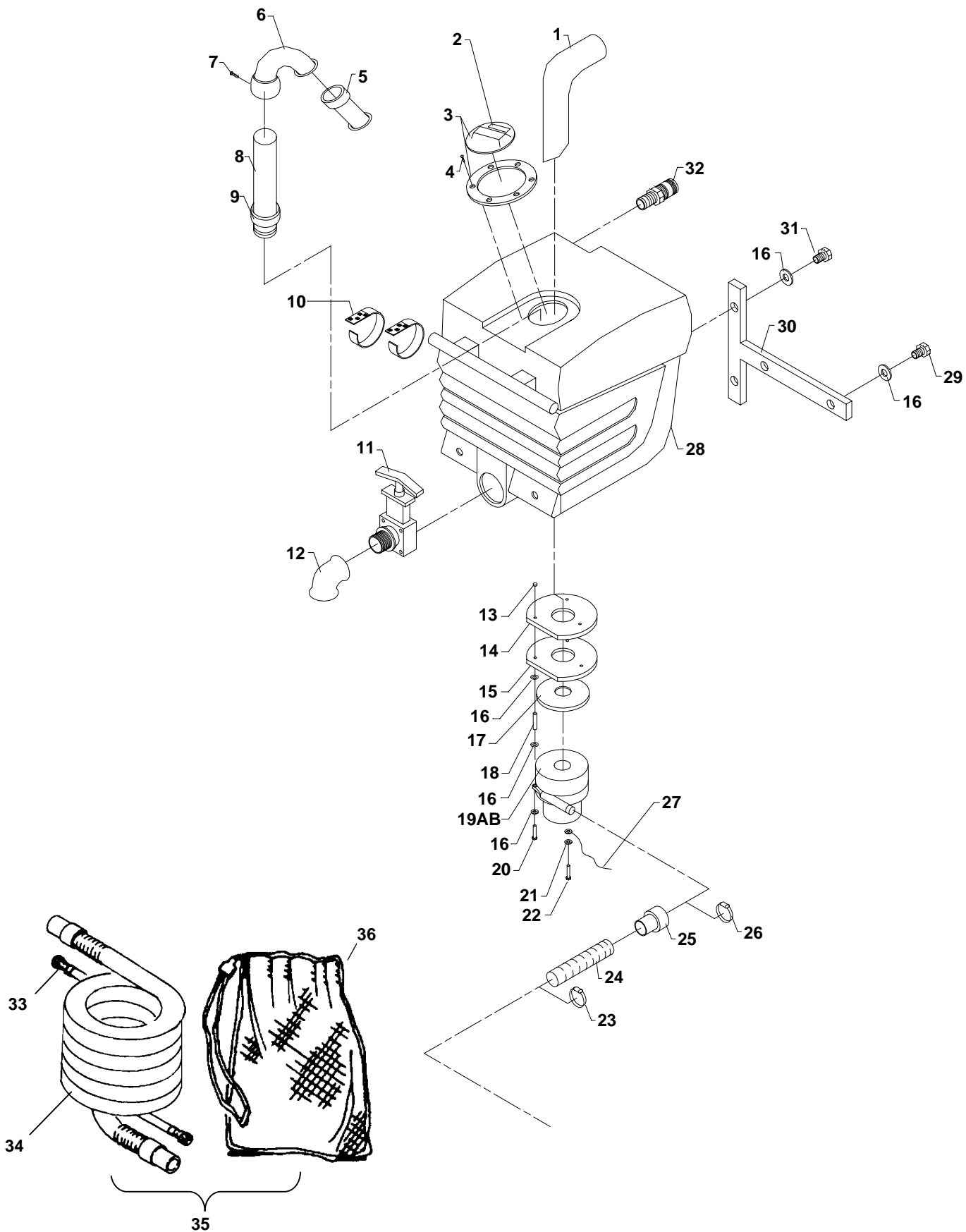
230V WIRING DIAGRAM



- BLACK
- GREEN
- RED
- WHITE
- BROWN
- BLUE

