



# G1190 HEAVY-DUTY STRETCHER USER MANUAL

**SAVE THIS MANUAL FOR FUTURE USE.**

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# 1 INTRODUCTION

Congratulations on your purchase of the Gendron G1190 Heavy-Duty Transport Stretcher. The following pages will provide you with important safety and operating instructions on the use of this stretcher, as well as maintenance and warranty information. Read this manual carefully before operating the stretcher and refer to it as often as needed. Consult your authorized distributor and / or healthcare professional with any questions or concerns regarding safe and effective techniques for operating the stretcher.

Upon receipt of the stretcher, and prior to each use, inspect it closely to ensure that nothing is damaged, there are no loose or broken parts, that all stretcher parts are in the proper place, etc. Immediately replace any worn or broken components. The stretcher should receive maintenance on a regular schedule and should be inspected daily for proper operation. Contact GF Technical Support at 1.770.368.4700 with any maintenance concerns.

Important safety, operating, and maintenance instructions that warrant your attention are included in this user manual. Read this entire manual carefully before operating your new Gendron G1190 Heavy-Duty Transport Stretcher. Keep it handy for future reference, and refer to it as often as necessary to help maintain good performance standards. Consult your healthcare professional and GF Health Products, Inc. ("Graham-Field") authorized distributor for assistance in developing and learning safe and effective techniques for performing your daily activities according to your individual physical abilities and needs, and to make certain that your recliner is properly adjusted for your use.

The safety precautions in this manual are general warnings intended to be used only as basic guidelines. You may find it necessary to develop your own methods for safely solving frequently encountered challenges. Again, consult your professional medical advisors for their recommendations about safety methods, and never hesitate to ask for their assistance. Your Gendron G1190 Heavy-Duty Transport Stretcher should receive frequent, regularly scheduled maintenance, including an inspection of the mechanical parts, to ensure proper operation.

Some suggested inspection procedures, troubleshooting procedures, and adjustment procedures are included in this manual. When it comes to service and repair, remember that your Graham-Field authorized distributor knows your Gendron G1190 Heavy-Duty Transport Stretcher best.

Thank you for choosing a Gendron product. We at Graham-Field wish to assure you of our continuing commitment to provide innovation and quality in our products. The Gendron G1190 Heavy-Duty Transport Stretcher is intended to be operated by an attendant.

The Gendron G1190 has a maximum weight capacity of 1,000 lb (453.6 kg).

## INTENDED USE

The Gendron G1190 Heavy-Duty Transport Stretcher is intended for moving patients who require medical care.

## 2 SAFETY PRECAUTIONS

**IMPORTANT:** Before using stretcher, read and adhere to the following safety precautions and warnings. Failure to do so could result in serious personal injury or damage to the stretcher.

Always consult your healthcare professional to determine safe methods most suitable for your individual abilities. Protect yourself, your attendant and stretcher by having it serviced regularly. If you experience any malfunction, contact GF Technical Support at 1.770.368.4700 or your GF authorized distributor immediately, as a hazardous condition could result, causing personal injury or damage to the stretcher.

Periodic inspection, adjustment and replacement of worn parts are necessary to provide years of excellent service. Refer to **CARE AND MAINTENANCE** section of this manual.

Maintenance **MUST** be performed by qualified personnel **ONLY**.

### SIGNIFICANCE OF SAFETY STATEMENTS

Note the following special statements, used throughout this manual, and their significance:

- ⚠ WARNING:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in death or serious personal injury.
- ⚠ CAUTION:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in minor or moderate personal injury.
- ▲ NOTICE:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in product or property damage.

*Info: Provides application recommendations or other useful information to ensure that you get the most from your product.*

