



Operation and Maintenance Instructions

SOLVENTsaver™ Filtration Element

For Industrial Use Only

SAFETY WARNINGS

You will find various types of safety information on the following pages and on the labels attached to Graymills equipment. The following Safety Statements explain their meaning:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

CAUTION

CAUTION, used without the safety alert symbol, is used to address practices not related to personal injury.

NOTE

The **NOTE** symbol means that failure to follow these instructions could cause damage to the equipment or cause it to operate improperly.

⚠ CAUTION

Never work with equipment you feel may be unsafe. Contact your Supervisor immediately if you feel a piece of equipment is in an unsafe condition.

⚠ CAUTION

- When installing or removing the SOLVENTsaver, unplug parts washer. Be sure electrical system is OFF.
- Eye and skin protection **MUST BE** worn when installing or removing the SOLVENTsaver filtration element. Take all precautions normally exercised when handling solvents for the installation and removal procedures of filtration element.
- If filtration element bag tears and material spills, sweep up the wet or dry material and put into a metal container for proper disposal.
- Used filtration elements should be completely dried and stored in a metal, lidded container and stored in a cool, dry area until disposal.
- Care must be taken when disposing of solvent permeated material. It is recommended that the user consult federal, state and local authorities for any special regulatory considerations before disposing.

⚠ WARNING

- Do not take internally.
- Keep out of reach of children.

NOTE

For your convenience, it is also recommended that a "T" valve (not supplied) be installed on the base of your flow-through nozzle that would allow you to connect to the SOLVENTsaver hose in a more permanent fashion and permit you to easily divert the flow of solvent from the flow-through nozzle to the filtration element when the parts cleaner is not in use.

SOLVENTsavers are packaged two in a box, with one connector hose. This durable hose is to be used for both SOLVENTsavers.

SOLVENTsavers are intended only for use with combustible mineral spirits/petroleum hydrocarbon-based solvents. When the SOLVENTsaver is connected and unit is operating, solvent is evenly dispersed throughout the absorbent material removing oil and grease build-up. If fine particulate filtration is needed, the SOLVENTsaver II should be used. It has a 5 micron pleated paper cartridge to remove particulate prior to the oil and grease absorbing stage.

INSTALLATION AND OPERATING INSTRUCTIONS

Graymills SOLVENTsavers are designed to provide the user with on-going solvent cleaning and quick, easy change-outs. An optional, durable "side mount" bracket (part #SS-BRAC) is available and may be used to protect the SOLVENTsaver and serve as a handy, space-saving shelf.

Installation of SOLVENTsaver only

WARNING

Proper installation of the SOLVENTsaver and/or hanging bracket is very important. Do not obstruct the fusible link, self-closing safety mechanism of your parts cleaner tank lid.

1. Turn off parts washer.
2. Attach the connector hose to hose barb located on the end of canvas filtration bag.

NOTE

Only one connector hose is shipped in each carton of two (2) filtration elements. Save and reuse the connector hose.

3. Attach the end of the connector hose with the universal adapter fitting to the end of flexible solvent discharge nozzle on the parts cleaner.
4. Place the filtration element on its side in a convenient area within the parts cleaner on a shelf above the cleaning solution.
5. Turn the parts cleaner pump switch to "on" to start cleansing action. The bag will fill and begin filtering the solvent.

Installation of SOLVENTsaver using optional Side-mount Bracket

WARNING

Proper installation of the SOLVENTsaver and/or hanging bracket is very important. Do not obstruct the fusible link, self-closing safety mechanism of your parts cleaner tank lid.

1. Turn off the parts washer.
2. Attach the connector hose to the hose barb located on the end of the canvas filtration bag.
3. Attach the end of the connector hose with the universal adapter fitting to the end of flexible solvent discharge nozzle on the parts cleaner.
4. Lower the filtration element bag into the mounting bracket.
5. Hang the bracket on the inside wall of the parts cleaner and out of the way.
6. Turn the part cleaner pump switch to "on" to start cleansing action. The bag will fill and begin filtering the solvent.

Operation

- Graymills recommends that when installing SOLVENTsavers for the first time, start with a clean batch of solvent and make sure that the unit does not contain excessive amounts of sludge.
- Starting clean and applying on-going filtration during down time or off hours to keep your solvent clean on a day to day basis.
- Color and clarity do not necessarily indicate the cleanliness, strength or effectiveness of the solvent. For example, diesel engines and diesel related oils, lubes, and carbons leave a very dark appearance of the solvent even after it has been cleansed but this does not necessarily indicate a lack of effectiveness. The cleanliness of your parts is the true indication of solvent effectiveness.
- The length of time that the SOLVENTsaver will continue to cleanse solvent is relative to parts cleaner usage and the dirt, oil and grease load.
- In order to keep the solvent clean, it is recommended that you filter solvent as often and as long as possible on a day-to-day basis. When it appears that oil and grease are not being removed from solvent, a change-out is needed.
- To maximize the life of the SOLVENTsaver, we recommend rotating the filtration element a quarter-turn once a day.

DISPOSAL

Allow the filtration element to drain and dry thoroughly, then place in a plastic bag for disposal. It is recommended that the user check with federal, state and local authorities for any special regulatory considerations before disposing.



Graymills
PARTS WASHERS

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