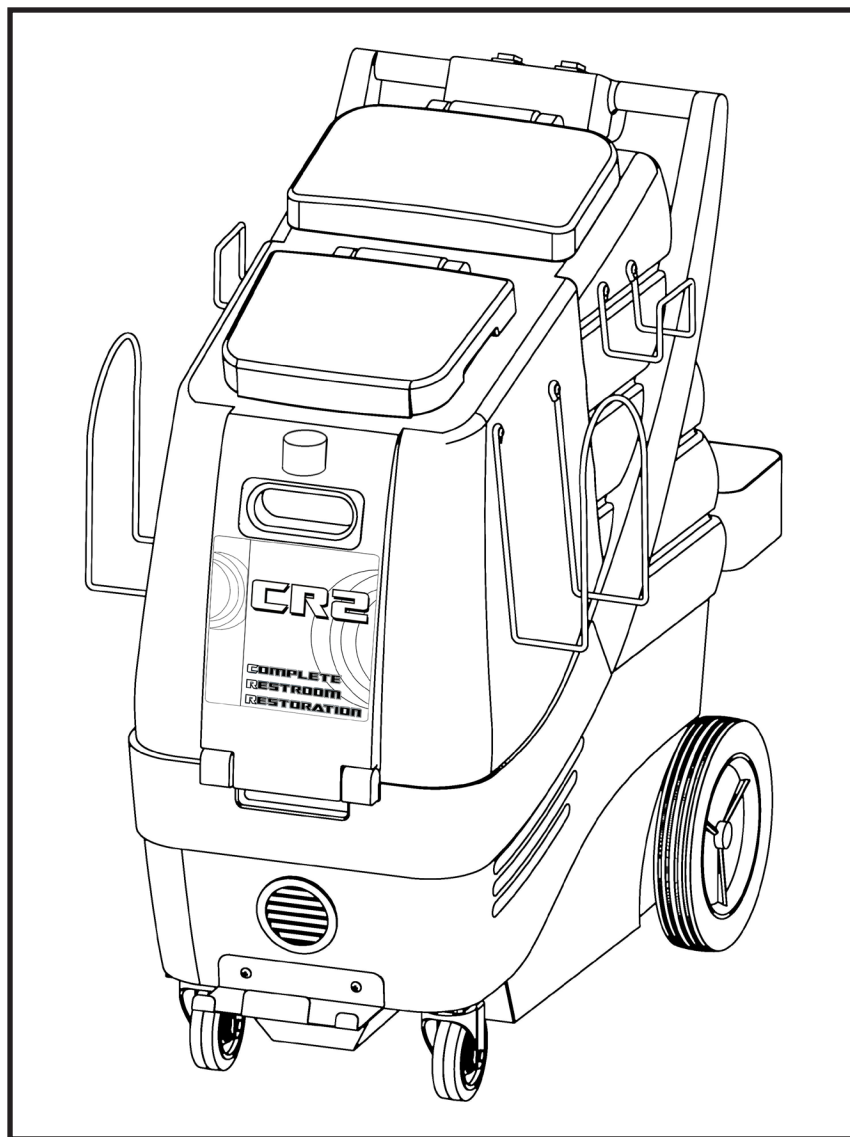


CR2

COMPLETE
RESTROOM
RESTORATION

17 GALLON PROFESSIONAL RESTROOM CLEANER

OWNER'S/OPERATOR'S MANUAL



PROUDLY DESIGNED AND MANUFACTURED BY

EDIC

WWW.EDIC-USA.COM



UNPACKING YOUR NEW CR2:

When your machine is delivered, check the carton carefully for signs of rough handling. If the machine is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing lists and carrier's receipt until the inspector has verified your claim.

EDIC's Liability ceases when the carrier picks up the shipment. However, our customer service staff will be happy to furnish any information needed in connection with the claim and will attempt to expedite a resolution.



PLEASE READ BEFORE OPERATING THE MACHINE:

Read the manual carefully and completely before attempting to operate the unit. This manual has important information for the use and safe operation of the machine. Keep this manual handy at all times.

This machine has been engineered and manufactured to provide excellent performance and service. To ensure that your equipment will continue to perform as intended:

- Maintain equipment regularly- following the suggested maintenance schedule provided.
- Use only original EDIC parts when servicing.
- Operate equipment with care.