### WARNINGS

- ⚠ WARNING:** Important! Read and understand these instructions before assembling or using the Gendron G1190 Heavy-Duty Transport Stretcher. If you do not understand any part of these warnings, cautions or instructions, contact a healthcare professional for direction in the use of this product. If the Gendron G1190 Heavy-Duty Transport Stretcher is not properly assembled, personal injury and damage to the G1190 could result.
- ⚠ WARNING:** If components are damaged or missing, contact your GF Health Products, Inc. ("GF") authorized distributor immediately. **DO NOT** use substitute parts. Use **ONLY** Gendron replacement parts. The use of non-Gendron replacement parts could cause personal injury, property damage, and void the warranty.
- ⚠ WARNING:** Unauthorized modification of the stretcher could cause personal injury, property damage, and void the warranty.
- ⚠ WARNING:** The Gendron G1190 Heavy-Duty Transport Stretcher maximum patient weight is 1,000 lb (453.6 kg), **EVENLY DISTRIBUTED**. **DO NOT** exceed the maximum patient weight; exceeding the maximum patient weight could cause the stretcher to fail.
- ⚠ WARNING:** GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly or use of this product.
- ⚠ WARNING:** Check all parts for shipping damage before using. In case of damage, **DO NOT USE** the equipment. Contact the carrier or your GF authorized distributor for further instructions.

- ⚠ WARNING: ALWAYS raise the side rails when the patient is occupying the stretcher, or personal injury could result.**
- ⚠ WARNING: Failure to activate steer position while transporting a patient could result in personal injury or damage to the stretcher.**
- ⚠ WARNING: Take special care to lock the casters securely when reclining or inclining the fowler and also when transferring patient to or from the stretcher, or personal injury could result.**
- ⚠ WARNING: Failure to ensure the brakes are locked could result in personal injury.**
- ⚠ WARNING: Ensure latch knobs are locked to securely lock side rails in position to prevent injury.**
- ⚠ WARNING: DO NOT confuse the head and foot end of the stretcher when placing the patient on the stretcher.**
- ⚠ WARNING: Ensure the static chain is touching the floor when the patient is occupying the stretcher, or personal injury or equipment damage could result.**
- ⚠ WARNING: Ensure all persons and objects are clear of the stretcher during adjustment, or personal injury could result. DO NOT place arms or head into frame while operating.**
- ⚠ WARNING: Watch for pinch points. Keep clear of any mechanism in motion.**
- ⚠ WARNING: Patient MUST be centered on the stretcher at all times.**
- ⚠ WARNING: DO NOT sit on or exit the stretcher at the head or foot end.**
- ⚠ WARNING: DO NOT use a stretcher with any missing or damaged parts.**
- ⚠ WARNING: DO NOT disassemble the stretcher. If problems are found, contact GF Technical Support at 1.770.368.7400 or your authorized GF distributor.**
- ⚠ WARNING: GF Health Products, Inc. specifically disclaims responsibility for any bodily injury or property damage which may occur during any use which DOES NOT comply with federal, state or local laws or ordinances.**

### 3 FEATURES

#### STRETCHER COMPONENTS



**G1190 Heavy-Duty Stretcher**

**Figure 1**

#### STRETCHER FEATURES (SEE PICTURE ABOVE)

- Foot-pedal fowler adjustment at stretcher head end raises and lowers head section
- Construction: steel powder-coat painted
- Patient Surface (Litter Top): 39" x 79" (99.1 cm x 200.7 cm)
- Side Rails: Two-position
- Casters: Heavy duty 8-inch casters with steer and brake functions
- Stretcher pad (litter pad): 4" (10.2 cm) thick high-density-foam stretcher pad with nylon cover
- Accessory sockets: One IV socket on each corner of stretcher
- IV Pole (optional): Removable telescopic IV pole with storage under stretcher top

## 4 HANDLING PROCEDURES

### SHIPPING AND TRANSPORTATION INSTRUCTIONS

If the stretcher is to be reshipped by common carrier, it should be packed in the same carton in which it was received.

#### Unpacking

**⚠ WARNING: The stretcher is heavy (shipping weight is approximately 330 lb (149.7 kg)). To avoid personal injury, DO NOT attempt to unpack or move the stretcher without assistance.**

1. Check for any obvious damage to the carton or its contents. If damage is evident, notify the carrier or your GF authorized distributor.
2. Remove all loose packing from the carton.
3. Carefully remove all the components from the carton.

***Info: Unless the stretcher is to be used immediately, retain boxes, containers and packing material for use in storing until use of stretcher is required.***

#### Inspection

1. Examine the exterior of the stretcher for nicks, dents, scratches or other damage.
2. Inspect all components.

#### Storage

1. Store the repackaged stretcher in a dry area.
2. DO NOT place other objects on top of the repackaged stretcher.



## 5 OPERATION

### STRETCHER OPERATION – GENERAL WARNINGS

**⚠ WARNING: Ensure all hardware and accessories are securely fastened before use.**

### STEERING AND BRAKING OPERATION

Steering and Braking are controlled by the red and green pedals located at each corner of the stretcher; any pedal controls the central braking system, which locks all four casters.



