

G A M E  R E A D Y®

GRPro™ 2.1 CONTROL UNIT
User's Manual

MODEL NUMBERS
550550-03, 550550-03-RN, 550550-53

G A M E  R E A D Y®

Brought to you by CoolSystems, Inc.
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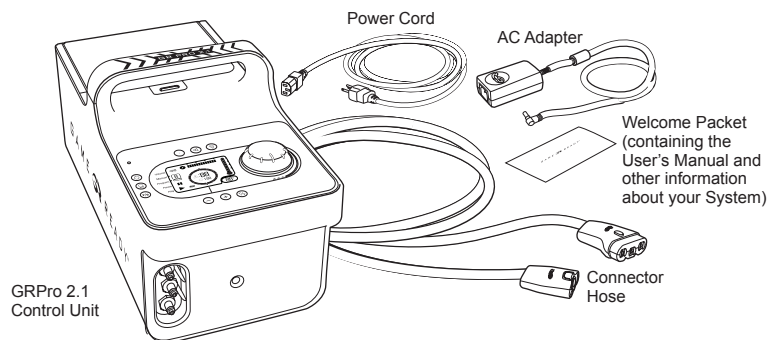
1.888.GameReady (1.888.426.3732)
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www.gameready.com

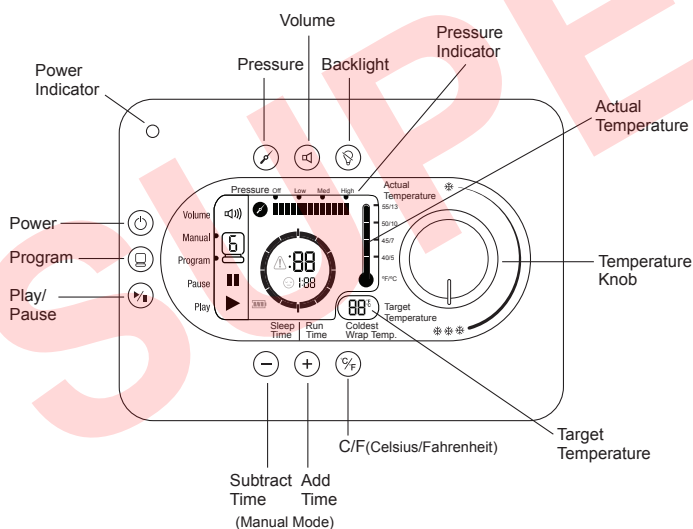
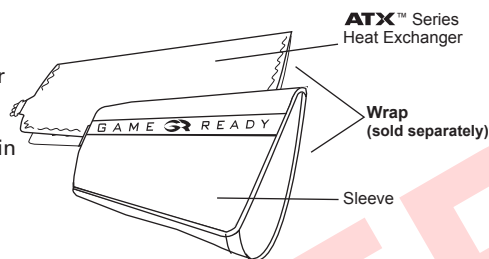
***This User's Manual is also available online in
English, French, German, Italian, Japanese, and Spanish
at www.gameready.com under Products.***

DESCRIPTION OF THE GRPRO 2.1 SYSTEM

The following items are included in your GRPro 2.1 System:



A Wrap (comprised of an inner ATX Series Heat Exchanger and an outer Sleeve) must be attached to the System to begin treatment. Each Wrap is sold separately and is not included in the System.



PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THIS LIMITATION MAY NOT APPLY TO YOU.

LIMITATIONS OF LIABILITY

COOLSYSTEMS' RESPONSIBILITY UNDER THIS, OR ANY OTHER WARRANTY, IMPLIED OR EXPRESS, IS LIMITED TO REPAIR OR REPLACEMENT, AS SET FORTH ABOVE. THESE REMEDIES ARE THE SOLE AND EXCLUSIVE REMEDIES FOR ANY BREACH OF WARRANTY. COOLSYSTEMS IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, DOWNTIME, GOODWILL, AND DAMAGE TO OR REPLACEMENT OF EQUIPMENT AND PROPERTY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

WARRANTY REGISTRATION

REGISTRATION

Please complete the Warranty Registration for both the GRPro Control Unit and the Wraps online at www.gameready.com. You must register within 30 days from the date of purchase in order to receive warranty service.

