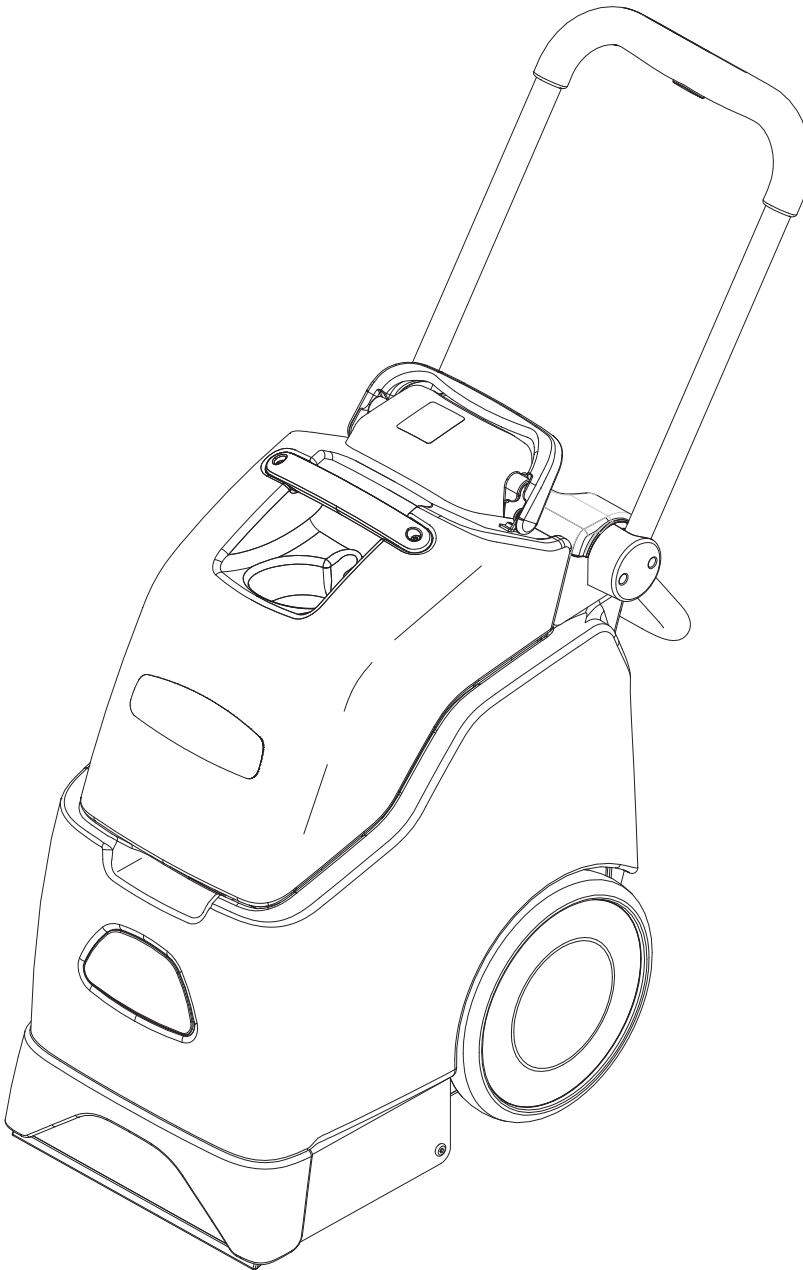


# **Mini Carpet Extractor** (4 Gallon)



Operating instructions (ENG)

**MODELS:**                    **MPRO**  
   **10080390**

**MPROEU**  
**10080400**

**MPROGB**  
**10080410**

**MPROAU**  
**10080420**

Read these instructions before using the machine.

86037780-AF  
08/15/11



## ***Machine Data Log & Overview***

---

Model:	_____
Date of Purchase:	_____
Serial Number:	_____
Dealer:	_____
Address:	_____
Phone Number:	_____
Sales Representative:	_____

### **OVERVIEW**

The carpet extractor is a mains powered, portable extractor intended for commercial use. The appliance sprays a cleaning solution onto the carpet, agitates the wet carpet, and then extracts the soiled solution back into the unit's recovery tank. The appliance can be fitted with an accessory tool for cleaning upholstery and stairs.