**Figure 2**  
**NEUTRAL position**



**Figure 3**  
**STEER position**



**Figure 4**  
**BRAKE position**

#### Neutral Position

NEUTRAL Position is shown above in Fig. 2. The pedals are level and all casters are free to move in any direction. To activate neutral position, press whichever pedal is elevated until it is parallel to the floor. All four casters will be in neutral position.

#### Steer Position

STEER position is shown above in Fig. 3. To activate steer position, ensure you begin in neutral position, and push the stretcher from the head end forward approximately 12 inches (30 cm). Ensure the right foot end caster is in the trailing position, and depress the green side of any corner pedal approximately 45 degrees.

**⚠ WARNING: Failure to activate steer position while transporting a patient could result in personal injury or damage to the stretcher.**

#### Brake Position

BRAKE position is shown above in Fig. 4. To engage the brakes, depress the red pedal on any caster approximately 45 degrees to lock. All four casters will be locked in brake position.

**⚠ WARNING: Failure to ensure the brakes are locked could result in personal injury.**

**⚠ WARNING: Lock brakes when transferring a patient, when a patient is entering or exiting the stretcher, or when the stretcher is unattended. Failure to do so could result in personal injury or damage to the stretcher.**



## FOWLER OPERATION

The foot pedal, located at the head end of the stretcher, controls the elevation of the hydraulic fowler between 0° and 80°. The foot pedal is shown at right in Fig. 5.

**⚠ WARNING: Ensure casters are locked before adjusting fowler.**

### Raising the Fowler

To raise the fowler, depress the pedal with your foot. Release and repeat until the fowler is at the desired height (Fig. 5).

### Lowering the Fowler

Lift the pump pedal with your foot to lower the fowler.



Figure 5

## SIDE RAIL OPERATION

Side Rails are located on each side of the stretcher. Side Rails have a two-position (up and down) fold-down operation. Refer to Fig. 6 at right for operation.

### Raise or Lower Side Rail

Lift up on side rail, pull the latch knob out to unlock it, the side rail may now be raised or lowered (Fig. 6).

**⚠ WARNING: Ensure latch knobs are locked to securely lock side rails in position to prevent injury.**

**⚠ WARNING: ALWAYS raise the side rails when the patient is occupying the stretcher, or personal injury could result.**



Figure 6

## IV POLE (OPTIONAL) AND ACCESSORY SOCKETS

The IV pole may be used at any of the sockets at the four corners of the stretcher, shown in Fig. 7 below.