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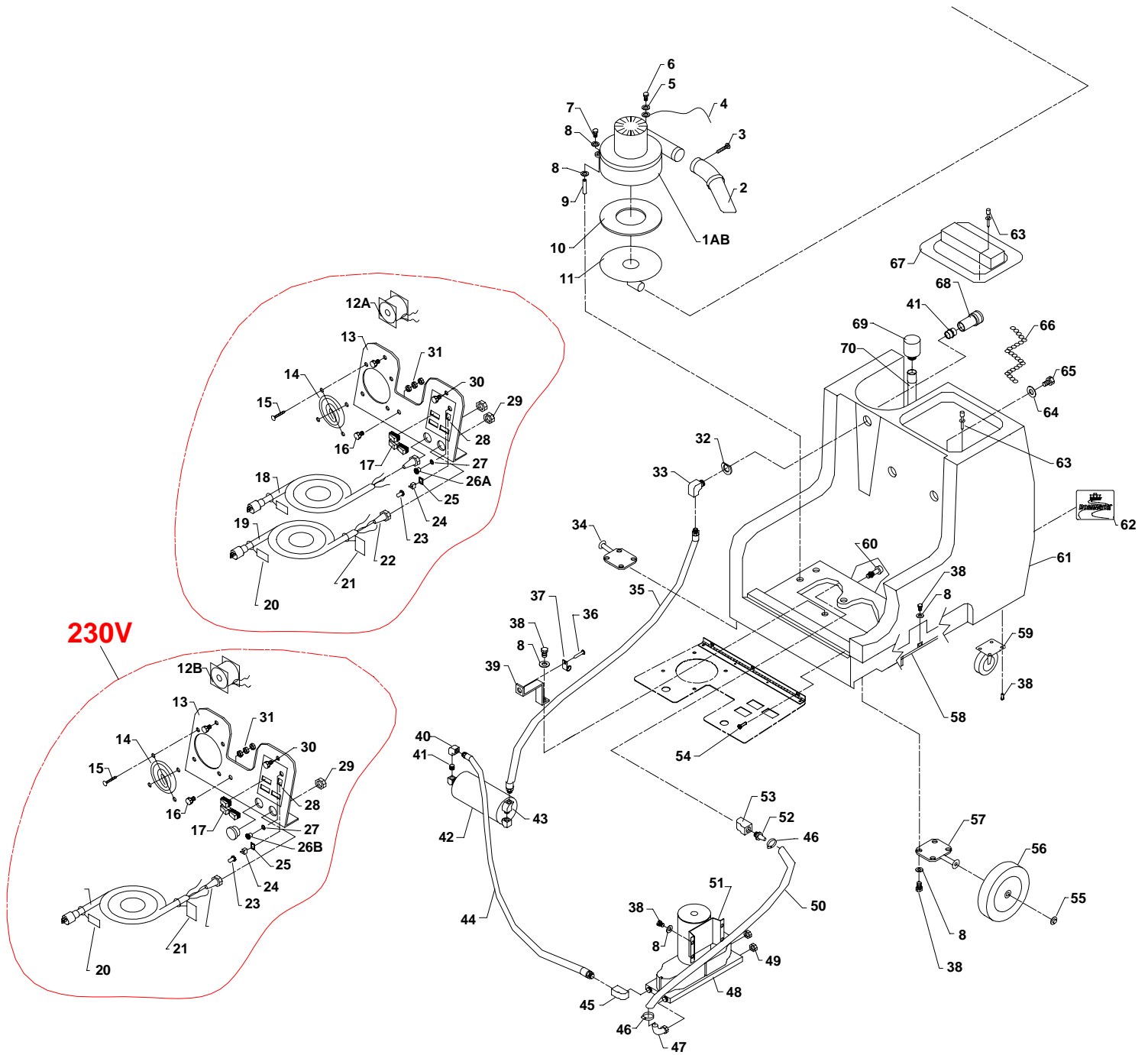
RECOVERY TANK ASSEMBLY