If additional information is needed, please contact EDIC at: 800-338-3342 or email info@edic-usa.com

All information and specifications printed in the manual are current at the time of printing; however because of EDIC's policy of continual product development, we reserve the right to make changes at any time without notice.

WARNING!

- The machine was designed for use on hard surfaces, carpet, floor and upholstery extraction applications as per instructions and recommendations written in this manual. Any deviation from its proper use or purpose and the consequential damage that may occur is the sole responsibility of the end user.
- Disconnect the power cord from the outlet before servicing. Do not leave machine connected to an electrical outlet when unattended.
- Do not immerse or use this machine in standing water. Such use may cause electric shock.

- When using an extension cord, use only a 3-prong conductor grounding cord-12 gauge wire or heavier.
- To avoid electric shock, do not expose the unit to rain or snow. Store it indoors in a heated location only.
- Do not use the machine for dry vacuuming.
- Use defoamer at all times to prevent damage to the vacuum motor.
- Do not use water in excess of 130°F (54°C) in the solution tank
- To prevent seal damage and chemical build-up to the pump system, run clean water through the solution lines after each day's use.
- Use only commercially available carpet cleaning solutions and defoamer intended for use with machines of this type. Do not use dyes, bleaches, ammonia, or other additives.
- The use of powdered cleaning solution, if not diluted properly, may result in damage to the pump. Powdered chemical is not recommended. If powdered chemicals are used, premix in a separate container before placing in the solution tank.
- Always read and understand your chemical's MSDS (Material Safety Data Sheet) before use.
- This equipment is not designed to handle or use combustible/volatile substances such as gasoline or kerosene, in, on, or near the machine. The use of such materials will cause extreme hazardous condition.
- Do not expose machine to freezing temperatures.
- All repairs must be done by an authorized EDIC repair station.
- Do not use replacement parts other than original EDIC parts.
- Do not allow your spray stream to remain in one fixed location as surface damage may occur.
- Check that all spray nozzles are securely fastened. Loose nozzles could be ejected from equipment at high speeds.
- Prevent burns by wearing gloves or using a barrier to remove hot quick disconnects.
- This is not a toy. Keep away from children.
- Do not pull by the power or use power cord as a handle. Always unplug by grabbing the plug and pulling, do not unplug by pulling the power cord.
- Inspect cord for damage. Do not use damaged cords. Connect only to properly grounded outlets.
- Keep hair, fingers, loose clothing, and body parts away from moving parts and openings.
- Turn off all controls before disconnecting machine
- Use caution with ejected liquid or chemicals. High pressures and temperatures could be hazardous to nearby people or surroundings.

**FAILURE TO COMPLY WITH THE ABOVE
WARNING INSTRUCTIONS WILL
VOID THE WARRANTY.**

GROUNDING INSTRUCTIONS:

This piece of equipment must be grounded. Should an electrical malfunction occur, grounding provides a path of least resistance for electrical current- reducing the risk of electric shock. This piece of equipment is furnished with a cord that has a grounding conductor and grounding plug. The grounded plug must only be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING:

Connecting the equipment to an improperly grounded outlet can result in an increased risk of electric shock. A qualified electrician should be consulted if you are unsure that the outlet is properly grounded. Do not modify the plug provided with the equipment. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is designed for use on a 120-volt circuit. The grounding plug provided looks like the plug illustrated in Figure 1.

Replace the plug if the grounding pin is damaged or broken.

The Green (or Green/Yellow) wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to the grounding pin only.

Extension cords connected to this machine should be 12 gauge, three-wire cords with three-prong plugs and outlets. DO NOT use extension cords more than 25 feet (7.6 m) long.