## **Warranty Registration**

Thank you for choosing our product. Warranty registration is quick and easy. Your registration will allow us to serve you better over the lifetime of the product.

To register your product go to:

<http://warranty.karcherna.com/warrantyregistration.aspx>

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## How to Use This Manual

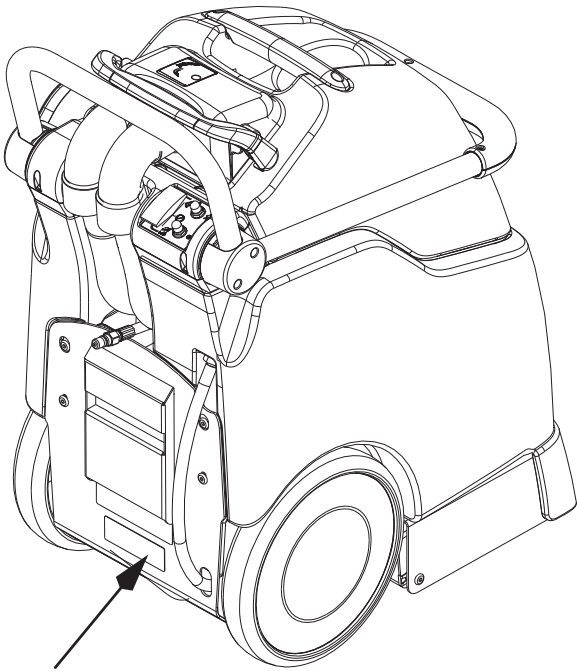
This manual contains the following sections:

- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- MAINTENANCE
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

The model and serial number of your machine is located on the lower back panel.



The SAFETY section contains important information regarding hazardous or unsafe practices of the machine. Levels of hazards are identified that could result in product damage, personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Periodic
- Daily/Regular
- Troubleshooting

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF** - column refers to the reference number on the parts illustration.
- **PART NO.** - column lists the part number for the part.
- **PRV NO.** - Reference number.
- **QTY** - column lists the quantity of the part used in that area of the machine.
- **DESCRIPTION** - column is a brief description of the part.
- **SERIAL NO. FROM** - column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine. The main illustration shows the most current design of the machine. The boxed illustrations show older designs. If column has an asterisk (\*), call manufacturer for serial number.
- **NOTES** - column for information not noted by the other columns.

**NOTE:** If a service or option kit is installed on your machine, be sure to keep the **KIT INSTRUCTIONS** which came with the kit. It contains replacement parts numbers needed for ordering future parts.

**NOTE:** The manual part number is located on the lower left corner of the front cover.

## 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

## CONSIGNES IMPORTANTES DE SÉCURITÉ

Lors de l'utilisation d'un appareil électrique, il faut toujours observer des précautions élémentaires, qui comprennent parmi celles-ci :

**LISEZ BIEN L'ENSEMBLE DES CONSIGNES AVANT D'UTILISER CET APPAREIL.**

**Cette machine est pour l'utilisation commerciale.**

**⚠ AVERTISSEMENT:** Pour réduire les risques d'incendie, d'électrocution ou de blessure :

Raccordez l'appareil à une prise adéquatement reliée à la terre. Voir les Consignes de mise à la terre.

Ne laissez pas l'appareil sans surveillance lorsqu'il est branché. Débranchez l'appareil lorsqu'il n'est pas utilisé et avant tout entretien.

Utilisez-le exclusivement dans des endroits fermés. Ne l'utilisez pas en plein air et ne le laissez pas sous la pluie.

Ne pas permettre aux enfants de jouer avec l'appareil. Durant la manoeuvre de la machine, prendre garde aux personnes environnantes et notamment aux enfants.

Utilisez-le exclusivement de la manière décrite dans ce manuel. Utilisez exclusivement les composants et les fixations recommandés par le fabricant.

N'utilisez pas l'appareil si le cordon ou la fiche est endommagé(e). Observez toutes les consignes figurant dans ce manuel au sujet de la mise à la terre de l'appareil. Si l'appareil ne fonctionne pas correctement, s'il est tombé par terre, s'il est endommagé, s'il a été laissé dehors ou s'il a été plongé dans l'eau, veuillez le renvoyer à un centre d'entretien agréé.

