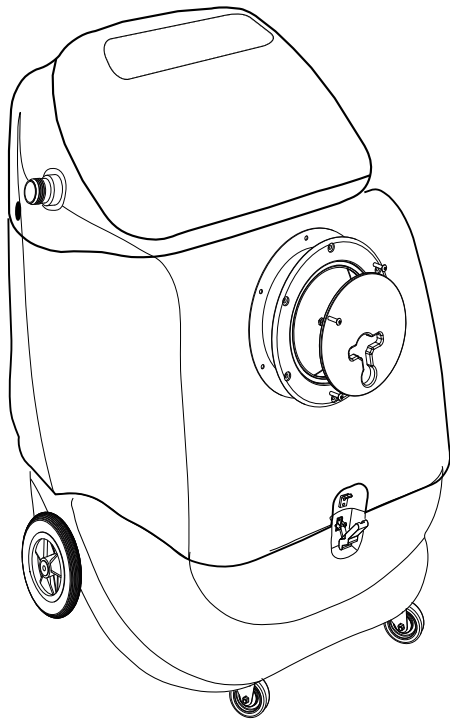


SERVPRO®

#788 FLOOD KING DX

120V



INFORMATION & OPERATING INSTRUCTIONS



CAUTION: DO NOT OPERATE MACHINE UNTIL YOU HAVE READ ALL SECTIONS OF THIS INSTRUCTION MANUAL



IMPROPER USE OF THE MACHINE WILL VOID THE WARRANTY

1. Always use a defoamer when foaming occurs to prevent vacuum motor damage.
2. Keep machine from rain and snow, extremes in temperatures, and store in a heated location. Use the machine indoors. Do not use outdoors.
3. Never use the machine without the pre-filter bag installed.

IMPORTANT SAFETY INSTRUCTIONS

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

When using any electrical appliance, basic precautions should always be followed, including the following:

NOTE: Read all instructions before using this machine.



WARNING!

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

- Do not leave the machine unattended when it is plugged in. Unplug the unit from the outlet when not in use and before servicing.
- To avoid electric shock, do not expose to rain or snow. Store, and use, indoors.
- Do not allow to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If the machine is not working as it should, has been dropped, damaged, left outdoors or dropped into water, return it to a service center.
- Protect the cord. Do not: use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Do not run the machine over the cord. Keep the cord away from heated surfaces. To unplug, grasp the plug, not the cord.
- Do not handle the plug, the cord or the machine with wet hands.
- Extension cords must be 12/3 and no longer than 50 feet. Replace the cord or unplug immediately if the ground prong becomes damaged.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep loose clothing, hair, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes, or any health endangering dusts. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Turn off all controls before unplugging.
- Connect to a properly grounded outlet only.

INSPECTION:

Carefully unpack and inspect your #788 FLOOD KING DX for shipping damage. Each machine is tested and inspected before shipping. Any damage incurred during shipping is the responsibility of the carrier. You should notify the carrier immediately if you notice damage to the box or to the machine or parts.

MAINTENANCE:

Prior to each job, inspect the recovery tank pre-filters, the stainless steel in-line filters, the float, and the drain hose to make sure every thing is clean and able to function properly. After each job, remove and clean both the nylon mesh pre-strainer at the vacuum inlet and the stainless steel filters in the bottom of the recovery tank. Unscrew the clear caps off the in-line filters (located under the recovery tank) and clean the screens often. Pump damage may occur if the filters become clogged.

⚠ Check hose clamps regularly to make sure they are tight. The pump discharges water at high pressure. If a hose clamp becomes loose, the hose could also come loose, or fall off of the hose barb, and leak water into the base compartment.

Lubricate the wheels, castors, latches, and quick disconnects with an all purpose silicone spray. The vacuums and the pumps do not require any scheduled maintenance; however the vacuum motors may require new brushes after 1000 - 1500 hours. Clean the body with an all purpose detergent, and protect it with an automobile interior spray protectant.