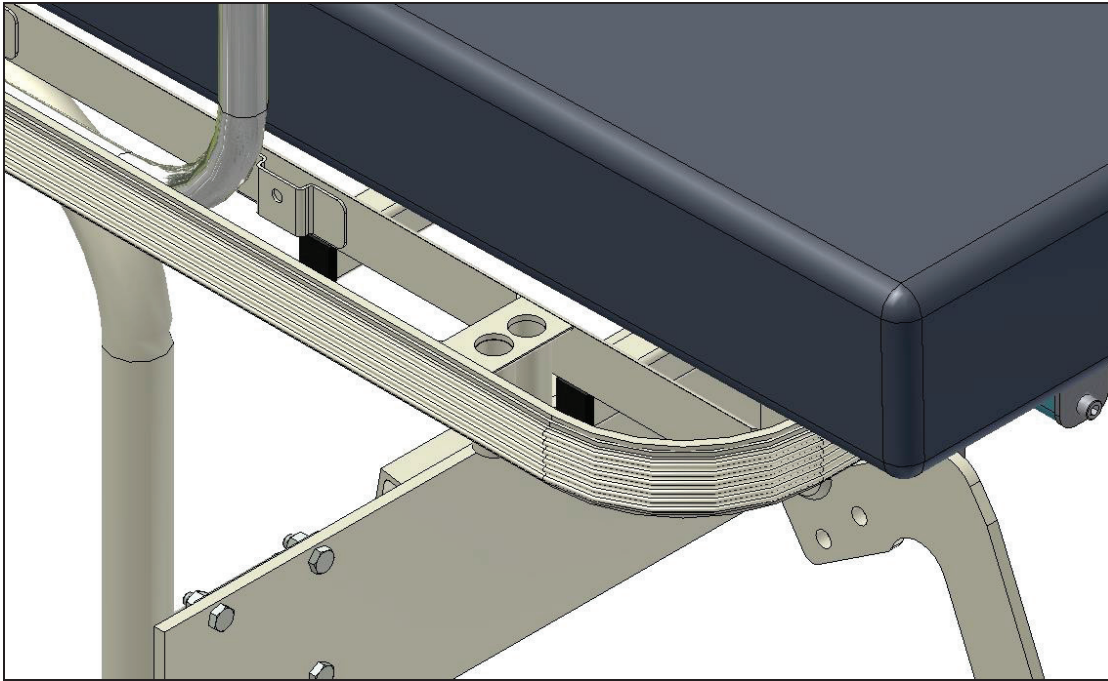


Figure 7

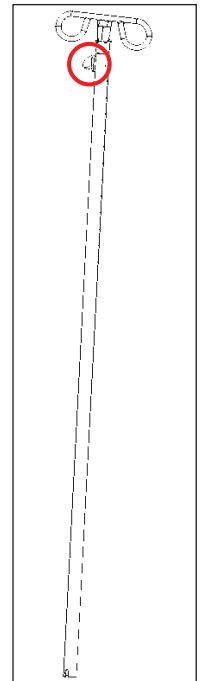


Figure 8

## IV POLE OPERATION (OPTIONAL)

### Adjust IV Pole Height

1. Loosen the thumb screw, circled in red in Fig. 8, until upper pole can slide inside lower pole.
2. Raise or lower upper pole to desired height.
3. Retighten thumb screw at desired height.

**⚠ WARNING: Ensure IV Pole is securely locked in position before use.**

***Info: IV pole storage is provided under the stretcher top.***

## 6 CARE AND MAINTENANCE

- ⚠ WARNING: Inspect stretcher before each use. Ensure that all hardware and accessories are secure. Failure to do so could result in patient / attendant injury or damage to the stretcher.**
- ⚠ WARNING: Service and repair of the Gendron G1190 Heavy-Duty Transport Stretcher MUST be performed by qualified personnel ONLY.**
- ⚠ WARNING: Unauthorized modification of the stretcher or the use of non-Gendron replacement parts may change the structure of the stretcher and could create a hazardous condition, which could result in serious injury and void the warranty.**

### INSPECTION AND MAINTENANCE

Proper care and maintenance are essential to keeping your Gendron G1190 Heavy-Duty Transport Stretcher in a safe operating condition. In addition to inspecting the unit before each use, periodic maintenance checks should be done as listed below.

#### Brakes

Due to normal wear of the tires, the brakes should be checked periodically. When properly adjusted and locked, the casters will not rotate when the stretcher is loaded. The brakes may be adjusted by turning the large plastic nut on the underside of the fork.

#### Caster Lubrication

Under normal usage, the factory lubrication of the casters will last many years. When overhauling the stretcher, the caster wheel bearings should be replaced.

#### Before Initial Use

- Do a careful walk-around inspection of the stretcher. Look underneath the stretcher to ensure there is nothing stored there.
- Lock the casters.
- Position the side rails; ensure they slide up and down properly.
- When you are satisfied that the stretcher is operating properly, instruct all personnel who may be involved in the stretcher's operation.

#### At Least Once a Month

- Inspect for wear.
- Ensure all parts and fasteners are secure.
- Replace any worn parts immediately.

#### At Least Once a Year

- Check all bolts to ensure that all are securely fastened.
- Ensure all pins are in their locked position and are securely fastened.
- Check all welds to ensure good condition.
- Lubricate all pivot points with FDA approved grease or dry Teflon lubricant.
- Check lock and steer casters for proper operation.

- ⚠ WARNING: If problems are found, immediately contact GF Technical Support at 1.770.368.4700, as a potentially hazardous condition could exist. Any discrepancies noted during inspection MUST be corrected before using the stretcher.**

## CLEANING AND DISINFECTING

▲ **NOTICE:** Before using any cleaning product, test it on the underside of the stretcher. NEVER use any volatile or flammable fluid (thinner, gasoline, etc.) that could cause discoloration or deterioration.

▲ **NOTICE:** DO NOT pressure wash or steam clean the stretcher.