Ne tirez pas sur le cordon, ne portez pas l'appareil par le cordon, n'utilisez pas le cordon comme poignée, ne fermez pas une porte sur le cordon, ne tirez pas sur le cordon dans des angles ou des coins pointus.

Ne faites pas passer l'appareil par-dessus le cordon. Maintenez le cordon à l'écart de surfaces chauffées..

Ne débranchez pas l'appareil en tirant sur le cordon. Pour le débrancher, empoignez la fiche, non pas le cordon.

Ne manipulez pas la fiche ou l'appareil les mains mouillées.

Ne faites pas fonctionner l'appareil si des ouvertures sont bouchées. Dégagez des ouvertures tous débris susceptibles d'entraver le passage de l'air.

Cette machine est destinée pour nettoyer le tapis seulement.

Ne pas ramasser quelque chose qui brûle ou fume, comme des cigarettes, des allumettes ou des cendres chaudes.

Cet appareil n'est pas conçu pour aspirer des poussières dangereuses.

Arrêtez toutes les commandes avant le débranchement.

L'appareil peut déclencher un incendie s'il se trouve à proximité de vapeurs ou de matériaux inflammables. Ne faites pas fonctionner cet appareil à proximité de fluides, de poussières ou de vapeurs inflammables.

Cet appareil est adapté à un usage commercial : par exemple dans les hôtels, les établissements scolaires, les hôpitaux, les usines, les magasins et les bureaux, à des fins plus étendues qu'un simple entretien de la maison.

Les travaux de maintenance et de réparation doivent absolument être effectués par du personnel qualifié.

Si de la mousse ou du liquide s'échappe de la machine, éteignez-la immédiatement.

**CONSERVEZ CES CONSIGNES**

The following symbols are used throughout this guide as indicated in their descriptions:

**HAZARD INTENSITY LEVEL**

There are three levels of hazard intensity identified by signal words **-WARNING** and **CAUTION** and **FOR SAFETY**. The level of hazard intensity is determined by the following definitions:

**⚠ WARNING:**

**WARNING** - Hazards or unsafe practices which **COULD** result in severe personal injury or death.

**⚠ CAUTION:**

**CAUTION** - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

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

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

**FOR SAFETY:**

**DO NOT OPERATE MACHINE:**

Unless Trained and Authorized.

Unless Operation Guide is Read and understood.

In Flammable or Explosive areas.

In areas with possible falling objects.

**WHEN SERVICING MACHINE:**

**Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use only manufacturer approved replacement parts.**

## **Safety**

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Les symboles ci-dessous sont utilisés à travers ce manuel comme illustré dans leurs descriptions :

### **DEGRÉS DE RISQUES EN CAS DE DANGER**

Il existe trois degrés de risques identifiés par les termes signalétiques **-AVERTISSEMENT** et **ATTENTION** et **POUR VOTRE SÉCURITÉ**. Le degré de risque est défini de la manière suivante :

#### **▲ AVERTISSEMENT:**

**AVERTISSEMENT** - Dangers ou méthodes dangereuses qui **POURRAIENT** provoquer de graves blessures ou entraîner la mort.

#### **▲ ATTENTION:**

**ATTENTION** - Dangers ou méthodes dangereuses qui pourraient provoquer des blessures légères ou une détérioration du produit ou des biens immobiliers.

**POUR VOTRE SÉCURITÉ** : ce signe permet d'identifier les mesures de précaution à prendre pour assurer un bon fonctionnement du matériel.

Rendre compte immédiatement d'une défaillance ou d'une détérioration de la machine. Ne pas utiliser la machine si celle-ci ne fonctionne pas correctement. Lire soigneusement les informations ci-dessous signalant certains dangers potentiels pour l'opérateur de la machine. L'opérateur doit être absolument au courant de ces dangers potentiels. Localiser tous les dispositifs de sécurité sur la machine. Il est conseillé de prendre les mesures nécessaires pour former le personnel opérateur.

#### **POUR VOTRE SÉCURITÉ :**

**NE PAS MANOEUVRER LA MACHINE :**

Lorsqu'on n'est pas expérimenté ou qualifié.

Lorsque le guide d'utilisation n'est pas été lu ou compris.