Record the serial number and model of your new extractor here:

(and be sure to register your warranty -- go to www.usproducts.com)

Serial Number: _____ **Model:** FLOOD KING DX-120

Purchase Date: _____

Write the name and phone number of your distributor:

SAVE THESE INSTRUCTIONS

SET-UP:

Connect the vacuum/recovery hose to the vacuum inlet hose barb on the recovery tank. Connect the dump hose to the hose fitting on the rear of the machine. Check filters. Put the lid on the recovery tank. Plug the machine into a grounded outlet.

VACUUM OPERATION:

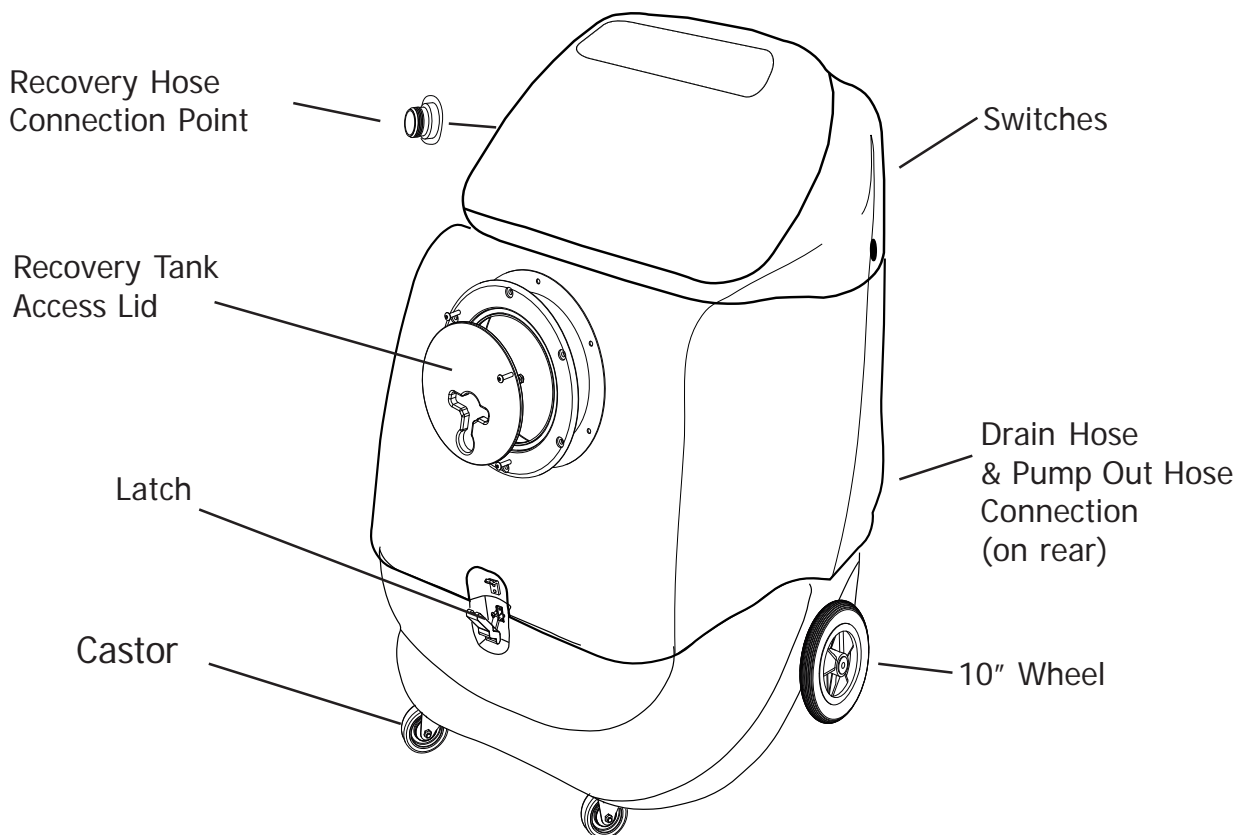
A switch is provided for each vacuum motor. The machine can operate with either one, or both, vacuum motors running.

