

Coda[®] 2 Incubator Unit

User Manual



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Welcome to the World of Coda®

Indications For Use: Used to purify the air and to remove unwanted particles inside an incubator or environmental chamber.

Please familiarize yourself with this manual before using the device.

Coda® is the FIRST of it's kind. Coda®, is a state-of-the-art, air filtration and purification system that will purify the air in all micro-environments such as an incubator or environmental chamber.

Coda® was developed along with several leading embryologists, scientists and researchers, who were concerned with the high levels of unwanted contaminants in their closed chamber micro-environments, and the effects on their specimens, tissues, cells, medias and oils.

Coda® has a specially designed system of filters and air flow that allows it to be the most unique and effective single unit filtration system of its kind in the industry today.

Coda® is designed to work with the air flow and circulation in your incubators and environmental chambers to create a homogenous working relationship, resulting in maximum air quality.

Where to Use Coda®

All closed environments such as incubators, environmental chambers, mini clean rooms, and biological chambers where you are concerned about air quality and wish to remove potential, unwanted contaminants.

Coda® may be installed inside or outside of your cabinet, and when used in conjunction with our Passthru Device, creates a controllable air environment within these cabinets.

Quality of Construction and Ease In Use

Coda® is constructed with a corrosion resistant, stainless steel body and components. Thoroughly cleaned and conditioned for maximum life and performance. The component tubing system is of the highest quality Teflon and will not deteriorate during the life of the product.

The filter system was specially designed for the maximum purification of this very unique environment. This multi-stage system combines specially selected filtration media, uniquely configured, resulting in ultra-pure filtration. Our extensive tests show that it works.

Coda® is easily installed, requires minimum maintenance, and has the simplest method for filter changes. These filters are both highly efficient, as well as being very economical, when changed in accordance with our recommended maintenance program.

Coda® is a compact unit, weighs less than 6 pounds and can be installed and operative in minutes. It is designed to run continuously, will consistently purify your micro-environment, and will purify this enclosed environment within minutes after the door has been opened and closed. Coda® is fully warranted for one year, including all parts and labor.

*Patent Pending

Safety

IMPORTANT: The Coda®2 Incubator Unit cannot take the place of good housekeeping and general cleanliness. Standard procedures, protocols and good hygiene should be maintained and performed on a regular basis. The addition of the air to the water pan may result in accelerated growth rates of bacteria that may already exist in your incubator and in the water. The condition has existed in your incubator prior to installing the Coda®2 Incubator Unit. It is important to monitor the condition of the water pan, all containers, dishes, and to clean and change the water on a timely basis. You should periodically thoroughly clean the incubator or environmental chamber.

1. This product may **NOT** be used in a neo-natal incubator
2. This product may **NOT** be used in high oxygen environment as this may cause explosion. This unit requires electrical connections
3. Keep all electrical connections away from water or high moisture areas.
4. Change the filter **EVERY 30 DAYS** to maintain product performance. Tubing may be autoclaved.
5. Disconnect all electrical power before servicing or changing filters.

Helpful Hints

1. After each filter change please make sure the air is “bubbling” in the water pan. If not using a water pan, please use a temporary water source to “bubble”.
2. Press the thumb button on the connectors of the Coda®2 Incubator Unit and Coda® Filter, prior to installing the filter, to insure that the connectors are in the open position.

IMPORTANT: To ensure proper installation and operation of this product, completely read all instructions prior to any installation.

Catalogue Numbers

Coda®2 Unit should be placed on the top shelf of the incubator. Available as an individual unit or as an economical start up kit for your incubator and gas line. Kit includes: 1 – Coda®2 Unit, 6 – Coda® Filters, 1 – Coda® Xtra Inline® Filter, 1 – Coda® Inline® Filter Magnet and 1 – Coda® Passthru Device.

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|----------------------|-----------------|----------------------|
| Catalogue #s: | Unit Kit | C2IU-010 C2KT-107 |
|----------------------|-----------------|----------------------|



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|--|---------------------------------------|----------------------|
| Coda® Filters for All Coda® Units & SP Units Change every 30 days. | | |
| Coda® Filter Catalogue #s: | Pack of 6 Pack of 12 | GCIF-006 GCIF-012 |



Installation of the Coda[®]2 Incubator Unit

WARNING: Before attempting to install this unit be sure that the shelving is clear of any specimens and/or containers and that the path to install is unobstructed.

DANGER: This unit requires electrical connections and should not be used in high oxygen environments for fear of causing an explosion.

The Coda[®]2 Incubator Unit is designed to give you a controllable environment, and is designed to be used with specific types of incubators that have an access hole.

Installation of Coda[®]2 Incubator Unit With Passthru Device

We recommend that the Coda[®]2 Incubator Unit be installed on the top shelf of the incubator. This shelf should be clear of specimens and samples. Accordingly, decide on the position of the Coda[®]2 Incubator Unit and clear a path before the installation.