Dans des zones inflammables ou explosives.

Dans des zones où des objets peuvent tomber.

#### **LORS DE L'ENTRETIEN DE LA MACHINE :**

**Éviter les parties amovibles. Ne pas porter de vêtements amples, tels que des vestes, des chemises ou des vêtements avec manches lors de l'utilisation de la machine. Utiliser les pièces détachées Windsor homologuées.**



**THIS PRODUCT IS FOR COMMERCIAL USE ONLY.**

**ELECTRICAL**

In the USA this machine operates on a standard 15 amp 120V, 60 hz, A.C. power circuit. 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.

**EXTENSION CORDS**

If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.5m) in length.

**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.

**120 VOLT MODELS**

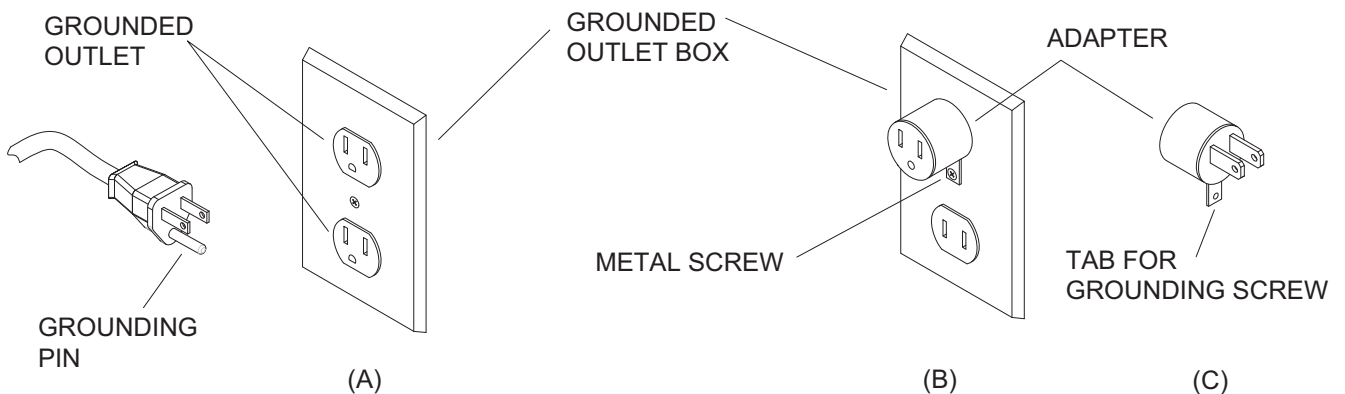
This appliance is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug in "Fig. A". A temporary adaptor that looks like the adaptor in "Fig. C" may be used to connect this plug to a 2-pole receptacle as shown in "Fig. B", if a properly grounded outlet is not available. 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 wire 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.

**⚠ WARNING:**

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.

**⚠ AVERTISSEMENT:**

Le raccordement incorrect du conducteur de terre d'équipement peut entraîner des risques d'électrocution. Vérifiez auprès d'un électricien qualifié ou d'un responsable de l'entretien si vous avez quelque doute que ce soit quant au raccordement à la terre de votre prise murale. Ne modifiez pas la fiche fournie avec l'appareil : si elle ne correspond pas à la prise murale, faites installer une prise adéquate par un électricien qualifié.



## Safety

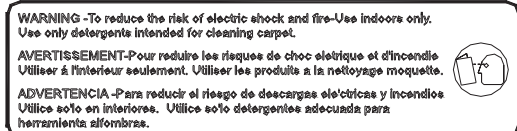
### Safety Label Location

The following **WARNING LABEL(S)** are found on your cleaning unit. These labels point out important Warnings and Cautions which should be followed at all times. Failure to follow warnings and cautions could result in fatality, personal injury to yourself and/or others, or property damage. Follow these instructions carefully! **DO NOT** remove these labels.