### Metal Surfaces

Wipe with a soft cloth as frequently as needed. Clean with warm water and a mild detergent, using a soft cloth. Disinfect with hospital-grade disinfectant. Apply paste wax regularly to maintain good appearance.

### Vinyl Bumper and Tires

Clean with warm water and a mild detergent, using a soft cloth. Disinfect with hospital-grade disinfectant.

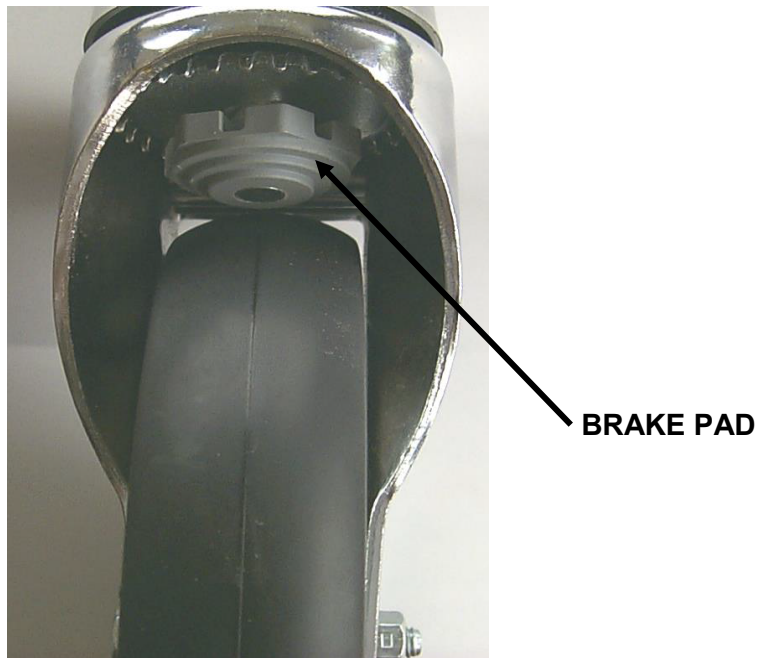
### Stretcher Pad (Litter Pad)

The stretcher pad cover is resistant to most medicinal-type stains, but may be damaged by solvents and dyes. For regular maintenance and care, clean with warm water and a mild detergent, using a soft cloth.

## BRAKE PEDAL PAD ADJUSTMENT

**Tools required:** 5/32" hex key or T-handle hex key

Brake pads may become loose after a period of use and need to be tightened.



**FIGURE 9**

There is a set screw on the hub, shown in Fig. 9, that requires tightening. Use a 5/32" hex key or T-handle hex key to tighten the set screw. Turn the brake pad counterclockwise to increase brake pad pressure on the tire, and clockwise to decrease brake pad pressure on the tire.

## 7 SPECIFICATIONS

*Info: All dimensions are approximate and given in inches unless otherwise specified.*

<b>Stretcher model</b>	<b>Gendron G1190 Heavy-Duty Transport Stretcher</b>
<b>Overall width</b>	40" (101.6 cm)
<b>Overall length</b>	80" (203.2 cm)
<b>Overall height (floor to patient surface)</b>	29.5" (74.9 cm)
<b>Patient surface size</b>	39" x 79" (99.1 cm x 200.7 cm)
<b>Base clearance</b>	10" (25.4 cm)
<b>Fowler tilt angle</b>	0°-80°
<b>Side rail length</b>	57.5" (146.1 cm)
<b>Side rail height above patient surface</b>	10.5" (26.7 cm)
<b>Caster size</b>	8" (20.3 cm)
<b>Maximum patient weight</b>	1,000 lb (453.6 kg), EVENLY DISTRIBUTED
<b>Shipping weight</b>	330 lb (149.7 kg) not including accessories

## 8 LIMITED WARRANTY

### SCOPE OF WARRANTY

GF Health Products, Inc. ("GF") warrants to the original purchaser only that it will replace or repair components, at GF's sole discretion, that are defective in material or workmanship under normal use and service. All warranties are conditioned upon the proper use of the products strictly in accordance with good commercial practice and applicable GF instructions and manuals, including proper use and maintenance. To the extent that a third party warrants a component, GF conveys all of its rights under that warranty to the original purchaser, to the extent permitted. This limited warranty shall only apply to defects that are reported in accordance with the provisions set forth in this warranty document, within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. (See Obtaining Warranty Service below) This limited warranty is not transferable.