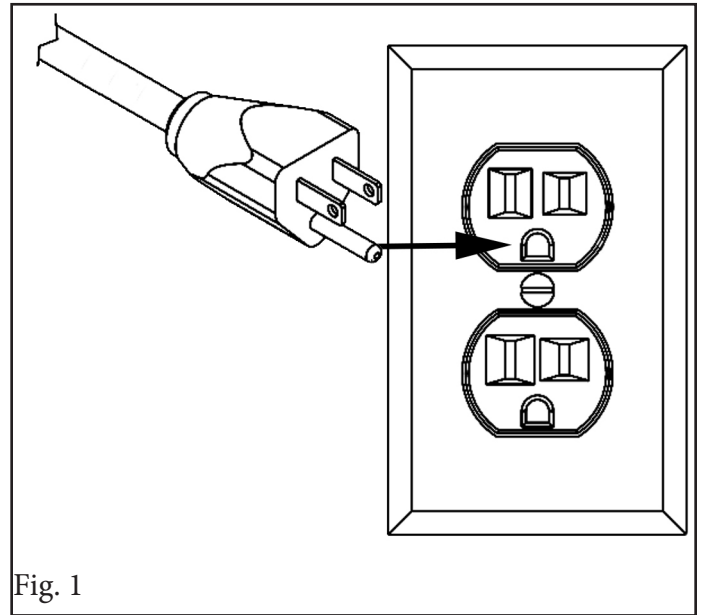
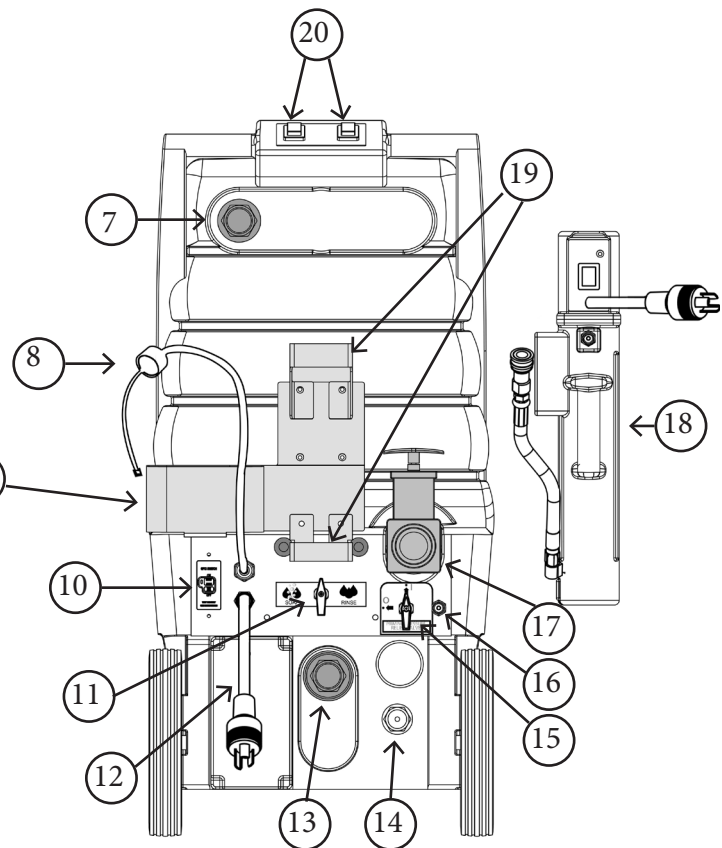
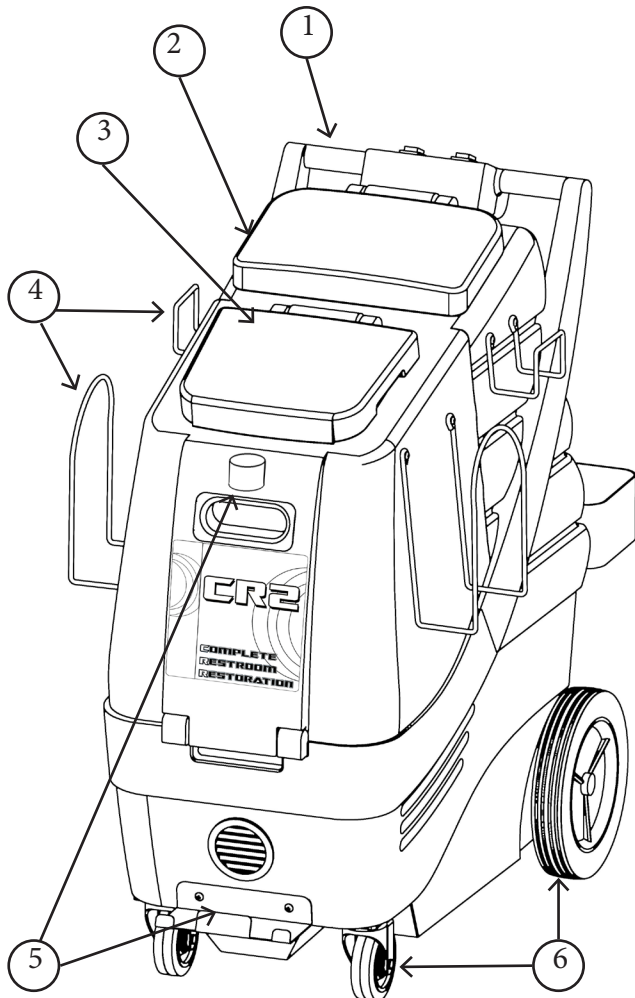
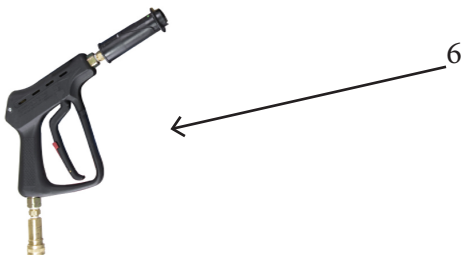
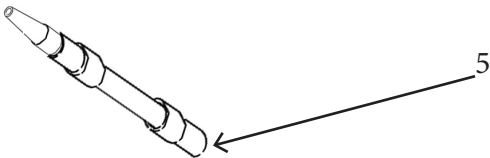
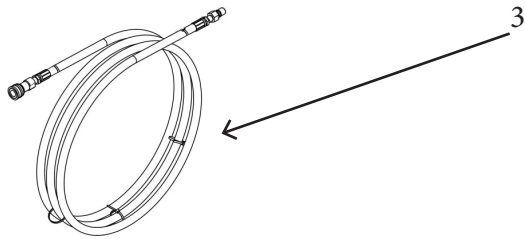
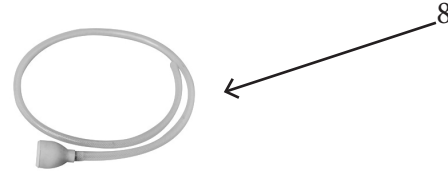
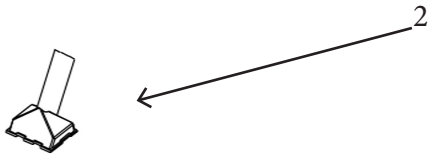
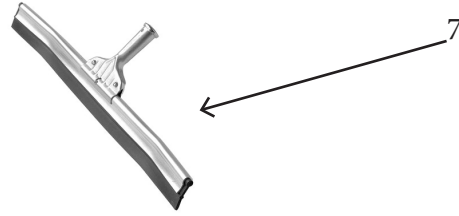
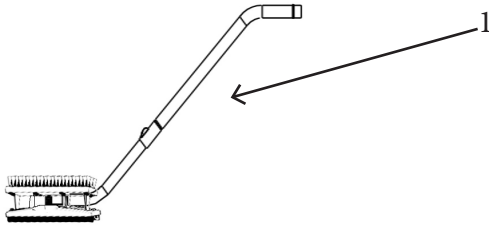