You will need the following information to complete your Warranty Registration: **The Control Unit's model number (REF) and its serial number (SN).** These numbers are located on the label on the bottom of the Control Unit. Simply go to www.gameready.com, click on the Product Registration link at the top of the page, fill out and submit your information.

EXTENDED WARRANTIES

Extended Warranties are available for the GRPro System. For details and information, in the U.S. call Game Ready Customer Service at 1.888.427.3732 (+1.510.868.2100); from outside of the U.S. please contact your local distributor.



EC REP
EMERGO EUROPE
Molenstraat 15
2513 BH, The Hague
The Netherlands

ERROR	WHAT DOES IT MEAN?	WHAT CAN I DO?
 07	Under Pressure: The Control Unit can't reach its target maximum compression. This often indicates that there is a leak in the pneumatic compression circuit, either in the Connector Hose, Wrap or Control Unit. Or it may occur because the hook and loop fastener on your Wrap has worn out.	• Make sure the Wrap is applied securely. • Try using a different Wrap and Hose to isolate which component may be producing the error. For example, an error which occurs with a Shoulder Wrap but not a Knee Wrap may indicate that the Shoulder Wrap is causing the error: not the Control Unit.
 08	Deflation Error: The Control Unit has detected that the Wrap has not properly deflated.	• Turn the Control Unit off. • If there is air left in the Wrap, disconnect the Wrap from the Connector Hose and manually deflate the Wrap by applying pressure to it. • Reconnect the Hose to the Wrap and reapply the Wrap to the body. • Turn the Control Unit on and press play/pause. • Make sure the Wrap is applied securely against the body. • If possible, try using a different Wrap and Hose to isolate which component may be producing the error. For example, an error which occurs with a Shoulder Wrap but not a Knee Wrap may indicate that the Shoulder Wrap is causing the error: not the Knee Wrap or Control Unit.
 09	Pump Performance Error: The Control Unit has determined that the fluid pump may be working too hard. This could be caused by ice or debris in the fluid circuit. In order to prevent possible damage to the fluid pump, the unit will stop therapy.	• Turn the Control Unit off and back on again. • Reapply the Wrap, making sure to follow all application instructions accompanying the Wrap. • Disconnect and reconnect the hose from the Control Unit and the Wrap, verifying that an audible "click" is heard at both connection points. • If that does not solve the problem turn the Control Unit off for 20 minutes (to let the pump cool down) before turning it on again to try again.
 10	Low Flow: Control Unit has detected something blocking the water flow.	• Be sure you are using ATX Series Heat Exchangers. • Check all hose connections. • Disconnect and reconnect Wrap from Connector Hose. • Make sure there is water in the ice box. • Verify that the ice box filter is not clogged. • Make sure there are no kinks in the Wrap or Connector Hose. • Reapply the Wrap snugly, making sure to follow all application instructions accompanying the Wrap. • Turn the Control Unit off and on again. • Disconnect and reconnect the hose from the Control Unit and the Wrap.

QSG Insert

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DETAILED INSTRUCTIONS FOR USE

Do not use this device without your physician's specific recommendations for the frequency and duration of your treatments.

The most common recommendation is to use cold therapy at least 4 times a day, for approximately 30 minutes each time, with at least a 30-minute break between treatments. While the temperature is adjustable, it is reported that the greatest benefit from cold therapy is in the 40-60°F temperature range. Generally reported compression recommendations are for "None" to "Low" pressure settings during the first 24-48 hours after surgery or injury, increasing to "Medium" or "High" only if it is comfortable after the first 48 hours. We recommend that "High" pressure is never applied if you are confined to bed.

Be sure to read further safety warnings on pages 12-13 of this User's Manual.

MODES OF OPERATION

Manual Mode: The System automatically starts in this mode, and allows the user to adjust treatment time and pressure settings.