The warranted components and time periods are set forth below:

Frame:.....	2 (two) years
Casters:.....	1 (one) year
Upholstered Pads †:.....	1 (one) year
Replacement Parts ‡:.....	90 days

\* Labor is not included in the warranty.

† Upholstery is only warranted on material supplied by GF.

‡ The warranty period is as designated above. If a part is replaced under warranty, the original warranty period will not be affected. All other replacement parts will be subject to the warranty period specified.

### OBTAINING WARRANTY SERVICE

Customers located in the United States who wish to report a warranty issue, must contact GF directly by calling 1.770.368.4700 or by e-mailing a request to [cs@grahamfield.com](mailto:cs@grahamfield.com). Customers located outside the United States must contact the Distributor from whom they purchased the products. In both cases, further directions will be provided once the initial contact is made. This limited warranty shall only apply to defects that are reported within the applicable warranty period. Failure to abide by the specific directions will result in denial of the warranty claim.

The warranty does not cover and GF shall not be liable for the following:

- 1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering or failure to seek and obtain repair or replacement in a timely manner;
- 2) Products which are not installed, used, or properly cleaned and maintained as required in the official manual for the applicable product;
- 3) Products considered to be of a non-durable nature including, but not limited to: filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) Matching of color, grain or texture except to commercially acceptable standards;
- 6) Changes in color caused by natural or artificial light;
- 7) Charges by anyone for adjustments, repairs, replacement parts, installation or other work performed upon or in connection with such products which are not expressly authorized in writing, in advance, by GF;
- 8) Any labor or shipping charges incurred in the replacement part installation or repair;
- 9) Costs and expenses of regular maintenance and cleaning; and
- 10) Representations and warranties made by any person or entity other than GF.



## **ENTIRE WARRANTY, EXCLUSIVE REMEDY AND CONSEQUENTIAL DAMAGES DISCLAIMER**

THIS WARRANTY IS GF'S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. GF MAKES NO IMPLIED WARRANTIES OF ANY KIND INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF ANY MODEL OR SAMPLE WAS SHOWN TO THE CUSTOMER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE GENERAL TYPE AND QUALITY OF THE PRODUCT AND NOT TO REPRESENT THAT THE PRODUCT WOULD NECESSARILY CONFORM TO THE MODEL OR SAMPLE IN ALL RESPECTS. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PARTS. GF SHALL NOT BE LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO: DAMAGES FOR LOSS OF PROFITS OR INCOME, LOSS OF USE, DOWNTIME, COVER, OR EMPLOYEE OR INDEPENDENT CONTRACTOR WAGES, PAYMENTS AND BENEFITS. CERTAIN STATES MAY CONFER ADDITIONAL RIGHTS REGARDING WARRANTIES AND IN THOSE STATES GF'S LIABILITY AND THE LIABILITY OF GF'S SUPPLIERS, SHALL BE LIMITED TO THE FULLEST EXTENT PERMITTED BY LAW. COVER, OR EMPLOYEE OR INDEPENDENT CONTRACTOR WAGES, PAYMENTS AND BENEFITS.

The warranties contained herein, together with GF's current Terms and Conditions, contain all the representations and warranties with respect to the subject matter of this document, and supersede all prior negotiations, agreements and understandings with respect thereto. The recipient of this document hereby acknowledges and represents that it has not relied on any representation, assertion, guarantee, warranty, collateral contract or other assurance, except those set out in this document.

For additional information on this product or this warranty, please contact a GF Customer Service Representative.

### **NOTES:**

- 1) Additional terms and conditions may apply. See GF's General Terms and Conditions on its website: [www.grahamfield.com](http://www.grahamfield.com).
- 2) Freight claims must be notated on the appropriate shipping documents and must be made with immediacy. International, federal and state regulations govern specific requirements for freight claims. Failure to abide by those regulations may result in a denial of the freight claim. GF will assist you in filing the freight claim.
- 3) Claims for any short shipment must be made within three (3) days of the invoice date.



# ***GENDRON***<sup>™</sup> *by graham-field*



Manufactured By:  
GF Health Products, Inc.  
1 Graham-Field Way, Atlanta, GA 30340  
Made in USA

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