

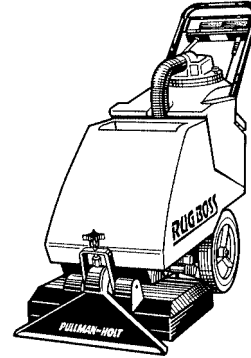
PULLMAN-HOLT

Operation & Care Instructions

Save For Future Reference

Self-Contained Extractor Model SC400

This extractor is a high quality, precision made product. All parts used in the manufacturing of this extractor have passed rigid quality control standards prior to assembly, and an "each unit" final inspection prior to packaging is your assurance of proper assembly. This extractor was protectively packed to prevent possible damage in transit. Should damage occur, please notify the transporting carrier immediately for loss and/or claim.

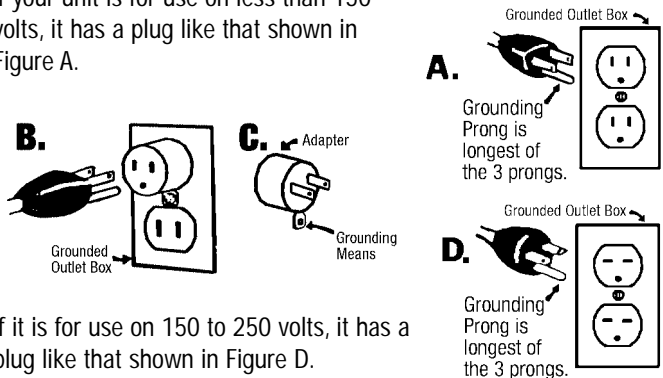


IMPORTANT SAFEGUARDS

GROUNDING:

This machine must be grounded while in use to protect the operator from electric shock. The extractor is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal.

If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A.



If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D.

An adapter (Figures B&C) is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug etc., must be connected to a permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figure B & C is not for use in Canada.

WARNING

To avoid the possibility of electrical shock, the extractor must be grounded during use. Plug the electrical power cord into a **grounded** wall receptacle (120 volts, 60 Hz only). Do not operate the machine on an ungrounded building circuit or if the ground lug has been removed from the power cord plug. If the building receptacle does not have ground connection, use an adapter as shown in figure B.

EXTENSION CORDS:

Machines that have 3 wire cords requiring grounding must only be used with extension cords that have 3-prong grounding type plugs and 3-pole receptacles. Use only three wire #14 or larger gauge extension cord. The maximum recommended extension length is 40 feet.

Before using an extension cord, inspect it for loose or exposed wires, damaged insulation and defective connections.

CAUTION

Always disconnect power cable from outlet when working on this machine.

CAUTION

Service and repair should be performed only by a qualified technician. Call (800) 237-7582 for the location of the nearest Pullman-Holt Authorized Service Center.

ABOUT THE MACHINE

MOTOR:

This extractor is equipped with a three-stage, 14 amp, motor which develops 117" waterlift and 97 CFM. The pump motor is a diaphragm-type with 100 PSI pump pressure.

Prior to first use, flush the machine out thoroughly with clean water to remove antifreeze from the pump to avoid staining the carpet.

Do not pump gasoline or flammable liquid.

TO OPERATE:

1. Pour defoamer into the recovery tank and carpet cleaner into the solution tank per the chemical manufacturer's instructions.
2. Press the vacuum motor switch "on."
3. Pull the extractor backward over the carpet surface while activating the "Intermittent" switch on the control console. Release the "intermittent" switch about one foot from the end of the cleaning pass to insure complete solution recovery.
4. Push down on the handle and roll the extractor forward for the next cleaning pass. Overlap each pass about 2-3 inches.

BRUSH HEIGHT ADJUSTMENT (SC400)

Adjust the brush height by turning the black knob located above the vacuum pick-up on the front of the extractor. Clock-wise to raise brush and counter-clockwise to lower brush. A properly adjusted brush will sweep the top of the carpet. Setting the brush too deep may cause damage to the carpet.

CONTINUOUS BRUSH & PUMP SPRAY SWITCHES

For long cleaning passes, you may use the continuous brush and pump spray switches instead of the "Intermittent" switch. Be sure to turn both switches OFF approximately one foot from the end of your cleaning path.

DOUBLE AGITATION

For heavily soiled traffic areas, make two cleaning passes with your machine as follows:

1. Turn vacuum switch OFF, pull the extractor backward over the carpet surface while activating the "Intermittent Brush and Pump Spray" switch.
2. Return to original position, turn vacuum switch ON, pull the extractor backward over the carpet surface while activating the "intermittent Brush and Pump Spray" switch.

ACCESSORY USE (Accessories Sold Separately)

HAND TOOL:

The hand tool is connected to the vacuum and solution hose assembly and is used to clean new/old spills from carpet/vinyl floors. It is also used to clean furniture and upholstery.

WAND:

The wand is used to clean small areas of carpet/vinyl floors when connected to the vacuum and solution hose assembly.

MAINTENANCE

GENERAL:

Thoroughly clean after each use. Flush the pump and solution hose (pump clean water through the solution dispensing system to clear lines, strainer and nozzles). The strainer can be screwed off, cleaned and replaced.

STORAGE:

Clean the extractor thoroughly before storage. Empty and clean both tank. Pump about one quart of clean water to rinse the pump and nozzle. Remove and clean the solution screen filter.

WARNING

DO NOT ALLOW YOUR EXTRACTOR TO FREEZE. Freezing will cause damage not covered by the warranty. If the extractor must be stored in freezing temperatures, be sure that the lines are completely drained and dry. Pour automotive anti-freeze solution in the solution tank with water and run the pump motor for 30 seconds to circulate the anti-freeze mixture through the pumping and hose system.
Flush the machine thoroughly before the next use to avoid staining the carpet.

TROUBLE SHOOTING GUIDE

Symptom	Possible Cause(s)	Corrective Action
Little or no spray from nozzle, pump runs	1) Low water in solution tank 2) Clogged filter 3) Clogged nozzles	1) Refill tank 2) Remove and clean filter 3) Remove and clean nozzles
Pump fails to shut off when discharge valve is closed	1) Punctured pump diaphragm 2) Defective pressure switch 3) Discharge line leak 4) Insufficient voltage to pump	1) Check and replace 2) Replace 3) Check lines 4) Check line voltage
Low flow and pressure	1) Accumulation of debris inside pump or plumbing 2) Punctured pump diaphragm	1) Clean system 2) Check and replace
Pulsating Flow	1) Restricted pump discharge	1) Check lines, valve and nozzles for clogging
Motors fail to turn on	1) No power 2) Pressure switch failure (pump) 3) Defective motor	1a) Not plugged into electrical outlet 1b) Check voltage before/after switches 2) Replace 3) Replace

WARNING : Always disconnect power cable from electrical outlet when working on this machine.