RECOVERY TANK ASSEMBLY

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	05151	1	TUBE ASM, RECOVERY TANK		
2	500009	1	LABEL, WARNING		
3	260-64A	1	ACCESS COVER CLEAR 6" W/RIM		
4	70546	6	SCR, 8 X 3/4 PFHT/S BLK ZINC		
5	090-12A	1	FLOAT CAGE ASSY COMPLETE SLIP		
6	240-46	1	FLOAT SCREEN ADAPTER 30 DEGREE		
7	300-08	1	FL HD WD SCREW PH 6 X 1/2 SS		
8	78460	1	TUBE, 1.5 PVC X 16.5		
9	04032	1	ADPTR, 1.5 MPT X 1.5 FS PVC		
10	320-05	2	VELCRO STRAPS		
11	370-06A	1	DUMP VALVE 1-1/2 M THREAD		
12	31032	1	ELBOW, 1.5 FS X FS 45D PVC		
13	390-26	3	SPACER NYLON 1/4 ID X 1/2 OD		
14	110-26B	1	GASKET VAC BRACKET		
15	360-24	1	PLATE, VAC		
16	87013	13	WASHER, 1/4 ID X 5/8 OD SS		
17	35011	1	GASKET, 3/8T 5.7 VAC FAN SEAL		
18	065-92	3	VAC SPACER 2 1/4 II STAGE		
19A	360-04A	1	VACUUM 110V TWO STAGE 116392-0		
19B	360-06	1	VACUUM 116213 220V SM 2 STG		
20	70250	1	SCR, 1/4-20 X 3.5 HHCS PLTD		
21	87016	3	WASHER, #10 LOCK EXT STAR SS		
22	70335	1	SCR, 10-32 X 1/2 PHTR GRN/GRND		
23	20063	1	CLAMP, 1.75" WORM GEAR X .312		
24	39337	1	HOSE, 1.5 BLK VAC X 24"		
25	27508	1	CUFF, VAC HOSE BLU		
26	20046	1	CLAMP, 2.25" WORM GEAR		
27	880292	1	WIRE, 4" GRN/14 76010 X 76014		
28	75334	1	TANK, RECOVERY DB DK GRY		
29	70015	2	SCR, 1/4-20 3/4 HHCS SS DL		
30	065-25	1	TANK BRACE ASM, D/B		
31	70020	2	SCR, 1/4-20 X 1/2 HHCS SS NP		
32	40001R	1	HOSEBARB, 1.5 MPT X 1.5		
33	39574	1	HOSE ASM, 1/4 HP SLTN 16.5FT		
34	150-44A	1	VAC HOSE 16-1/2' W/CUFFS 1 1/2		
35	47356	1	KIT, HOSE ASM W/BAG DOM50		
36	150-65	1	HOSE BAG 24" X 36"		