Fig. 1

1. Handle- Used to maneuver and position the CR2
2. Recovery tank lid- Allows access to recovery tank and creates a seal to ensure suction
3. Solution tank lid- Allows access to the solution tank and prevents external contamination of solution tank
4. Accessory racks for hoses, cords, tools etc.- One large rack and one small rack on each side of the machine. 4 total
5. Wand storage bracket and velcro strap- Allows the operator to secure a wand attachment to the machine for ease of transport
6. Non-marking front 4" locking casters and rear 10" wheels
7. Recovery/vacuum hose inlet barb- connect your recovery vacuum hose to this barb
8. Feed hose line for chemical with threaded bottle cap- secures the feed hose line to the chemical bottle
9. Bottle holder for chemical feed system- Holds up to a one gallon chemical bottle
10. GFCI breaker- Interrupts and disables the electrical system if a ground leak is detected.
11. Chemical dispensing valve- Select between "SOAP" and "RINSE" by turning to left or right as marked
12. Male twist lock pigtail- Connects to 50 ft cord
13. Exhaust port hose barb- Used to connect to hose with blower attachment.
14. Pressure regulator- Decrease pressure by turning counter-clockwise or increase pressure by turning clockwise
15. Priming/pressure relief valve- Prime system in the event of air lock. Relieves pressure in the event of pressure lock
16. Solution line Q.D.- Pressurized connection for solution line
17. Recovery tank dump valve- Pull up to open
18. Accessory Heater (Sold separately)
19. Heater mounting brackets- for accessory heater
20. Switch box- one switch marked "PUMP" and one switch marked "VACUUM". Switches light up when powered on.