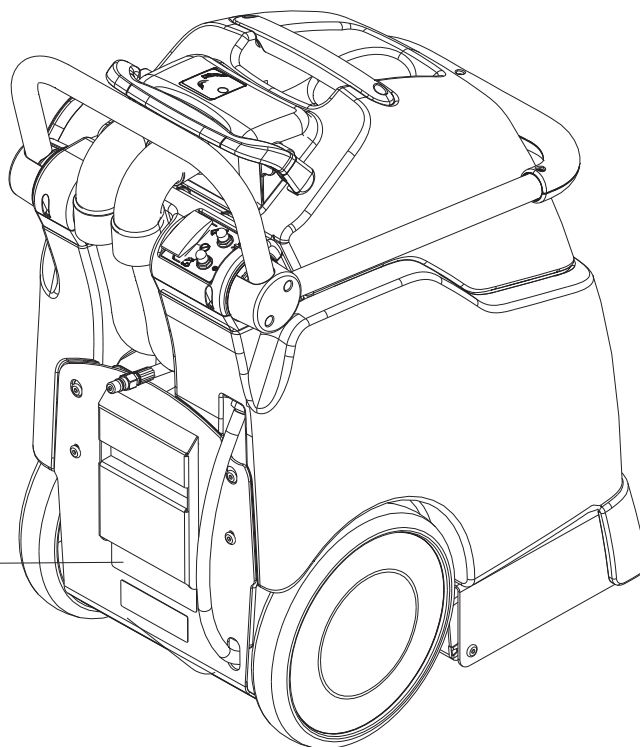
*NOTE: If at any time the labels become illegible, promptly replace them.*

Les **ÉTIQUETTES D'AVERTISSEMENT** suivantes se trouvent sur votre unité de nettoyage. Ces étiquettes signalent les avertissements et mises en garde importantes qui doivent être suivis en tout temps. Le non respect des avertissements et mises en garde pourrait entraîner des dommages matériels, des blessures graves ou même la mort. Suivez attentivement ces instructions ! **NE PAS** retirer ces étiquettes.

*REMARQUE : Si, à tout moment, les étiquettes deviennent illisibles, remplacez-les rapidement.*