VACUUM SHUT-OFF:

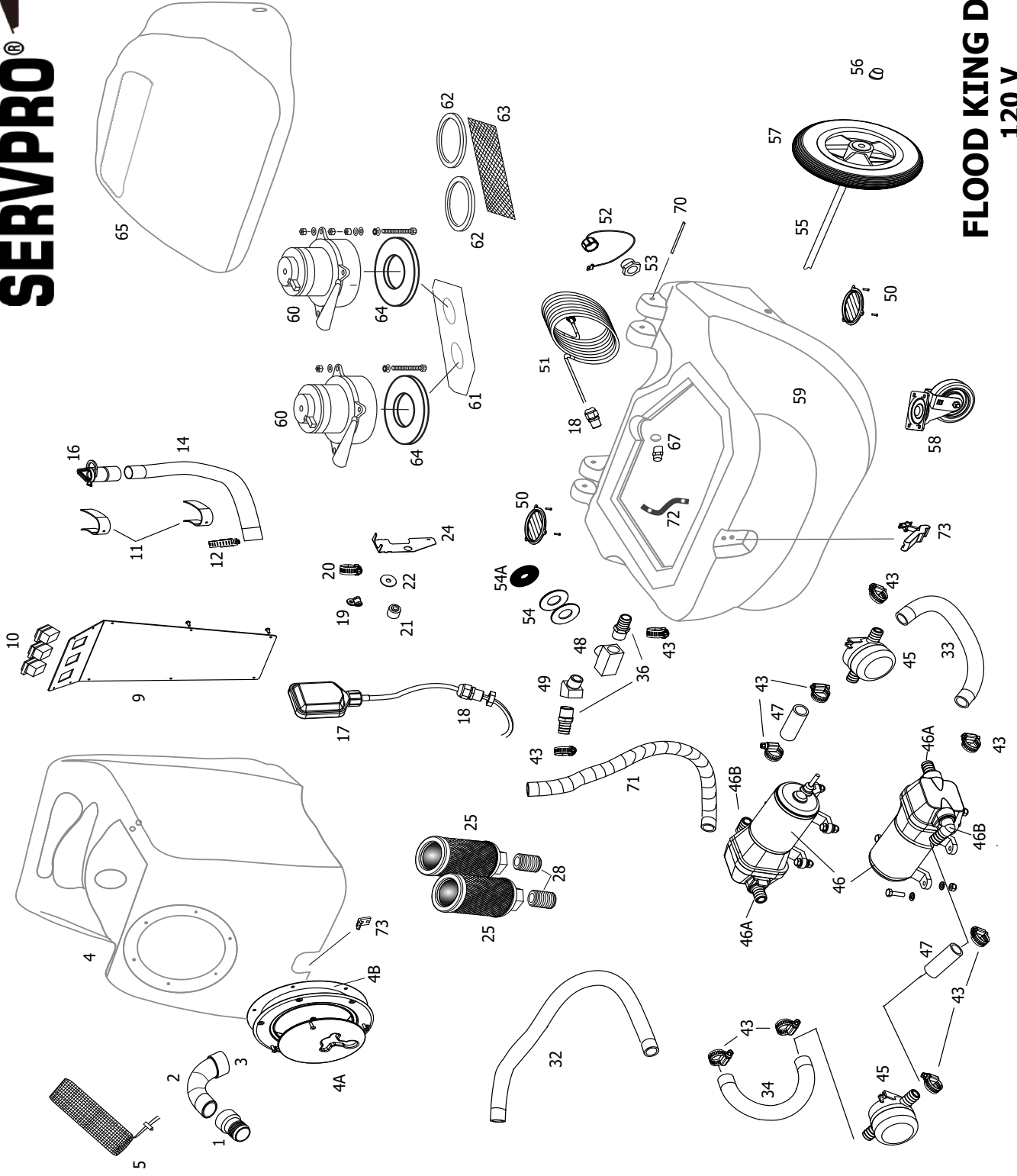
When the recovery tank is full, the float system will shut off power to the vacuum motor(s) to prevent water from entering the motor(s). The float may not work properly if it is extremely dirty or if there is foam in the tank. Use a defoamer any time foam is present. Once the tank has emptied sufficiently, the vacuums will come back on automatically.