Program Mode: This mode allows the user to choose one of six treatment programs that provide therapy for a set time then sleep (no treatment) for a set time, continuously, at a specific pressure setting.

Drain Mode: Allows a user to connect a Hose with a special Hose Adapter (purchased separately) to the unit, enter Drain Mode and have the unit empty the water out of the ice box through the Hose. Drain Mode can be accessed by pressing the program key and toggling through all six programs. To empty water in the System while in Drain Mode, press the program key until you reach Drain Mode, attach the Hose Adapter to the Connector Hose, place the Hose Adapter over a sink, and press the Play button. Drain Mode will run the Control Unit's fluid pump for up to six minutes (long enough to fully empty the ice box). Drain Mode is indicated by the following icons:



BUTTONS

	Power: Use this button to turn the Control Unit on and off.
	Program: Use this button to select one of the available Programs or to return to Manual Mode. See page 8 in this manual for more information on Programs.
	Play/Pause: Use this button to start or pause a treatment.
	Add Time: Use this button to add time in Manual Mode (does not work in Program Mode). You can add up to 90 minutes. Treatment must be paused in order to add or subtract time.
	Subtract Time: Use this button to reduce time in Manual Mode (does not work in Program Mode). You can subtract up to 90 minutes. Treatment must be paused in order to add or subtract time.
	Pressure Selection: Use this button to select one of four pressure settings: No Pressure, Low Pressure (5-15 mmHg), Medium Pressure (5-50 mmHg), and High Pressure (5-75 mmHg). Pressure selection is not available in Program Mode. Treatment must be paused to change pressure settings.
	Volume: Use this button to select the option of sound or no sound. Push to mute sound. Alarms will still sound even with Volume off.
	C/F Button: Use this button to select either Celsius or Fahrenheit on the temperature display.
	Backlight: Use this button to turn the backlight on or off.

TROUBLESHOOTING

ERROR	WHAT DOES IT MEAN?	WHAT CAN I DO?
01	Air Pressure Sensor: The Control Unit has detected a problem calibrating the air pressure circuit on start-up.	- This is most likely to occur if you have restarted the System with an inflated Wrap attached. - Detach the Wrap, pressing it flat to expel the air accumulated inside and try again.
02	Self-Test Error – Air Pump: The Control Unit has detected an electronic problem in the air circuit on start-up.	- Disconnect the Wrap from the Control Unit. - Turn the Control Unit off and on again without a Wrap connected. - Reconnect the Wrap and resume treatment. - If the problem persists, contact Customer Service.
04	Dry Pump: The Control Unit has detected a dry pump. In order to prevent possible damage to the fluid pump, the unit will stop therapy.	- Be sure you are using ATX Series Heat Exchangers. - Note that if you are using new Wraps, the water in the reservoir may have been depleted and causing this error. Make sure there is adequate water in the reservoir based on the fill line indicator label. Refer to instructions for priming a Wrap below. - Verify that the ice box filter is not clogged (refer to filter maintenance instructions on page 10). - Make sure there are no kinks in the Wrap or Connector Hose. - Turn the Control Unit off and on again. - Disconnect and reconnect the hose from the Control Unit and the Wrap, verifying that an audible "click" is heard at both connection points. - Prime the Wrap using the following steps: - Select "No Pressure." - Attach the hose to the unit and the wrap. - Lay the Wrap open and flat next to or lower than the Control Unit (not on the body). - Run the System for 2 minutes. - Prime the Control Unit using the following steps: - Disconnect the hose from the Control Unit. - Now, look at the Wrap connection location on the Control Unit. On the top valve, push the white prong in so that it is flush with the metal connector. - Make sure you are not fully covering the opening in the prong. - Push start, and water should squirt out of the valve. - Restart the System.
06	Over Pressure: Indicates that the Control Unit has exceeded the target air pressure.	- Turn the Control Unit off and back on. - Make sure the Wrap is applied securely around the body. - Try using a different Wrap and Hose to isolate which component may be producing the error. For example, an error which occurs with a Shoulder Wrap but not a Knee Wrap may indicate that the Shoulder Wrap is causing the error: not the Knee Wrap or Control Unit.

