

Info: The most current version of these instructions can be found online at www.grahamfield.com.



SAFETY GUIDELINES - PLEASE READ BEFORE USE

- ⚠ **WARNING: Important: Use the Grafco 8375 / 8376 Dry Heat Sterilizer only under the care of a physician. Read and understand these instructions before assembling or using the Dry Heat Sterilizer. If you do not understand any part of these instructions, contact a healthcare professional for direction in the use of this product. If the Dry Heat Sterilizer is not operated properly, personal injury and damage to the Dry Heat Sterilizer could result.**
- ⚠ **WARNING: If components are damaged or missing, contact your GF authorized distributor immediately. DO NOT use substitute parts. Non-Grafco replacement parts could cause personal injury and damage to the Dry Heat Sterilizer.**
- ⚠ **WARNING: Take care to prevent injury or burns from touching hot parts.**
- ⚠ **WARNING: Do not operate this unit with a damaged cord.**
- ⚠ **WARNING: Do not operate this unit if it has been dropped or damaged, until it has been examined by a qualified service technician.**
- ⚠ **WARNING: Do not let the power cord hang over edge of table or counter or touch hot surfaces.**
- ⚠ **WARNING: Do not use an extension cord with this unit. Plug it directly into a properly grounded fuse / breaker protected power outlet (115V, 50/60 cycles or 220/240V, 50 cycles). A separate circuit is recommended.**
- ⚠ **WARNING: To protect against electrical shock hazard, do not immerse this appliance in water or other liquids.**
- ⚠ **WARNING: To avoid electrical shock hazard, do not disassemble this appliance. There are no user serviceable parts inside. Call a qualified service technician when service or repair is required.**
- ⚠ **WARNING: Do not lift unit by drawer handle. Hold it securely by the bottom when lifting or moving.**
- ⚠ **WARNING: GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly or use of this product.**

INTENDED USE

The 8375 / 8375-220 / 8376 Dry Heat Sterilizer, shown on previous page, is intended to kill bacteria without moisture. Graeco Dry Heat Sterilizers are intended for indoor use in hospitals and dental, orthodontic, and healthcare facilities. They are equipped with a mechanical automatic timer, bi-metal thermostat, and thermometer. Graeco sterilizers are non-patient care equipment.

Environmental Conditions

The sterilizer is designed for indoor use with the following conditions:

- Temperature Range of 41°F to 104°F (5°C to 40°C)
- Maximum Relative Humidity of 80% to 88°F (31°C) decreasing linearly to 50% at 104°F (40°C)
- Pollution Degree 2 applies in accordance with IE 664
- Transient Over-voltage Category II applies
- Supply voltage: 115V, 50/60 cycles, maximum fluctuation $\leq 10\%$ ($\pm 12V$)
220 / 240V: 50 cycles, maximum fluctuation $\leq 10\%$ ($\pm 22V$)
- Maximum altitude 6,562 ft (2,000 m)

STERILIZER SETUP (FIRST USE ONLY)

Before using the sterilizer for the FIRST time, it is necessary to establish a thermostat setting that will maintain the selected temperature. For 320°F (160°C), set the number “7” on the thermostat dial to match and line up with the marking dot on the side of the sterilizer. Set the timer to “HOLD” position.

After approximately 45 minutes, check the thermometer temperature. The thermometer temperature should be between 320°F and 330°F (160°C and 165°C). If not, adjust the dial.

Decreasing the dial setting will lower the temperature setting. Temperatures may vary during the warm-up period.

OPERATION INSTRUCTIONS

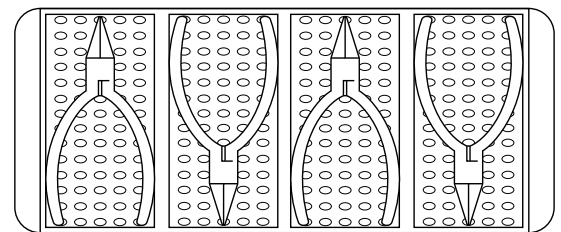
Sterilization Procedure

Prepare all instruments for sterilization by using an Ultrasonic Cleaner, as recommended by the Centers for Disease Control (CDC). Thoroughly rinse the instruments and pat dry with a paper towel. The CDC recommends bagging the instruments prior to sterilizing.