PUMP OPERATION:

Always be sure to uncap the pump-out fitting and connect the dump hose before turning the pumps on. Failure to do so may result in blown hoses or loose fittings; water will damage motors and switches. The two diaphragm pumps on your Flood King work together. When you turn the pump switch on, both pumps will run, and they will continue to run until you turn them off. Do not let the pumps run dry for extended periods of time.



SERVPRO®



FLOOD KING DX 120 V 02/04/2010

#788 FLOOD KING DX

PART LIST

120V

<u>Item</u>	<u>Part No</u>	<u>Description</u>	<u>Item</u>	<u>Part No</u>	<u>Description</u>
1	2077	Hose Barb, 1-1/2"	46	2067	Pump, dump
2	1463	Eblow, ABS, 45 degrees (3)	46A	N/A	Hose barb. from pump
3	1464	Bushing, 2" slip	46B	1466	Hose barb/elbow
4	SUBVT-27	Tank, recovery	47	1468	Hose, 3/4" ID X 3"
4A	2070B	Lid, 6", vac, with mounting ring	48	152	"T," brass
4B	1129	Gasket, for vacuum lid	49	372	Elbow, brass, 45 degree
5	FP521	Strainer bag, vac inlet	50	928	Louver, 3", includes screws
9	1434	Switch plate	51	495A	Power cord, 25 ft, 12/3
10	FP578	Switch, SPST	52	237	Cap, with chain
11	1130	Strap, velcro	53	379	Hose fitting
12	1518	Hose Clamp	54	152A	Washer, flat, S/S
14	1060B	Hose, drain	54A	237A	Washer, rubber
16	1060C	Plug, drain hose	55	910-24.50	Axle, 24-1/2" long
17	2068	Float, switch	56	27A	Axle cap
18	230	Retainer, cord	57	2084	Wheel, 10"
19	196	Clamp, cable	58	905	Castor. 4"
20	1518	Hose Clamp	59	SUBBS-15	Base, drilled
21	1349	Spacer, float	60	408E	Vacuum motor, 3-stage
22	290	Washer, flat, rubber	61	MA-9	Manifold, vacuum
24	1350	Bracket, float mounting	62	1477	Gasket, under Vac Manifold
25	2069	Filter, inlet, 60 mesh, S/S	63	1056	Screen, wire filter, vac inlet
28	1168	Nipple, PVC, 3/4 X 1-3/8"	64	2013A	Gasket, under vac motor
32	1468	Hose, 3/4" ID X 22"	65	VC-GRN	Cover, over vacuums
33	2079	Hose, 3/4" ID X 14"	67	937	Coupling, PVC
34	2079	Hose, 3/4" X 13"	70	801	Hinge Pin
36	378	Hose barb, brass	71	2079	Hose, reinforced, 10"
43	380	Hose clamp	72	1476	Strap, stop
45	2074	Filter, in line, 50 mesh	73	908B	Latch and strike

MISCELLANEOUS PARTS

919C	Vacuum Inlet Hose
717	Hose Cuff, for Vac Hose
956A	Drain Hose, 50 ft
971	Bag, Mesh, for hoses

SPECIFICATIONS:

POWER CORD:	One, 25 ft, 12 gauge, 3-wire with hospital grade plug
POWER CONSUMPTION:	13 Amps, total
RECOVERY CAPACITY:	9 gallon
VACUUM INTAKE HOSE:	2' X 25'
VACUUM MOTOR(S):	Two 3-stage vacuum motors
WATER LIFT/CFM:	100 inches/170 cfm
AIR WATTS:	520 AW (in operational range)
OVERFLOW PROTECTION:	Electronic Float / Auto ON/OFF
DISCHARGE PUMPS:	Two diaphragm bilge pumps
DISCHARGE HOSE:	One 3/4" X 50'
DISCHARGE RATE:	10.5 GPM
FILTER SYSTEM:	One 80 micron polyester mesh strainer at the water inlet to the recovery tank Two 50 mesh S/S filters in recovery tank Two 50 mesh S/S screens in-line
WEIGHT:	85 LBs

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NOTES:

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GALLATIN, TN 37066
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