SOLUTION TANK ASSEMBLY



SOLUTION TANK ASSEMBLY

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1A	360-04A	1	VACUUM 110V TWO STAGE 116392-0		
1B	360-06	1	VACUUM 116213 220V SM 2 STG		
2	05152	1	TUBE ASM, VAC EXHAUST		
3	50009	1	PAN HD SH MTL SCREW 10 X 1/2 SS		
4	88208	1	WIRE, 21" GRN/14 76001 X 76010		
5	87016	1	WASHER, #10 LOCK EXT STAR SS		
6	70335	1	SCR, 10-32 X 1/2 PHTR GRN/GRND		
7	70663	3	SCR, 1/4-20 X 3 1/4 HHCS PLT		
8	87013	18	WASHER, 1/4 ID X 5/8 OD SS		
9	065-92	3	VAC SPACER 2 1/4 II STAGE		
10	35011	1	GASKET, 3/8T 5.7 VAC FAN SEAL		
11	360-24A	1	PLATE ASM, VAC 90 DEG		
12	070-08	1	FAN 105 CFM AXIAL		
13	61367	1	PANEL ASM, CONT. 3 SW W/HEAT		
14	070-08A	1	FAN FINGER GUARD		
15	70626	4	SCR, #10 X 3/4 PPHST HI-LO BLK		
16	70018	1	SCR, 1/4-20 X 1 HHCS SS		
17	330-02	3	ROCKER SWITCH 2 PRONG		
18	060-04A	1	CORD 25' BLK 14/3 SJTW/A PLUG		
19	060-04	1	CORD 25' BLK 12/3 SJTW/A PLUG		
20	170-41	2	LABEL CIRCUIT INTERRUPTER		
21	170-31	1	HEATER MATE WARNING TAG		
22	73195	2	STRAIN RELIEF, 1/2 NPT (.48M)		
23	330-06	1	TOGGLE SWITCH BOOT		
24	330-05	1	TOGGLE SWITCH		
25	3350-04	1	TOGGLE SWITCH PLATE ON/OFF		
26	51116	1	LIGHT ASM, 115V BRUSH WEAR		
27	22046	1	CLIP, NEON LAMP		
28	500345	1	LABEL, DOM3 SWITCH W/HEAT		
29	57040	2	NUT, 1/2 NPT CONDUIT		
30	140-11	2	KNOB RT/TANK		
31	57105	3	NUT, 1/4-20 HEX W/STAR WASHER		
32	87217	1	WASHER, 9/16 ID MCHD		
33	030-16	1	ELBOW, 1/4 NPT STREET LONG 90D		
34	010-02	1	AXLE ASM, RIGHT		
35	151-50C	1	DB 200PSI PUMP TO QD		
36	70088	1	SCR, 10-32 X 1/2 PPHMS SS NP		
37	20008	1	CLAMP, 5/8 NYLON UL/USA		
38	70020	20	SCR, 1/4-20 X 1/2 HHCS SS NP		
39	065-26	1	HEATER MOUNT ASM, D/B		
40	31017	1	ELBOW, 1/4 FPT X FPT UNION		
41	56014	2	NIPPLE, 1/4 CLOSE		
42	41396	1	HEATER ASM, DB COMPLETE		
43	31021	1	ELBOW, 1/4 NPT 45D STREET		
44	151-51C	1	DB 200PSI PUMP TO HEATER		
45	31016	1	ELBOW, 1/4 NPT STREET		
46	20042	2	CLAMP, 3/8 HOSE (D-SLOT)		
47	40047	1	HOSEBARB, 1/4NPT X 1/2H 90D DL		
48	250-79	1	PUMPTEC 200PSI PUMP & MOTOR		
49	66017	2	PLUG, 1/4 BRASS PIPE		
50	39174	1	HOSE, 1/2 WIRE BOUND X 23"		

SOLUTION TANK ASSEMBLY CONT'

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
51	065-28A	1	PLATE, PUMP MOUNT		
52	40013	1	HOSEBARB, 3/8 MPT X 1/2 DL		
53	31026	3	ELBOW, 3/8NPT STREET		
54	70232	2	SCR, 10-32 X 3/8 PPHMS SS		
55	57196	2	NUT, 1/2 PUSH-ON DOME CAP		
56	040-06	1	WHEEL 8" BLK CENTERED HUB		
57	010-01	1	AXLE ASM, LEFT		
58	065-28	2	DIAMONDBACK 200 PUMP SUPPORT		
59	040-03	1	CASTER SWIVEL 4" SWIVEL		
60	290-08	1	SOL SCREEN (ACORN) W/RUB BASE		
61	75349	1	TANK, SOLUTION DOM 250 DK BLU		
62	500378	2	LABEL, DOMINATOR		
63	280-02	2	RIVIT AL. 3/16 X 1/2 CLOSED		
64	390-24	2	WASHER 1/4 X 5/8 BONDED NEOPRN		
65	140-12	1	KNOB 1/4-20 X 3/4 S/S CUPPOINT		
66	27912	1	CHAIN ASM, #10 BEAD S/S W/EVES		
67	260-71	2	SOLUTION COVER D/B		
68	56012	1	NIPPLE 1/4 FPT QD		
69	250-35	1	D/B BPR 200PSI		
70	151-50B	1	HOSE, 42" GRY 3/8 1/4 MPTXCUT		

