

# DRI-EAZ

## Owner's Manual – Flood Pro Flood Extractor

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*The Flood Pro is a high-performance extraction tool designed for commercial use in restorative drying, to extract water from flooded carpet and carpet cushion.*

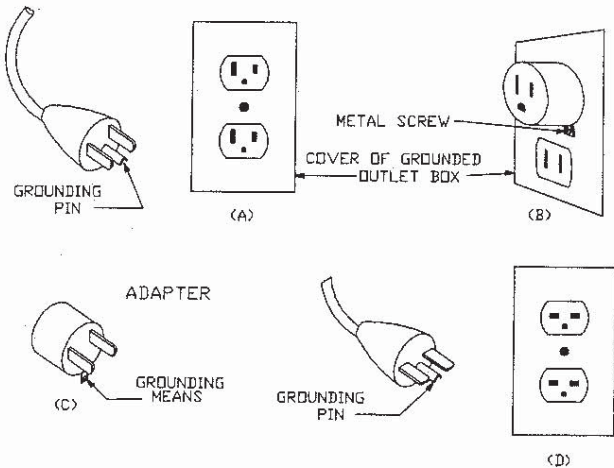
### Read And Save These Instructions



## Safety Information

**Keep Children Away:** Do not allow children to play with or around the unit, which could result in injury. Be sure the unit is inaccessible to children when not attended.

**Keep Unit Grounded:** Always keep the unit grounded while in use, to protect the operator from electric shock. The machine is provided with a three-conductor cord and a three-contact grounding type attachment plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect this wire to other than the grounding pin of the attachment plug. If a properly grounded receptacle as shown in sketch A is not available, an adapter as shown in sketch C should be installed as shown in sketch B if the outlet box that houses the receptacle is grounded. Be sure to fasten the grounding tab with a metal faceplate screw.



**Protect Power Cord from Damage:** Never operate a unit with a damaged power cord, as this may lead to electrical or fire hazards. If the power supply cord is damaged, it must be replaced by a cord of the same type and amperage rating.

**Extension Cords:** Extension cords must be grounded and able to deliver the appropriate voltage to the unit.

**Guard Against Shock in Wet Buildings:** Take precautions against electrical shock when working in wet structures. Wear rubber boots for electrical insulation. Plug the unit in only to a

grounded outlet that is dry and can be accessed without standing in water.

**Protect Roller from Impact:** Do not subject the power roller to strong impact. This may result in damage to the internal electrical parts, causing a shock hazard. Impact could also damage the rubber lagging or internal gears. During transport, do not drop the Flood Pro. Do not allow other heavy objects to strike the roller.

### Cautions Against Damage to Equipment and Contents

**Do Not Use to Pump Deep Standing Water.** Do not operate the Flood Pro in standing water over 1/2 inch deep. Damage may result to your portable or truck-mount extractor. Remove standing water with a submersible pump before extracting.

**Keep Extraction Head Edges Smooth:** Do not allow burrs or sharp edges to develop on the edges of the extraction head. They may catch a yarn or cause damage to carpet fibers. Do not allow the edges to be scratched by running over tack-strip, metal edges, concrete, or other hard-surface floors. Extract on carpeting only.

**Guard Against Carpet Delamination:** Do not extract carpet excessively. Although the Flood Pro's smooth action reduces damage to a minimum, any extraction unit may contribute to the delamination of wet carpet. Stop extracting when the unit is removing little water. Do not allow the extraction head to buckle, bend, or crease loose carpet.

## INTRODUCTION

The Flood Pro is an extraction tool for commercial use in water-damage or flood-damage restoration. Its purpose is to remove as much water as possible during extraction. This causes carpet and carpet cushion to dry faster because less water remains that must be evaporated with airmovers and dehumidifiers. A more complete extraction can also help dry structures with less disturbance, for example by completing some jobs without floating carpet or removing carpet cushion.

The extraction concept of the Flood Pro utilizes an extraction head with a larger opening than found on a standard carpet-cleaning wand, and smooth edges that slide easily over the carpet. Propulsion is developed by a power roller that is self-contained; that is, wiring, motor and gears are sealed inside it. As a result (though this is not recommended for normal extraction work) the roller may safely be immersed fully in water.

To increase traction, a rubber sheet called lagging is wrapped around and permanently bonded to the roller. Traction is increased and controlled by the body weight of the operator standing on the base of the unit.


The extraction performance of the Flood Pro varies according to the power of the extraction machine used with it, whether portable or truck-mount. The more vacuum the extraction machine develops, the tighter the extraction head is sucked onto the carpet and the greater the performance.

## **OPERATING INSTRUCTIONS**

### **Setting Up**

1. Lay the Flood Pro down flat on the floor. Remove the locking pins, raise the handle to the upright position, and replace the pins. **CAUTION:** Do not allow the unit to stand vertically while removing the pins. The unit could fall over and cause a severe impact of the roller against the floor.
2. Plug the unit in to a standard outlet with the correct voltage and amperage. **CAUTION:** Plug in only to a grounded outlet that is dry and can be accessed without standing in water. Wear rubber boots to provide electrical insulation for added safety.
3. If water over 1/2" deep is standing on the floor, remove it with a submersible pump. **CAUTION:** Do not operate the Flood Pro in standing water over 1/2" deep. Damage may result to your extraction machine.
4. Before using the Flood Pro, remove the "easy water" with a standard wand connected to your portable or truck-mount extraction machine. Doing this will increase performance.
5. Connect your extraction machine to the Flood Pro, and perform a thorough extraction.