UL CLASSIFICATION

Protection against electric shock (5.1):

The GRPro System is considered to be Class II (double insulated) when connected to the GlobTek Model GTM-21097-5012 power supply.

Protection against harmful ingress of water (5.3):

This product provides ordinary protection against ingress of water.

Degree of safety in the presence of flammable anesthetics or oxygen (5.5):

Not suitable for use in an oxygen enriched environment or in the presence of flammable anesthetics.

Electromagnetic interference:

This equipment has been tested and found to comply with the limits for medical devices in IEC 60601-1-2:2001. These limits are designed to provide reasonable protection against harmful interference in a typical medical installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving device.
- Increase the separation between the equipment. Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.
- Consult the manufacturer or field service technician for help.

	Medical Equipment With respect to electrical shock, fire, and mechanical hazards only in accordance with UL 60601-1, CAN/CSA C22.2 No. 601.1
	Powered by Direct Current
	Type BF Applied Parts
	Attention: Consult accompanying documents before use.
	Manufacturer

ADJUSTING TEMPERATURE

To adjust the temperature being applied during treatment, simply turn the temperature knob towards 3 snowflakes for the maximum amount of cold, or towards 1 snowflake for the least amount of cold. Notice that as you adjust the knob, the "Target Temperature" on the display will change. The System will automatically adjust to match the temperature you have selected.

TIP: The maximum amount of cold is dictated by the amount of ice in the reservoir and the setting of the temperature adjustment knob. You may need to stir or replenish the ice to achieve coldest temperatures. Ice will melt faster in the acute phases of injury as the Game Ready System is removing greater amounts of heat from the treatment site.

DISPLAY

Status bar: Vol  Manual  Program  Pause  Play 	Vol  Manual  Program  Pause  Play 	Off (Mute) On Indicates selected mode. Indicates unit is paused. Indicates unit is running.
	Other Icons: Error  Sleep  Battery 	Indicates an error. See troubleshooting pages 15-17 for error codes. Indicates sleep mode time. Indicates remaining battery capacity.
	Temperature:  	Actual Temperature: Approximate temperature of the water leaving the Control Unit. Target Temperature: Indicates the target temperature setting. The Control Unit will automatically match the Actual Temperature and Target Temperature as closely as possible.

CONTRAINDICATIONS

Compression Therapy (vasopneumatic compression) using the Game Ready System or any compression therapy device should **not** be used in patients:

- Who are in the acute stages of inflammatory phlebitis in the affected region.
- Who have any history or risk factors for deep vein thrombosis or pulmonary embolus (including prolonged bed rest) in the affected region (to be treated with this therapy).
- Who have significant arteriosclerosis or other vascular ischemic disease in the affected region.
- Who have a condition in which increased venous or lymphatic return is not desired in the affected extremity (e.g., carcinoma).
- Who have decompensated hypertonia in the affected region.

Cryotherapy using the Game Ready System or any cryotherapy device should not be used in patients:

- Who have significant vascular impairment in the affected region (e.g., from prior frostbite, diabetes, arteriosclerosis or ischemia).
- Who have acute paroxysmal cold hemoglobinuria or cryoglobulinemia.