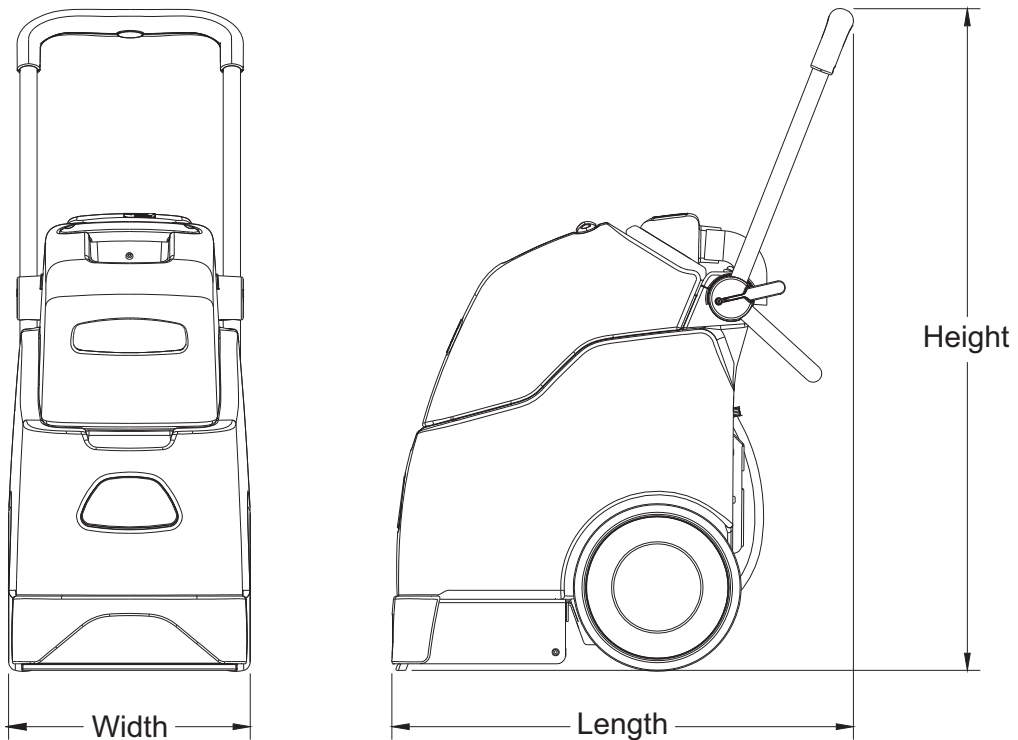


WARNING LABEL  
PART NUMBER 86220140  
PRV 500895



**Technical Specifications**

MODEL	ITEM	MEASURE
ALL	Vacuum Motor	(1) 3 stage, 1.5hp 100 cfm (2.8cubic meters/min.) Waterlift - 120" (305cm)
	Floating Brush	10" (25.4cm)
	Main Jet Solution Pump	Solenoid Style
	Accessory Solution Pump	Solenoid Style
	Solution Capacity	4.6 Gal (17.3L)
	Recovery Capacity	3.9 Gal (14.7L)
	Brush Speed	1160 rpm
	Wheels	(2) 10" dia. (25cm) by 2" (5cm)
	Vacuum Shoe	12" (30.48cm) cast aluminum
	Solution Spray	1 quick change jet
	Power cord	25' (7.6m) (14 gauge)
	Height	39 inches (100cm) (Handle adjusted to highest position)
	Length	27 inches (69cm) (Handle adjusted to highest position)
	Width	14 inches (36cm)
	Weight	75 lbs. (34kg)
10080390	Electrical	115V, 15A, 60Hz
10080400	Electrical	230 V, 5A, 50Hz
10080410		
10080420		



## Operation

### **WARNING:**

To avoid electric shock use indoors only. To reduce risk of fire, do not use volatile substances. Use only cleaners intended for carpet application.

### **AVERTISSEMENT:**

Pour éviter une électrocution, utilisez la machine à l'intérieur seulement. Pour réduire les risques d'incendie, n'utilisez pas de substances volatiles. Utilisez seulement des nettoyeurs destinés à être appliqués sur les tapis.

### Inspection

Carefully unpack and inspect your extractor for shipping damage. Each unit is operated and thoroughly inspected before shipping, and any damage is the responsibility of the carrier, who should be notified immediately.

### **CAUTION:**

To avoid possible distortion of polyethylene solution/recovery tanks, DO NOT USE WATER TEMPERATURE THAT EXCEEDS 140°F (60° C).

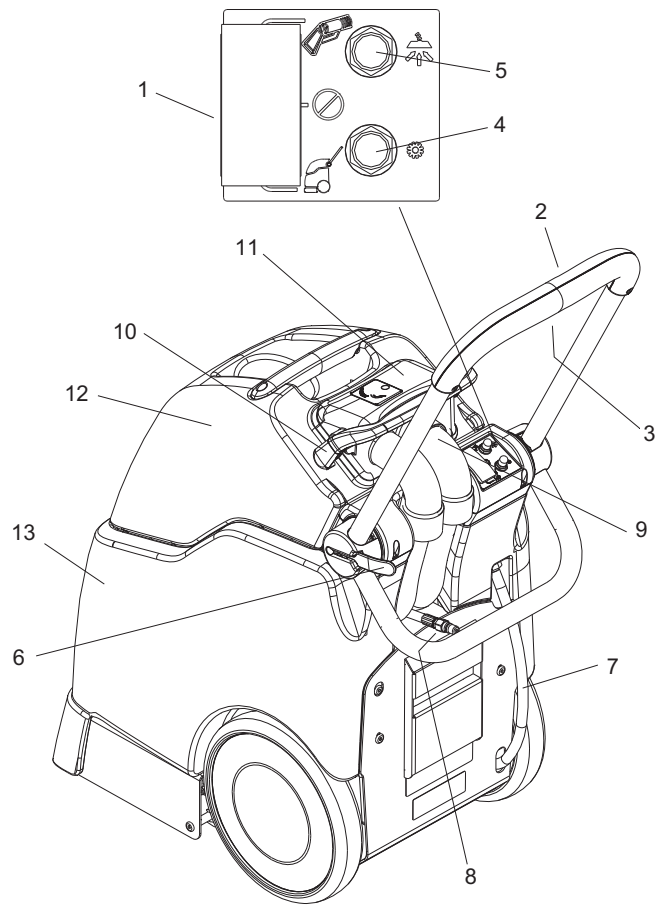
### **ATTENTION:**

Pour éviter toute distorsion possible aux réservoirs de récupération /de la solution de polyéthylène, N'UTILISEZ PAS D'EAU DONT LA TEMPÉRATURE DÉPASSE 60° C (140° F).