Included Accessories



1. Part# 334ACH-2

2 piece wand and reversible brush/squeegee head assembly. For scrubbing on one side and picking up water on the other. Connects to hose #4 on this page.

2. Part# K13686

“Gulper” tool Used to extract large volumes of water. Connects to hose #4 on this page.

3. Part# 00604-35HPA

35FT high pressure solution line. Connects to quick disconnect on CR2 (#16 on page 4)

4. Part #00618-4A

35 FT Vacuum Hose. Connects to vacuum hose inlet barb on CR2 (#7 on page 4)

5. Part #00618-5A

35ft Blower hose. Connects to Exhaust port on CR2 (#13 on page 4)

6. Part #9000AC-1

High Pressure gun. Connects to hose #3 on this page.

7. Hand squeegee

Used to remove excess liquid from smooth vertical surfaces.

8. Part # J13975

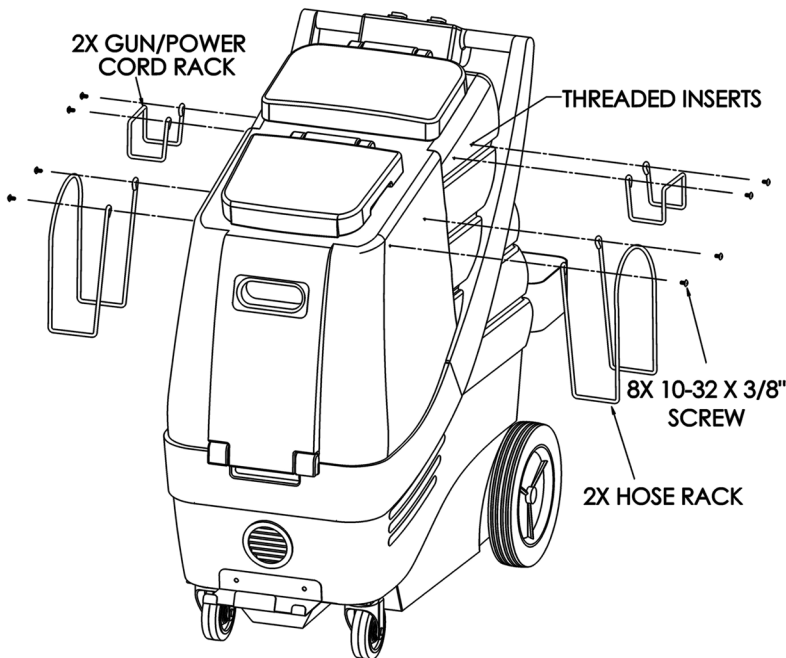
Faucet Adapter. Presses on to most standard faucets to easily fill the CR2 without using buckets.

*NOT SHOWN- ACCESSORY MESH BAG

Assembling the accessory racks:

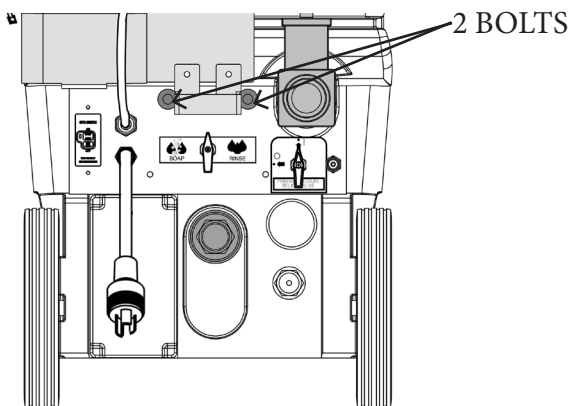
The CR2 is shipped with the accessory racks and hardware in the solution tank. When you receive your CR2, it is necessary to secure the racks to the body. The only tool required to complete the assembly is a Phillips head screwdriver.

The CR2 comes equipped with threaded inserts pre-installed in the body. The two larger racks are installed toward the front of the machine- one per side and the two smaller racks are installed toward the rear, also one per side.