GENERAL WARNINGS AND CAUTIONS

WARNINGS

- Improper placement or prolonged use of the Game Ready System could result in tissue damage.
- During the course of therapy, patients should monitor the skin surrounding the treated region or the digits of the extremities of the treated limb for any burning, itching, increased swelling, or pain. If any of these signs present, or any changes in skin appearance occur (such as blisters, increased redness, discoloration, or other noticeable skin changes), patients are advised to discontinue use and consult a physician.
- Game Ready Wraps are not sterile; do not place directly against open wounds, sores, rashes, infections, or stitches. The Wrap may be applied over clothing or dressing.
- Game Ready Wraps are available in multiple configurations but are not intended for all possible physiologic uses. For example, the Ankle Wrap is not designed for use on the toes and the Back Wrap is not designed for use in the abdominal region.
- Compression Therapy (vasopneumatic compression) with the Game Ready System should be used only under the supervision of a licensed healthcare practitioner in patients:
 - Who have an open wound in the affected region (the wound must be dressed prior to use of Game Ready).
 - Who have an acute, unstable (untreated) fracture in the affected region.
 - Who are children under 18 years old or patients who have cognitive disabilities or communication barriers, whether temporary (due to medication) or permanent.
 - Who have a cardiac insufficiency or congestive heart failure (with associated edema in the extremities or lungs).
 - Who have a localized skin condition (e.g., dermatitis, vein ligation, gangrene, skin graft) in the affected region.
 - Who have erysipelas or other active infection in the affected region.
- Cryotherapy with the Game Ready System should be used only under the supervision of a licensed healthcare practitioner in patients:
 - Who have Raynaud's disease or cold hypersensitivity (cold urticaria).
 - Who have hypertension or extreme low blood pressure.
 - Who have diabetes.

OPERATING THE SYSTEM

To operate your GRPro 2.1 System, you need:

- Control Unit filled with ice and water as indicated by the fill line labels within the reservoir. Optimal performance is achieved by first adding 1.5 liters of water, and then filling the reservoir to the top with ice.
- Game Ready supplied power supply.
- Connector Hose.
- Wrap (includes a Heat Exchanger and Sleeve).

Notes:

- The Wrap is comprised of an inner Heat Exchanger and an outer Sleeve. The combination of Sleeve and Heat Exchanger is referred to throughout this manual as a "Wrap." To ensure proper performance, be sure to use ATX Series Heat Exchangers.
- The GRPro 2.1 Control Unit should be placed on a stable surface (such as the floor or a table) during use.
- Note that using the System in an environment with a high ambient temperature may affect its ability to provide adequate cooling, or may limit the ice life.
- If you will be using the System with a Game Ready supplied battery pack, please consult the instructions for use that accompany that battery pack.

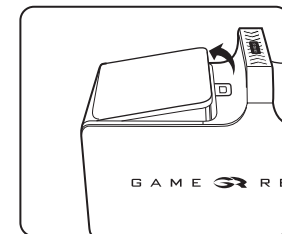
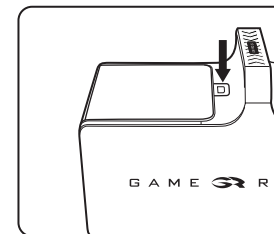
Warning:

- Your GRPro 2.1 Control Unit should be plugged into a grounded electrical outlet prior to operation.
- Position the Control Unit to minimize the risk of tripping over the Control Unit, Connector Hose, or power cord.

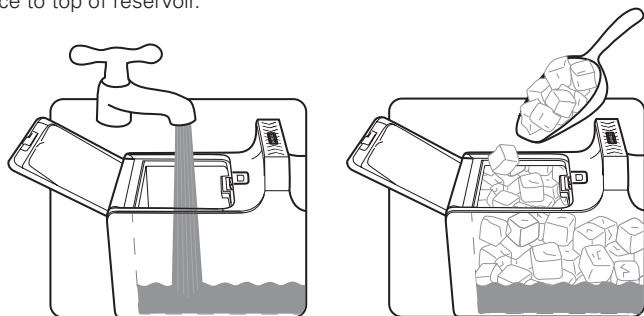
Precautions:

- Failure to properly follow the instructions of this manual and those of your medical provider may interfere with or prevent delivery of appropriate therapy.
- To avoid risk of electrical shock unplug the Control Unit from the electrical outlet prior to filling the Control Unit with ice and water.

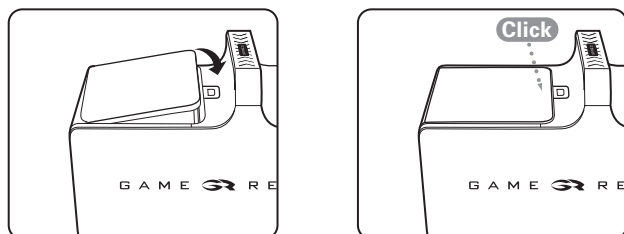
- 1 Push the door release button to open the ice box door.