Info: Sterilization bags specific to dry heat sterilization must be used. Dry Heat Self-Seal Bags are available from GF Health Products, Inc.

Place instruments in a single layer and distribute evenly on the sterilizer trays as shown at right. Instruments should not touch each other. Load instruments into sterilizer and pre-heat to temperature indicated in chart below. Run the sterilization cycle for the length of time indicated.

Info: Allow time for sterilizer to reach operating temperature before starting the time cycle.



Time and Temperature Chart

Contents	Preparation	Temperature	Time
Metal instruments, surgical blades, etc.	Thoroughly cleaned and spread out on trays	320°F (160°C)	60 minutes

Maximum Load

Model 8375: 1.3 lb per tray including tray weight

Model 8376: 1.4 lb per tray including tray weight

Weekly Testing with Spore Test Strips

The Centers for Disease Control (CDC) recommends the sterilizer be tested weekly with *Bacillus Atrophaeus* spore test strips.

Power Source

Power source: a properly grounded fuse / breaker protected power outlet (115V, 50/60 cycles or 220/240V, 50 cycles). A separate circuit is recommended. Voltage rating is printed on the nameplate located near power cord.

Model 8375 / 8375-220 Power Rating: 500 Watts

Model 8376 Power Rating: 735 Watts

Timer Switch

The sterilizer's timer switch serves as the ON/OFF switch. To activate the timer and turn the sterilizer on, turn the knob clockwise past the number 10. The timer can then be set for the desired time as indicated on the calibrated scale dial.

To set the timer for continuous operation or warm-up, turn the knob counterclockwise to the HOLD position.

⚠ WARNING: The sterilizer will remain on until it has been manually turned off or set for a timed sterilization cycle.

Thermostat and Thermometer

The bi-metal thermostat is used to adjust the temperature of the sterilizer. The glass thermometer on the front of the unit indicates the sterilizer's chamber temperature.

Pilot Lights

The sterilizer has two pilot lights. The left light illuminates as long as the timer switch is in the ON position. The right light illuminates only while the heating elements are operating and heating the sterilization chamber.

Replacement Fuses

Models 8375 and 8376: Slow Blow type, rated 10A, 250V

Model 8375-220: Slow Blow type, rated 5A, 250V

The fuse is located on the right side of the unit next to the power cord.

SPECIFICATIONS

Model	Trays	Tray Dimensions (WxD), inches	Outside Dimensions (WxHxD), inches	Inside Work Space Dimensions (WxHxD), inches	Shipping Weight, pounds	Power Consumption, Watts
8375 / 8375-220	2	10 x 6.25	15.5 x 10.5 x 9.5	12.5 x 5 x 7.5	17	500
8376	3	11.75 x 7.25	19 x 14.5 x 11	15 x 7.5 x 9	27	735

CLEANING

Clean the inside and outside of the sterilizer with a stainless steel cleaner at least once a month. When cleaning the inside of the chamber, spray cleaner on a clean cloth first and avoid contact with heating elements. Use a wet cloth to wipe away any cleaner residue and then follow with a dry cloth to wipe dry.

▲ NOTICE: Do not use abrasive cleaners or scouring pads to clean the Dry Heat Sterilizer.

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 component is warranted by a third party, 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 to GF's customer service team within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. This limited warranty is not transferable. Within the guidelines set forth in this document, this product is warranted for one (1) year. The applicable warranty period shall commence from date of shipment to the original customer, unless there is an expiration date on the component in which case the warranty shall expire on the earlier of warranty period or the expiration date.

OBTAINING WARRANTY SERVICE

This limited warranty shall only apply to defects that are reported to the Distributor from whom the Customer purchased the product within the applicable warranty period. If there is not a Distributor, you must contact GF directly by calling 770-368-4700, sending a fax request to 770-368-2386, or by e-mailing a request to cs@grahamfield.com. Specific directions will be provided by the Customer Service Representative. Failure to abide by the specific directions will result in denial of the warranty claim.

EXCLUSIONS

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: casters, filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) 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;
- 6) Any labor or shipping charges incurred in the replacement part installation or repair;
- 7) Costs and expenses of regular maintenance and cleaning; and
- 8) 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.

The warranties contained herein 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.
- 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.