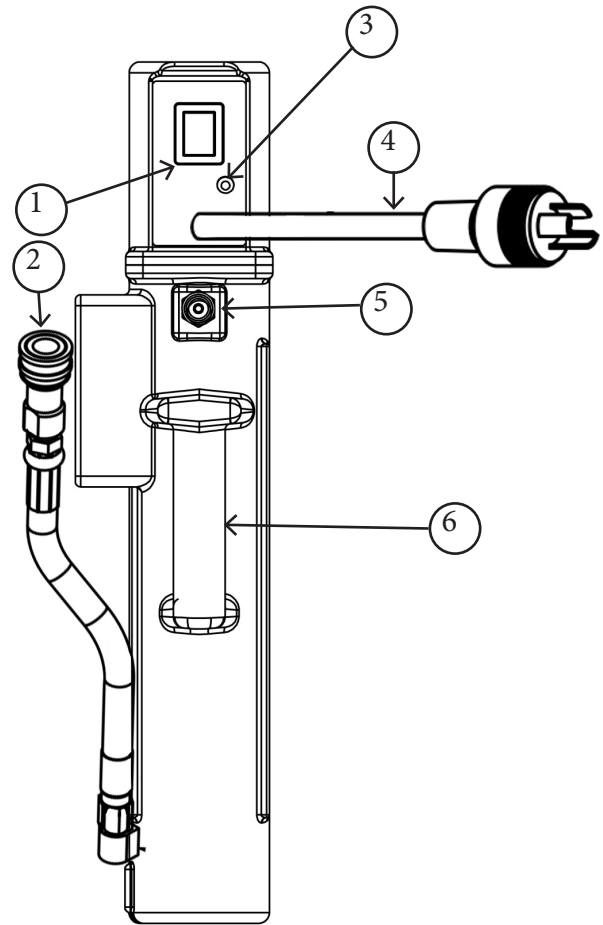
Opening the machine:

This unit can be opened by simply removing two bolts located on the back of the machine. The unit will open forward by lifting up on the handle. If you need to open the unit further, you may release the vacuum hose going from the base of the vacuum plate to the bottom of the recovery tank by loosening the hose clamp.



Installing an accessory heater:

If a 600HR Heat “n” Run heater system has been purchased for the CR2, use the following illustration to familiarize yourself with the heater.



1. Power switch- Lights up when switched to power “ON”
2. “INLET” hose connect to male Q.D. (#16 on page 4)
3. Lamp will turn on anytime the heat element is activated. Lamp will turn off any time max temp is reached.
4. Male twist lock Pigtail- connects to 50 ft cord
5. “OUTLET” male Q.D.- Connect to your 35ft solution line
6. Handle

How to prepare an accessory heater for carpet cleaning or upholstery:

1. Mount the Heater by lining up the two “legs” to the two mounting brackets on the rear of the machine. (#19 on page 4).
2. Connect your heater’s “INLET” hose (#2 on page 6) to #16 on page 4.
3. Connect your 35 ft solution hose (#3 on page 5) to the heater’s “OUTLET” Q.D. (#5 on page 6).
4. Connect your wand or upholstery tool to your 35ft solution hose and 35ft Vacuum hose.
5. Connect the power cord for the machine and the power cord for the heater into two separate plugs on two separate circuits. You may use a 988CS circuit locator if available to locate two separate circuits.
6. Place water in the solution tank and turn the pump to the on position.
7. If necessary, allow pump to prime for 10-30 seconds by turning the priming/pressure relief valve (#15 on page 4) 45 degrees to the left to the open position.
8. Close priming valve.
9. Turn pump on and spray out of your wand or upholstery tool until you have an uninterrupted stream.
10. Turn heater on and allow up to 3 minutes for the unit to heat up.
11. The heater is ready for use once the green lamp (#3 on page 6) shuts off the first time. Once you start cleaning carpet, the green lamp will turn on and off throughout your job as the thermostats regulate the temperature.
12. Prespray as necessary.
13. Turn on the vacuum motor.
14. Spray on the backstroke and do a dry stroke when pushing forward..
15. Overlap your previous path slightly when you pull back.
16. Monitor the levels in the recovery tank and empty as necessary. Use defoamer to ensure your vacuum motor does not take in fluid

DO NOT ALLOW HEATER TO BE RUN DRY.
DO NOT ALLOW HEATER TO FREEZE.

