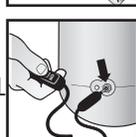
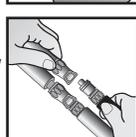
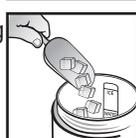


OPERATING INSTRUCTIONS

Note: Before filling reservoir, ensure the pressure relief plug located on the top of the unit is secured tightly. **Environment Operating Temperature/Conditions:** 41°F to 104°F (5°C to 40°C); 15-90% Humidity; and Atmospheric Pressure: 700-1050 hPa.

1. Twist and open lid.
2. Fill reservoir with cold tap water to WATER FILL LINE marked on the side of the unit's motor cage.
3. Next, add ice to ICE FILL LINE marked on the top of the unit's motor cage. **Note:** DO NOT overfill unit. Condensation may collect on top of unit if ice/water level is above ICE FILL LINE. Larger pieces or amounts of ice will equal longer cooling times.
4. Close and lock lid.
5. Attach the therapy blanket fittings to the unit hose by inserting ends of blanket tubes into hose fittings. Push each fitting together firmly until you hear a "click." Check for secure connection by lightly tugging on each hose.
6. After all connections are made, first plug the power adapter into the back of the unit. Then, plug the power adapter into a properly grounded AC electrical wall outlet. **Note:** Place unit within user's reach so user can unplug power adapter with ease.
7. Place the therapy blanket over treatment area with clear side towards covered skin and secure. Follow directions included with the therapy blankets and wraps sold separately or included in cold therapy unit/blanket combo sets.
8. To maximize water flow efficiency, place unit at or above the therapy blanket (**Note:** no more than 3 feet) and treatment site level. Avoid twisting or kinking hoses when unit is running.
9. A green light will illuminate, signaling the unit is running.
10. If the unit needs additional water and/or ice, unplug the power adapter from the wall, empty any remaining water and add water to WATER FILL LINE and ice to ICE FILL LINE. With dry hands, plug the power adapter into a properly grounded AC electrical wall outlet and restart the unit.



TO DISCONNECT UNIT

1. First, unplug the power adapter from the electrical wall outlet. Then, unplug the power adapter from the back of the unit.
2. Next, disconnect hose tubes from the unit and therapy blanket by pushing each metal button at connection points.

CLEANING AND STORAGE

1. Disconnect unit and remove from patient.
2. Drain water/ice from reservoir by removing lid and dumping out. **Note:** Open pressure relief plug if unable to unscrew lid.
3. Next, use a dry towel to collect any remaining moisture. **Tip:** When storing unit, leave a few dry towels in unit to collect any condensation that may not have been removed when cleaning. **Transport and Storage Temperature:** -13°F to 158°F (-25°C to 70°C); 93% Maximum Humidity; and Atmospheric Pressure: 700-1060 hPa

DISPOSAL

1. Dispose of product according to local regulations.

TEMPERATURE THERAPY PROTOCOLS

Treatment Period:	Frequency/ Duration:	Type of Barrier:	Inspect Skin Every:	Inspection Method:
Day: Through Day:				
Day: Through Day:				

LIGHT DISPLAY INFORMATION

Solid Green Light: Indicates the unit is operating properly. The temperature is between 40-50°F/4.4-10.0°C.

Blinking Green Light: Indicates the unit is operating properly. This is an indication that the blanket temperature has risen above 51°F/10.6°C and that the ice level in the reservoir may need to be checked soon.

Solid Amber Light: Indicates the unit is operating properly. However, the temperature is above 65°F/18.3°C.

Blinking Red Light: Indicates there may be a kink in the black hose or the therapy blanket may be folded over or elevated too high above the bucket, thereby restricting the water from properly flowing. Unplug unit, check and adjust blanket and hose as needed, then reconnect. If blinking red light continues please contact DeRoyal.

Solid Red Light: Indicates the unit is operating properly. Add warm water to the reservoir to raise the temperature **Note: DO NOT** overfill unit.

Note: The motor will stop running when the temperature is below 43°F/6.1°C. The motor will start again when the temperature rises above 42°/5.6°C. This is a feature of automatic temperature control (ATC).

WARRANTY

DEROYAL® PRODUCTS ARE WARRANTED FOR NINETY (90) DAYS FROM THE DATE OF SHIPMENT FROM DEROYAL AS TO PRODUCT QUALITY AND WORKMANSHIP. **DEROYAL'S WRITTEN WARRANTIES ARE GIVEN IN LIEU OF ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

TROUBLESHOOTING

Problem	Solution
Unit will not turn on	Check all adaptor and therapy blanket connections and ice/water level.
No water flow to therapy blanket	Check for hose kinks or folds in therapy blanket.
Unit runs continuously at a speed	Check water/ice level and add if low.
Unit continuously stops and starts	Unit is maintaining optimal temperature. Refer to "Light Display Information."
Red light stays illuminated	Refer to "Light Display Information."
Motor stops running	During normal operating mode, unit motor will pause as needed to maintain correct temperature. Length of the pause may vary.

EXPLANATION OF SYMBOLS

deroyal.com/symbols



Symbol	Description
	Type BF, Applied Part
	Class II Equipment
	12 Volts DC, 125 milliAmps

IP21

IP2X - Protected against solid foreign objects of 12.5mm diameter and greater

IPX1 - Protected against vertically falling water drops



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