- 2 Add water to fill-line indicated on label within the reservoir. DO NOT OVERFILL. Add ice to top of reservoir.



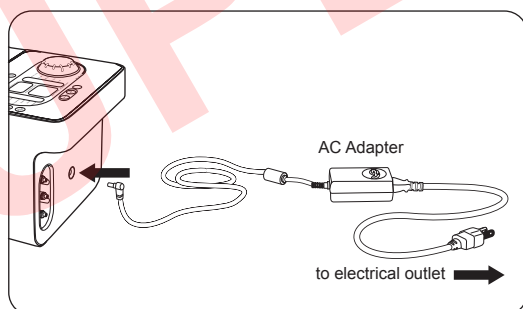
- 3 Close the ice box door. Make sure you hear it click.



- 4 Place the Control Unit in the location where you plan to use it. The Control Unit should only be used in the upright orientation as shown. The Control Unit will leak if placed on its side.

- 5 Connect the AC Adapter to a grounded electrical outlet, then to Control Unit. The power indicator light (orange color) on the Control Unit should illuminate. Press the power button.  The screen should light up and the Control Unit should beep twice. The power indicator light should turn from orange to green. If you do not see these indicators, refer to "Control Unit will not turn on" on page 17 of the Troubleshooting Guide in this manual.

Note: The Control Unit should be turned on prior to attaching a Wrap.



Other than maintaining the reservoir filter, no product service should be performed by the user. If your GRPro System requires service, in the U.S. call Game Ready Customer Service at 1.888.427.3732 (+1.510.868.2100); from outside of the U.S. please contact your local distributor.

ACCESSORIES

The GRPro 2.1 Control Unit can be used with any of the following accessories:

- Any Game Ready Wrap using ATX Series Heat Exchangers (wraps made by any other manufacturer CANNOT be used with this System)
- Game Ready supplied Power Supply (GlobTek Model GTM-21097-5012) and Hospital Grade Power Cord
- Game Ready supplied Connector Hose
- Game Ready Carry Bag
- Game Ready supplied battery and charger
- Game Ready Drain Mode Adapter

INDICATIONS FOR USE

Caution: United States Federal Law restricts this device to sale by or on the order of a licensed health care practitioner.

- Follow the treatment recommendations of your health care practitioner for duration and frequency of use for this device.

The GRPro System combines cold and compression therapies. It is intended to treat post-surgical and acute injuries to reduce edema, swelling, and pain for which cold and compression are indicated. It is intended to be used by or on the order of healthcare professionals in hospitals, outpatient clinics, athletic training settings, or home settings.

CARRY BAG

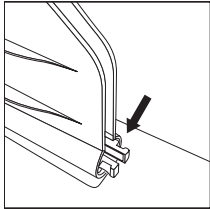
The Carry Bag should be cleaned using a soft cloth or brush and a mild detergent. Febreze® or the equivalent can be used on the Bag if desired. If the Carry Bag has a biological material on the surface, Steri-Fab® may be used to decontaminate those surfaces.

Be sure to test any product on a small portion of the Bag to ensure that it will not cause damage.

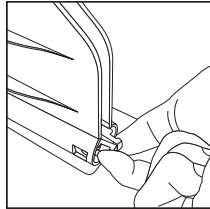
Note: To operate the GRPro System, you do not need to remove it from the Carry Bag. Simply unzip the Bag's main compartment and end panel. Fill the reservoir with ice and water. Attach the Connector Hose and the AC Adapter to the end panel of the Control Unit and plug the AC Adapter into a grounded electrical outlet.

MAINTENANCE

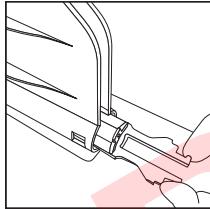
The reservoir filter should be inspected, cleaned, and/or replaced as necessary.



- 1 Identify the filter within the ice reservoir.