Cleaning carpet or upholstery without a heater:

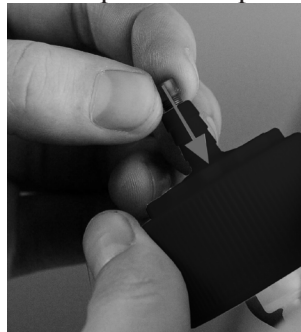
The CR2 can be used as a cold water extractor.

If you do not have an accessory heater, then perform the steps below.

1. Prespray the area of carpet to be cleaned
2. Connect your solution line
3. Connect your recovery vacuum hose
4. Connect your wand or upholstery tool to the solution and vacuum hoses
5. Fill the solution tank of your CR2 with water
6. Place the pump switch into the “ON” position
7. Turn the priming valve to the left to the open position if pump needs to be primed
8. Allow pump to prime
9. Close the Priming valve
10. Turn on the vacuum motor
11. Spray on the backstroke and do a dry stroke when pushing forward.
12. Overlap your previous path slightly when you pull back
13. Monitor the levels in the recovery tank and empty as necessary. Use defoamer to ensure your vacuum motor does not take in fluid

Installing metering tips for the Chemical feed system:

Remove the semi-clear hose from the bottle cap (8 on page 4). Select the appropriate metering tip for the dilution required and push it into the tube on the bottle cap.



Metering tip color guide:

Tan	1.25oz/Gal
Turquoise	2.00oz/Gal
Pink	3.00oz/Gal
Brown	4.00oz/Gal
White	5.00oz/Gal

Chemical feed system and hard surface cleaning:

The chemical feed system is designed to deliver accurate chemical dilution for touchless surface cleaning.

To clean hard surfaces:

1. Fill the solution tank of your CR2 with sufficient water for the task at hand
2. Connect solution hose and accessory pressure gun
3. Select the appropriate tip and install on the cap of the chemical feed (number 8 on page 4)
4. Place a bottle into bottle holder (number 9 on page 4)
5. Take the feed tube attached to the cap (number 8 on page 4) and place it inside the bottle
6. Take the cap from number 8 on page 4 and thread it onto the bottle of chemical to secure it in place
7. Turn the chemical dispensing valve (11 on page 4) to the left to the word "SOAP"
8. Chemical will only draw in the "Low pressure" setting of your pressure gun. To activate the Low pressure setting, pop the collar of the gun out
9. While in the low pressure setting, apply chemical to the walls and fixtures starting from the lowest point to the highest
10. Spray the floor as you make your way out of the room
11. Allow the chemical to dwell according to the chemical manufacturers recommendations
12. You may use the brush on your squeegee/brush wand to agitate particularly soiled areas
13. When you are ready to rinse away the chemical, simply turn the chemical dispensing valve (#11 on page 4) to the word "RINSE"
14. Set your pressure gun to "high" pressure by pulling the collar back in. Rinse surfaces starting from the top down
15. See "Recovering liquid" for final steps

Recovering liquid from hard surfaces:

The CR2 is equipped with two dedicated tools for liquid recovery: The squeegee/brush wand and the Gulper tool.

1. Connect recovery vacuum hose to the recovery inlet barb (#7 on page 4)
2. Place the vacuum switch (#19 on page 4) into the "ON" position
3. Using either the squeegee/brush wand or the Gulper tool, to extract the liquid from the surface. (see page 5)
4. Monitor the levels in the recovery tank and empty as necessary. Use defoamer to ensure your vacuum motor does not take in fluid

Using the blower feature:

To use, this feature connect the Blower hose (#5 on page 5) to #13 on page 4.

Convenient for:

- Blowing fluid off countertops and walls onto the floor
- Drying faucets and other fixtures
- Blowing off dust

Maintenance:

- Use only chemicals safe for extractors
- Adhere to the appropriate mix ratios for all chemicals
- Do not add chemical to the solution tank- use the chemical feed system or prespray
- For optimal performance, it is suggested that the operator flush the system after every job or at the end of the day.
- Pump seals and valves may need to be replaced at the 1000 hour mark if a loss in pressure is noted

The pressure regulator may require servicing should a pressure drop be noted

Daily:

- Flush chemical lines
- Check and clean vacuum filter

Weekly:

- Check and clean solution filter
- Check for obstructions in vacuum pathways

Quarterly:

- Check pump, plumbing and fittings for leaks
- 8 • Check power cords and hoses for tears