## Chemicals

Use only the suitable chemicals listed below. Using incompatible chemicals will damage the machine. Damages of this type are not covered under warranty. Carefully read ingredients on manufacturer's label before using any product in this machine.

Suitable Chemicals	Incompatible Chemicals
Alkalis	Aldehydes; Butyls
Defoaming Agents	Carbon Tetrachloride
Detergents	Chlorinated Bleaches
Soaps	Chlorinated Hydrocarbons
Vinegar	Trichlorethylene
Hydroxides	Phenols; Methyls (MEK)
	Perchloroethylene (perc)
	Aromatic Hydrocarbons
	D-Limonene



**Controls & Components**

**1. Power and Operation Mode Switch**

Turns accessory tool on or machine on.

**2. Main Handle**

**3. Solution Button**

Sprays solution on floor when pressed.

**4. Brush Motor Circuit Breaker**

Protects brush motor from overheating.

**5. Vac Motor Circuit Breaker**

Protects the vac motor from overheating

**6. Handle Adjustment Lever**

Adjusts handle position.

**7. Solution Tank Drain Hose**

**8. Accessory Tool Connection**

Solution connection for accessory tools.

**9. Accessory Hose Connection**

Hose connection for accessory tool.

**10. Dome Clamp**

**11. Dome**

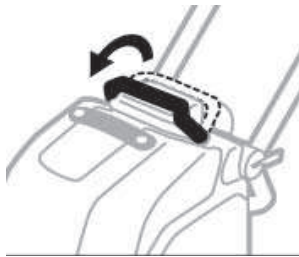
**12. Recovery Tank**

**13. Solution Tank**

## Operation

### Filling The Solution Tank

1. Release dome clamp.



2. Lift upper recovery tank from machine and set aside.



3. Use a clean bucket, recovery tank or hose to fill solution tank with hot water. The solution tank holds 4 gallons (15.2 liters) of cleaning solution.

Add a non-foaming concentrate for use in hot water extractors at the proportions noted on the container.



**NOTE:** Periodically operate the extractor with only hot water to remove chemical residue in carpet.

To avoid possible distortion of the polyethylenesolution/recovery tanks, DO NOT USE WATER WITH A TEMPERATURE THAT EXCEEDS 140°F(60°C).

4. Place recovery tank back on machine.

Place dome on recovery tank. Make sure dome is seated correctly to ensure proper vacuum seal. Clamp dome securely to recovery tank.



Use only the suitable chemicals listed in the Chemical Section. Using incompatible chemicals will damage the machine. Carefully read ingredients on manufacturer's label before using any product in this machine.

#### SPECIAL NOTES:

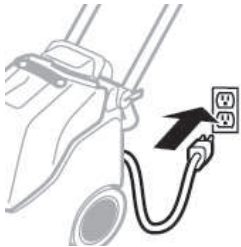
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

The sound pressure level at the operator's ear was measured to be 73.7 dBA. This was a nearfield, broadband measurement taken in a typical industrial environment on a tile floor. This appliance contains no possible source of impact noise. The instantaneous sound pressure level is below 63 Pa.

The weighted root mean square acceleration at the operator's arms was measured to be below 2.5m/s<sup>2</sup>. This was a tri-axial, third-octave-band measurement made during normal operation on a composite tile floor. The measurement and related calculations were made in accordance with ISO 5349-1.

1. Vacuum the carpet and make sure it is cleared of surface debris before cleaning.
2. Plug power cord into a grounded wall outlet.

**NOTE:** Defeating the grounding pin on the power cord can result in a severe electrical shock.



3. Turn on the machine by pressing the switch in the normal operation mode.



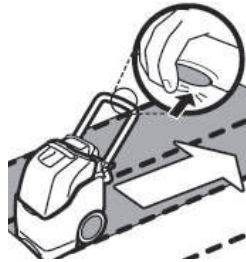
**NOTE:** The vacuum and the brush are protected by circuit breakers located on the control panel, to the right of the switch.

**NOTE:** If either motor does not respond to being switched on, reset the circuit breakers by pressing them in, and attempt to switch the machine on again.

