

Chattanooga M-2

Chattanooga M-2 Hydrocollator Heating Unit: User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Chattanooga M-2 Hydrocollator Heating Unit. Please read these instructions thoroughly before using the device to ensure proper function and user safety. This unit is designed for heating Hydrocollator Moist Heat Packs for therapeutic applications.

2. IMPORTANT SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the unit:

- **Electrical Safety:** Ensure the unit is plugged into a properly grounded outlet. Do not operate with a damaged power cord or plug.
- **Water Level:** Maintain the water level as specified to prevent damage to heating elements and ensure proper pack heating.
- **Temperature:** The unit heats water to high temperatures (up to 180°F). Exercise extreme caution when handling hot packs to avoid burns. Always use tongs and wrap packs in several layers of toweling before application to skin.
- **Flammable Materials:** Do not use or store flammable materials near the unit.
- **Supervision:** Do not leave the unit unattended during operation, especially during initial heat-up.
- **Cleaning:** Disconnect the unit from power before cleaning or performing any maintenance.

3. SETUP INSTRUCTIONS

Follow these steps for initial setup of your Hydrocollator Heating Unit:

1. **Unpacking:** Carefully remove the unit from its packaging. Inspect for any shipping damage. Retain packaging for future transport if needed.
2. **Placement:** Position the unit on a level, stable surface. The M-2 model is a wheeled, floor-mounted unit, allowing for easy relocation. Ensure adequate clearance around the unit for ventilation.
3. **Filling with Water:** Open the lid and fill the tank with distilled or demineralized water until the water level

is approximately 1 inch below the top edge of the tank. Do not overfill.

4. **Power Connection:** Plug the power cord into a grounded electrical outlet. The unit operates on standard electrical power (refer to specifications for voltage requirements).
5. **Initial Heat-Up:** Allow the unit to heat for several hours (typically 4-6 hours) to reach the operating temperature of approximately 160-180°F (71-82°C). The unit is designed to maintain this temperature automatically.



Image of the Chattanooga M-2 Hydrocollator Heating Unit, a stainless steel appliance designed for heating hot packs, featuring wheels for mobility and handles on the sides.

4. OPERATING INSTRUCTIONS

Once the unit has reached its operating temperature, you can begin heating Hydrocollator Moist Heat Packs:

1. **Placing Packs:** Using the provided tongs, carefully place the desired Hydrocollator Moist Heat Packs into the hot water. Ensure packs are fully submerged.
2. **Heating Time:** Allow packs to heat for at least 20-30 minutes to ensure they reach the optimal therapeutic temperature.
3. **Removing Packs:** Use the tongs to carefully remove a heated pack from the unit. Allow excess water to drip off.
4. **Application:** Always wrap the hot pack in several layers of toweling before applying it to the patient's skin. Never apply a hot pack directly to the skin.
5. **Monitoring:** Regularly check the patient's skin during treatment to prevent burns.

5. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and hygienic operation of your Hydrocollator unit:

- **Daily Water Level Check:** Check the water level daily and add distilled or demineralized water as needed to maintain the recommended level.
- **Weekly Cleaning:** At least once a week, or more frequently with heavy use, perform a thorough cleaning:
 - a. Disconnect the unit from the power supply.
 - b. Using the wheels and side handles, carefully move the unit to a suitable drainage area.
 - c. Drain all water from the tank.
 - d. Clean the interior of the tank and heating elements with a non-abrasive cleaner and a soft brush or cloth. Rinse thoroughly.
 - e. Refill the unit with fresh distilled or demineralized water.

- **Descaling:** Periodically, mineral deposits may accumulate. Use a commercial descaling agent designed for stainless steel appliances, following the manufacturer's instructions.
- **Exterior Cleaning:** Wipe the exterior with a damp cloth and mild detergent as needed.

6. TROUBLESHOOTING

If you encounter issues with your Hydrocollator unit, refer to the following common problems and solutions:

- **Unit Not Heating:**
 - Check if the unit is properly plugged into a functional power outlet.
 - Verify the circuit breaker has not tripped.
 - Ensure the water level is adequate; low water levels can prevent heating.
- **Water Leaks:**
 - Inspect the drain valve for proper closure.
 - Check for any visible cracks or damage to the tank. If damage is found, discontinue use and contact customer support.
- **Packs Not Heating Properly:**
 - Ensure the unit has had sufficient time to reach operating temperature.
 - Verify packs are fully submerged in water.
 - Check for excessive mineral buildup on heating elements, which can reduce efficiency.

For issues not resolved by these steps, please contact Chattanooga customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Chattanooga
Model Number	M-2
Special Feature	Energy Efficient
Form Factor	Wheeled, floor-mounted heating unit
Indoor/Outdoor Usage	Indoor
Fuel Type	Electric
Max Temperature Setting	180 Degrees Fahrenheit (82°C)
Item Weight	150 pounds (68 kg)
Package Dimensions	50 x 45 x 40 inches (127 x 114 x 102 cm)
Manufacturer	Chattanooga

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact Chattanooga

customer service directly. Refer to the product packaging or the official Chattanooga website for the most current contact details.

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Related Documents - M-2

	<p><u>Hydrocollator Heating Units User Manual</u></p> <p>Comprehensive user manual for Chattanooga Hydrocollator Heating Units, covering operation, safety, maintenance, and technical specifications for models SS-2, M-2, SS, E-2, E-1, and M-4.</p>
	<p><u>Intelect Transport 2 Combo and Ultrasound User Manual</u></p> <p>Comprehensive user manual for the Chattanooga Intelect Transport 2 Combo and Ultrasound medical therapy device, detailing operation, indications, safety protocols, and specifications for healthcare professionals.</p>
	<p><u>Intelect RPW 2 User Manual: Operator and Installation Instructions</u></p> <p>User manual for the Intelect RPW 2, a compressed air-operated ballistic shock wave generator by Chattanooga. Provides operator and installation instructions, indications for use, contraindications, and maintenance details for medical professionals.</p>
	<p><u>Chattanooga Intelect 2782 Transport Ultrasound Troubleshooting and Repair Manual</u></p> <p>This document provides troubleshooting steps and maintenance guidance for the Chattanooga Intelect 2782 Transport Ultrasound device, manufactured by DJO LLC. It covers common error messages, display issues, and care procedures to ensure optimal performance and longevity.</p>
	<p><u>Chattanooga Intelect F-SW USA Focus Shockwave Operating Manual</u></p> <p>Comprehensive operating manual for the Chattanooga Intelect F-SW USA Focus Shockwave device, detailing indications, contraindications, warnings, precautions, installation, operation, maintenance, and troubleshooting.</p>



[Chattanooga Vectra® Neo Clinical Therapy System User Manual](#)

This comprehensive user manual provides detailed operator and installation instructions for the Chattanooga Vectra® Neo Clinical Therapy System. It covers system setup, operation of electrotherapy, ultrasound, laser, and sEMG modalities, safety precautions, troubleshooting, and maintenance. Essential for healthcare professionals utilizing this advanced therapeutic device.