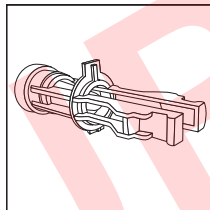
- 2 Using two fingers, grasp and squeeze the two protruding prongs.



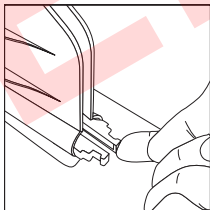
- 3 Slide the filter out.

- 4 Rinse debris from the filter and be sure there are no obvious signs of damage.

If you have questions or would like to order a new filter, in the U.S. call Game Ready Customer Service at 1.888.427.3732 (+1.510.868.2100); from outside of the U.S. please contact your local distributor.

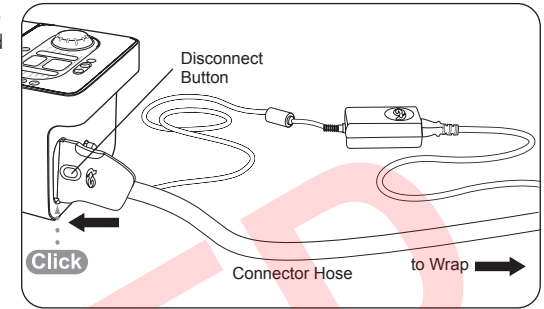


- 5 To replace the filter, or install a new filter, first ensure that the filter is oriented properly with the plastic tab facing up. If the filter is not oriented properly, the protruding tab will prevent the filter from sliding back into place.



- 6 You will feel and hear the filter snap back into place.

- 6 Connect the larger end of the Connector Hose (with the red button) to the Control Unit. Make sure you hear it click. To disconnect, simply press the red button and remove the connector from the Control Unit.

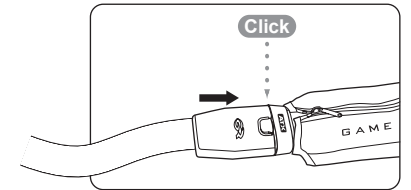
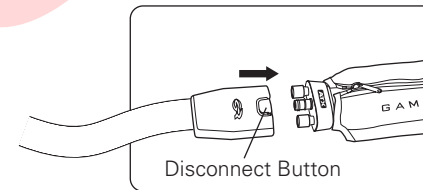


- 7 Apply the selected Wrap (consult the Use Guide accompanying each Wrap for application instructions). To ensure proper performance of the System, it is important to use ATX Series Heat Exchangers in your Wrap.

Caution:

- The Wrap is not sterile. Do not place directly against open wounds, sores, rashes, infections, or stitches. The Wrap may be applied over clothing or dressing.
- To ensure best fit, be sure the Wrap is completely deflated prior to each application.

- 8 Connect the smaller end of the Connector Hose (with a blue or gray button) to the Wrap. Make sure you hear it click. To disconnect, simply press the blue or gray button and remove the connector from the Wrap.



If you have any problems with the set-up of your GRPro System, in the U.S. call Game Ready Customer Service at 1.888.427.3732 (+1.510.868.2100); from outside of the U.S. please contact your local distributor.

Warnings:

- Follow the treatment recommendations of your health care practitioner for the use of this device.
- Improper placement or prolonged use of the GRPro could result in tissue damage.
- For additional warnings and precautions, please refer to pages 12 & 13 of this manual.

- 9 Set your target temperature (displayed in the Target Temperature window) by turning the knob. Turning the knob right, towards 3 snowflakes, will provide more cold therapy. Turning the knob left, towards 1 snowflake, will provide less cold therapy.



- 11 Manual**  You can choose to operate in either Manual Mode or Program Mode. Manual Mode allows you to adjust time and pressure settings as you choose. Program Mode allows you to choose one of six programs that provide treatment for a set time then sleep (providing no treatment) for a set time, continuously, at a specific pressure setting (refer to list of available programs below). The unit automatically starts in Manual Mode.

Manual Mode:

 	Set the time in five minute increments by pushing the +/- buttons.
	Set the pressure by pushing the pressure button. You can select from 4 pressure settings: No pressure, Low Pressure (5-15mmHg), (Medium Pressure (5-50mmHg), High Pressure (5-75mmHg).