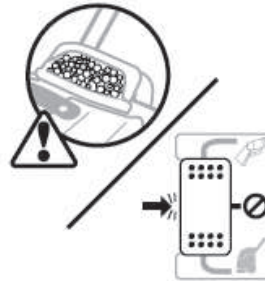
**NOTE:** If solution does not dispense in an even pattern across the width of the machine, the spray jet may be clogged. Tilt the machine back, check for debris and clean surface of jet.

**NOTE:** Do not use pins, wire, etc. to clean spray jet nozzle as this will deform the jet and destroy the spray pattern.

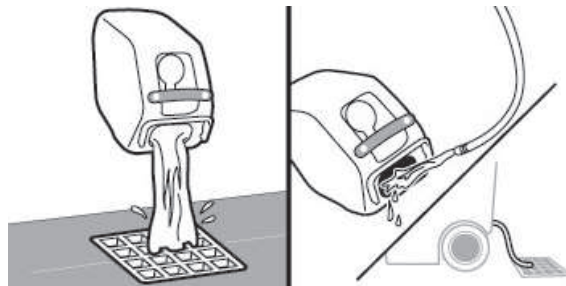
4. To operate the machine, pull straight back without pushing down on handle. Press the solution spray button to apply cleaning solution.



5. While operating machine, check for excessive foam buildup in the recovery tank. If excessive foam is present, add a defoamer solution to recovery tank, or empty tank.



6. Empty recovery tank when approximately 3/4 full. If the recovery tank is overfilled, the water will drain back onto the carpet when the vacuum is switched off.



7. Ventilate area after carpet has been cleaned.

Keep children and pets away and do not walk on carpet until it is dry.

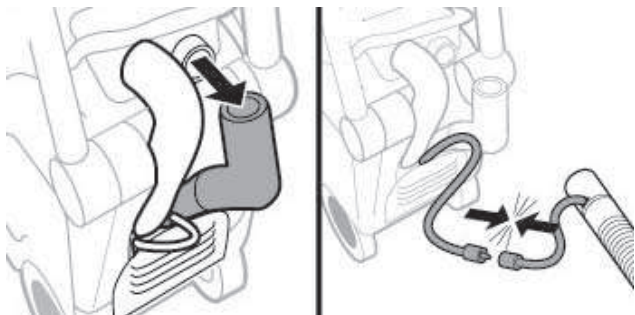
A Windblower™ fan can be used to reduce drying time.

## Operation

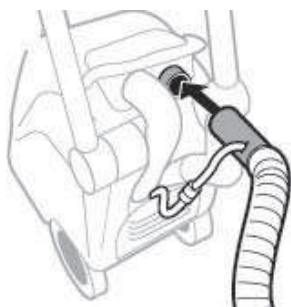
### Operating Machine With Accessory Tools

This extractor is easily adapted for use with Windsor accessory tools: Contact Customer Service for details.

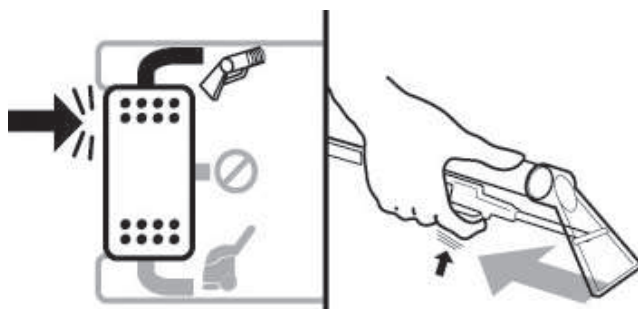
1. Disconnect vacuum hose at dome, insert hose cuff into the dome, ensuring that there is a tight fit. Dome must be clamped to recovery tank.



2. Attach the solution hose from accessory tool to the brass solution fitting on the back of machine.



3. Turn on the switch in the accessory position. The application of cleaning solution is now controlled by the lever on the accessory tool.



**NOTE:** The solution pump is not intended to run dry. When using the extractor for vacuum pick-up only. Do not press the solution spray button.

### **! CAUTION:**

This appliance is not suitable for picking up hazardous dust.

### **! ATTENTION:**

Cet appareil n'est pas conçu pour aspirer des poussières dangereuses.