SUGGESTED SPARE PARTS

SUGGESTED SPARE PARTS		
DESCRIPTION	PART NUMBER	PAGE/REF
FUSE	55100041	15/203
BPR KIT	55250331	15/191
THERMOSTAT	55130149	
THERMOSTAT	55130143	
KIT, PACKING PUMP	55250751	
KIT, BEARING PUMP	55250752	
KIT, VALVE PUMP	55250753	
CARBON BRUSHES, VAC MOTOR 115V	140370	
VAC MOTOR ASM, 115V UPPER	5536032	13/111A
VAC MOTOR ASM, 115V LOWER	5536033	15/131A
VAC MOTOR ASM, 230V UPPER	55360321	13/111B
VAC MOTOR ASM, 230V LOWER	55360331	15/131B
PUMP, 200 PSI 115V	5525079	15/168A
PUMP, 200 PSI 230V	55250791	15/168B
SWITCH	5533002	15/142
8" GRAY RUBBER WHEEL	5504006	15/171
WHEEL CAP 1/2	5504007	15/172
4" CASTER	5504003	15/177
SOLUTION TANK KNOB	5514012	15/180
SWITCH PLATE KNOB	5514011	15/141
ACCESS COVER	55260641	13/114
STRAINER	5529008	15/199
SEAL, DUMP VALVE	5537008	
PANEL LAMP 110V	5505030	15/146A
PANEL LAMP, 230V	5505031	15/146B
TOGGLE SWITCH, 115V	5533005	15/147A
TOGGLE SWITCH, 230V	55330051	15/147B
HOSE, PRIMING	5515076	15/204

NOTES:



LIMITED WARRANTY

Windsor Industries, Inc. warrants new machines against defects in material and workmanship under normal use and service to the original purchaser. The warranty period is subject to the conditions stated below.

3 YEARS FOR PARTS AND 1 YEAR FOR SERVICE LABOR

Exceptions: Rotationally molded polyethylene tanks carry a **6 year** parts and 1 year service labor warranty. VERSAMATIC® models carry a 3 year warranty on brush motors, vacuum motors, and belts, and a 1 year service labor warranty. SENSOR® models carry a 2 year warranty on vacuum motors and belts, and a 1 year service labor warranty. Extractor brush motors, pump motors, pc boards and electronics, vac motors (other than VERSAMATIC® and SENSOR®), pumps, and FLEXSOL™ diaphragms, all RADIUS™, all ACCESS™ and TITAN™1 carry a 1 year parts and service labor warranty. Propane equipment has a 1 year parts and service warranty. The Onan® engines have a 3 year manufacturers' warranty. The Honda® engines have a 2 year manufacturers' warranty. The engine warranty is administered through the engine manufacturer and must be repaired at an authorized service center.

Normal wear items including, but not limited to, belts, brushes, capacitors, carbon brushes, casters, clutches, cords, filters, finishes, gaskets, hoses, light bulbs, rectifiers, switches, squeegees, bearings, pulleys, relays, actuating cables, tires and wheels will be warranted for manufacturing defects for 90 days from the purchase date.

The warranty commences on the purchase date by the original end user from an authorized Windsor Agent, subject to proof of purchase. The Machine Registration Card must be completed and returned immediately at the time of purchase. If proof of purchase cannot be identified, the warranty start date is 90 days after date of sale to an authorized Windsor distributor. Parts replaced or repaired under warranty are guaranteed for the remainder of the original warranty period.

90 DAY WARRANTY EXTENSION AVAILABLE

Upon receipt of the Machine Registration Card, Windsor will extend the warranty period an additional 90 days from the purchase date. Does not include items warranted 90 days for manufacturing defects.

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 this written warranty. Windsor will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing; performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the buyer.

This warranty shall not apply to: 1.damage in transit; 2.misuse or abuse(including the use of incompatible or corrosive chemicals or overloading of capacity); 3. failure due to lack of proper maintenance and care (including cleaning); 4.any design alterations performed by an organization not authorized or specified by Windsor; 5.batteries and chargers. 6. high pressure washing. 7.electrical components exposed to moisture.

If difficulty develops during the warranty period, contact the authorized Windsor Agent from whom the product was purchased. Windsor, Inc. may elect to require the return of components to validate a claim. Any defective part to be returned must be shipped freight pre-paid to an authorized Windsor Distributor/Service Center or to the Windsor factory.

USE OF PARTS NOT APPROVED BY WINDSOR, INC. WILL VOID ALL WARRANTIES.

This warranty is valid only for all products sold after July 1, 1995. A product sold before that date shall be covered by the limited Warranty in effect at the date of sale to the original purchaser.



WINDSOR INDUSTRIES, INC., 1351 W. Stanford Ave., Englewood, CO 80110 USA
Phone: 303-762-1800 Fax: 303-762-0817 Internet: www.windsorind.com