Program Mode:

	Push the program button to enter Program Mode. In Program Mode, the unit will operate continuously according to the selected program. You will need to replenish ice and water as previously indicated in step 2.
	You can select from the following programs: (Push the Program Button to scroll through the available programs.) Program 1: 30 minutes on, 30 minutes sleep. No pressure. Program 2: 30 minutes on, 30 minutes sleep. Low pressure. Program 3: 30 minutes on, 30 minutes sleep. Medium pressure. Program 4: 30 minutes on, 60 minutes sleep. No pressure. Program 5: 30 minutes on, 60 minutes sleep. Low pressure. Program 6: 30 minutes on, 60 minutes sleep. Medium pressure. Program d: Drain Mode. Please refer to page 2 in this manual for details.

STORAGE

When you are done using the System for the day:

- Unplug the AC Adapter and the Connector Hose from the Control Unit.
- Push the door release button to open the door.
- Carefully pour out the ice and water.
- Wipe off any excess water.
- Store the Control Unit with the lid fully open to allow the interior to dry and preserve the reservoir seal. Store the Control Unit in the Carry Bag or in another safe location. Remember that your GRPro Control Unit is a valuable piece of equipment and should be treated with great care, like a laptop computer.

Storage Temperature Conditions: 33° - 120°F (1° - 50°C)

Relative Humidity: 10% - 95% non-condensing

Caution: Do not keep in extreme cold or hot temperatures (below 33°F or above 120°F or below 1° or above 50°C). Do not leave in a hot or freezing car. Do not leave the Control Unit in direct sunlight. The UV light may damage or discolor the Control Unit.

CLEANING

CONTROL UNIT

The exterior of the Control Unit and the visible interior surfaces of the reservoir can be cleaned with a soft cloth and one of the following cleaning agents:

- Mild detergent
- 70% Isopropyl alcohol
- 100% Simple Green®
- Quaternary ammonium (such as Cavicide® or Virex® – typically only found in a clinical use setting)

Procedure:

- Follow the manufacturer's instructions and precautions for the cleaning agent you select.
- Apply the selected cleaner to a soft cloth and wipe down all surfaces of the Control Unit.
- Allow the Control Unit to dry thoroughly before storing it in the bag.
- The Control Unit should be cleaned as needed.

DO NOT USE:

- Phenolic-based disinfectants (such as Amphyll® – typically only found in a clinical use setting).
- Any solvent-based cleaners on the Control Unit. Doing so will damage the plastics and will void your warranty.
- Abrasive materials to clean the Control Unit. Doing so will damage the plastics and will void your warranty.

Caution: The Control Unit is not a waterproof device. Do not apply a direct stream of any liquid onto the Control Unit, submerge the Control Unit, or allow any liquid to pool on the surface of the front panel of the Control Unit.

CONNECTOR HOSE

The surface of the Connector Hose can be cleaned using a soft cloth and one of the following:

- Mild detergent
- Steri-Fab®
- 70% Isopropyl alcohol
- We do not recommend the use of quaternary ammonium (such as Virex® or Cavicide®).

DO NOT USE:

- Phenolic-based disinfectants (such as Amphyll® – typically only found in a clinical use setting).
- Any solvent based cleaners. Doing so will damage the plastics and will void your warranty.
- Abrasive materials. Doing so will damage the plastics and will void your warranty.
- Any petroleum based lubricants. Doing so will damage the o-rings and will void your warranty. If lubrication is required, the use of silicon spray is recommended.

WRAPS

Gently remove Heat Exchanger from the Sleeve. Hand wash the Sleeve in cold water, using a mild detergent or antibacterial soap. Do not use fabric softener. Hang to dry.

If needed, the external surface of the Heat Exchanger may be cleaned by wiping down with commercial non-bleach cleaning wipes or hand washed using a very small amount of mild detergent or antibacterial soap. DO NOT MACHINE WASH.

Refer to the Wrap Use Guide accompanying individual Wraps for more information.