### **Getting Starting**

1. To extract water from carpet, with or without underlying carpet cushion, position the Flood Pro on the carpet. Step up and stand on the non-slip surfaces of the base unit.
  2. Begin by standing with your heels even with the back edge of the deck. By shifting your body weight slightly backwards and forwards, you can affect the traction of the roller. It is not necessary to lean heavily on the handles. After using the Flood Pro a few times, you will find the best position for easy and efficient use.
  3. Variations in the traction of the roller will be caused by: different styles of carpet; different body weights of operators; and different amounts of vacuum provided by extraction machines. Shift your body weight to compensate.
  4. If the extraction head sucks down so tightly to the carpet that the roller spins, even when you shift your weight all the way back, slightly open the vacuum thumb-release (see drawing) until the Flood Pro moves easily.
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5. Hold both handles for good balance. Squeeze the right-hand lever to make the Flood Pro go forwards, and release it to make the unit stop. Squeeze the left-hand lever to go backwards.

6. A 1/4-second delay when changing direction has been designed into the controller. This saves wear on the gears and other roller parts because all parts must stop completely before reversing direction.

### **Extraction Tips**

**CAUTION:** Protect the edges of the extraction head. Burrs or sharp edges on the steel can snag yarns and damage carpet fibers. Do not let the extraction head contact the sharp pins of tack strip. Do not run the head over metal strips or hard-surface floors. Extract on carpeting only.

**CAUTION:** Prevent damage to the structure. Do not allow the unit to strike or rub against baseboard or drywall. Near fragile materials, extract with a carpet wand only.

1. For normal extraction, begin just inside the entryway where your extraction hose enters, and work your way into the room. Allow the extraction hose and power cord to drag behind you and out of your way.
2. Follow a clear pattern, so you cover all floor surfaces but do not repeat any area unnecessarily.
3. While extracting, create an overlapping pattern for best results. Overlap each pass by about half the width of the previous pass.
4. For best results, work on about a 6-foot by 6-foot section at one time. This minimizes re-saturation from flooded areas.
5. To turn the Flood Pro in another direction, step off and physically move the unit. Do not do wheelies or jerk the unit sideways; this may cause delamination damage to carpet.
6. To reach further under over-hangs, tables, counter-tops, and the like, adjust the handle at an angle backwards as far as needed. It adjusts in 15-degree increments.
7. On most types of carpet, the Flood Pro will track straight ahead and straight backward. However, the grain of some carpet types will change the way the unit tracks. Ideally, extract along with the grain of the carpet. If the Flood Pro does not track straight, try turning it 90 degrees to your original path.
8. From time to time, check the clear take-up tube leading to the hose connection. Use it to show yourself and customers how much water is being physically removed by extraction. When little water is being removed, stop extracting to minimize any carpet delamination.

### **Transporting and Storing**

1. To carry the Flood Pro, first fold the handle all the way down to the horizontal. Tighten the hinge clamps so the handle and the base unit will stay together and not flop.
2. When transporting in a van, prevent impact damage against the roller. Hang or otherwise secure the Flood Pro out of the way for storage. **CAUTION:** Prevent roller damage. Severe abrasion can damage the rubber lagging, which is permanently attached and cannot be repaired except by exchanging the roller. Severe impact to the roller can damage the motor, gears, and other internal parts. Prevent abrasion and severe impact to the roller by handling it carefully.

## **ELECTRICAL CONNECTIONS**

This unit is designed to operate on a 115V/60 Hz electrical connection. Make sure that the electrical outlet is grounded and that all safety precautions are taken.

## **MAINTENANCE**

Always turn off the power before performing maintenance procedures. All the service procedures below are to be executed with the unit unplugged. Perform before each use or as needed.

### **Regular Maintenance**

**INSPECT ELECTRICAL SYSTEM:** Inspect the electrical cord and plug for damage, and repair or replace if needed.

**INSPECT EXTRACTION EDGES FOR DAMAGE:** Before or after each use, check the edges of the extraction head for burrs or sharp edges that may catch a yarn or damage carpet fibers. Smooth them with sandpaper or a fine file.

**KEEP ROLLER CLEAN:** For regular cleaning of the roller's rubber lagging, use a general-purpose industrial cleaner such as 409. The lagging is manufactured of food-grade rubber that can be cleaned thoroughly and will not hold contaminants.

**KEEP UNIT CLEAN:** To keep the Flood Pro clean, use running water and soap on all parts of the base, including the roller, the cover, and the insides of the extraction head and the hose connection. **CAUTION:** Do not allow water into the control box through openings like the access holes for the switches. Wipe the exterior of the control box clean.

### **Periodic Maintenance (as needed)**

**INSPECT ELECTRICAL SYSTEM:** Make sure the unit is unplugged, and then remove the cover from the controller box. Inspect wiring for bare wires, insecure fasteners, and discoloration. Remove and repair any damaged wiring as needed. Failure to do so may lead to electrical shock or a fire hazard.

**ROLLER SURFACE REPAIR:** Trim or glue any loose pieces of lagging, using contact cement. This will prevent exposing the steel of the roller and minimize rust.

**ROLLER MAINTENANCE:** No user maintenance is required.

For any maintenance questions, contact an Authorized Service Center, or the Dri-Eaz Service Department at (360) 757-7776.

## **SPECIFICATIONS**

Use weight	55 lb.
Head dimensions	2" x 17"
Overall width	18"
Overall depth	23"
Height, handle folded	8"
Height, handle upright	42"
Cord length	50 feet
Drive Motor	1/5-horsepower electric, internally mounted in roller

Specifications are subject to change without notice.  
Some values may be approximate.

**FOR PARTS AND SERVICE CALL YOUR LOCAL DISTRIBUTOR,  
or the Dri-Eaz Service Department at (360) 757-7776**