1. Remove the Coda[®]2 Incubator Unit from the box and check for all components. Be sure that you have accessory kit for installation.
2. Open the Coda[®]2 Incubator Unit and install a Coda[®] Filter.
3. Be sure the Passthru Device is properly installed in the rear wall of your cabinet.
4. Place Coda[®]2 Incubator Unit on the desired shelf.
5. Attach the 3' clear tubing provided to the “**AIR OUT**” port on Coda[®]2 Incubator Unit. **DO NOT** attach any tubing to the “**AIR IN**” port at the rear of Coda[®]2 Incubator Unit.
6. Run the power supply cord through the Passthru Device and plug into “**POWER**” port in the rear of Coda[®]2 Incubator Unit.
7. Be sure the ports on the outside of the Passthru Device are sealed with the silicone caps.
8. Run the clear tubing down to the water pan at the bottom of the cabinet. This is done at the rear of incubator. Allow enough tubing to submerge at the end of the water. Cut off any excess. If no water pan is used, run tubing to floor of cabinet and lay flat.
9. Check to see that Coda[®]2 Incubator Unit is properly positioned, then check all connections. If a water pan is used, check for “bubbling” in water supply. If no water pan is used or you do not desire to use one, please put the tubing in a temporary water source to “bubble”.

Installation of the Coda®2 Incubator Unit Without Passthru Device

We recommend that the Coda®2 Incubator Unit be installed on the top shelf of the incubator. This shelf should be clear of specimens and samples. Accordingly, decide on the position of the Coda®2 Incubator Unit and clear a path before the installation.

1. Remove the Coda®2 Incubator Unit from the box and check for all components. Be sure that you have accessory kit for installation.
2. Open the Coda®2 Incubator Unit and install a Coda® Filter.
3. Place Coda®2 Incubator Unit on the desired shelf.
4. Attach the 3' clear tubing provided to the “**AIR OUT**” port on Coda®2 Incubator Unit. **DO NOT** attach any tubing to the “**AIR IN**” port at the rear of Coda®2 Incubator Unit.
5. Run the power supply cord through the door opening, between the gasket and clear door. Run the cord above the hinge. The power cord will indent in the gasket and form a seal.
6. Run the clear tubing down to the water pan at the bottom of the cabinet. Allow enough tubing to submerge its end in the water. Cut off any excess tubing. If no water pan is used, run tubing to the floor of the cabinet and lay it flat.
7. Check to see that the Coda®2 Incubator Unit is properly positioned and check all connections. If a water pan is used, check for “bubbling” in the water supply. If no water pan is used or you do not desire to use a water pan, put the tubing into a temporary water source to “bubble”.

Filter Replacement

WARNING: Before removing the filter be sure the unit is removed from the incubator or environment and that the power source has been detached from the unit.

WARNING: Before attempting to remove the unit from the incubator be sure that the shelving is clear of any specimens and/or containers and that the path to remove the unit is unobstructed.

We recommend that the filter and the tubing be changed **EVERY 30 DAYS**. This will maintain peak performance and effectiveness of the system.

Replacing the Filter from a Coda[®]2 Incubator Unit

HINTS: Press the thumb button on the female end of the connectors to insure they are in the open position.

1. Be sure the path is unobstructed.
2. Remove the power supply from the Coda[®]2 Incubator Unit.
3. Remove the tubing attached to the “**AIR OUT**” port on the rear Passthu Device and remove this from the cabinet. The tubing will also be replaced along with the filter.
4. Remove the Coda[®]2 Incubator Unit from the cabinet.
5. Open the cover to the Coda[®]2 Incubator Unit and remove the filter by pressing down on the **RELEASE** button on the stainless steel connectors.
6. Replace with a manufacturers authorized replacement filter. Be sure that the filter “**CLICKS**” into place. Tug on the filter to be sure it is securely connected.
7. Reinstall the Coda[®] Unit inside the cabinet and attach new tubing to the “**AIR OUT**” port, and run into the water pan if used.
8. Reconnect power supply.
9. Check to see that the Coda[®]2 Incubator Unit is properly positioned. Check all connections. If a water pan is used check for “bubbling” in water pan.

Installation of the Passthru Device

WARNING: Before attempting to install this unit be sure that the shelving is clear of any specimens and/or containers and that the path to install is unobstructed.

The Passthru Device is designed to give you a controllable environment for use with Coda®2 Incubator Unit.

1. Remove all specimens or dishes from all shelves before beginning the installation.
2. Remove the Passthru Device from the carton and check for the proper pieces.
3. Remove the stopper or plugging device from the rear access hole of the chamber.
4. From the inside of the unit push the Passthru Device through the rear hole.
5. From the rear of cabinet, place the large nut onto the Passthru Device.
6. Hand tighten nut until the Passthru Device is secure.
7.
 - a. Two small ports on rear, outside of Passthru will be capped.
 - b. Power port will be the only one used.
 - c. On the outside; place silicone covers on all openings. Place power cord into slot and then push on the silicone cover.
8. If you are using additional probes or gas lines through the access port, call Customer Service for assistance.

Installation of the Coda® Inline® Filter

WARNING: Be sure the filter is installed in the correct direction and that the flow is towards the incubator and points away from the gas source. The male end on the filter will point to the incubator.

NOTE: The Coda Inline Filter should be installed as close to the incubator as possible.

1. Open the connector kit and check the components.
2. For maximum performance, please install one of the following inlines filters. The Coda® Inline Filter – Purple, Coda® Xtra Inline Filter – Blue or the Coda® Xtra Inline Filter – Green as close to the incubator as possible.
3. Be sure **HOSE CONNECTOR WITH BUTTON** is on the tubing side, towards the incubator.
4. The male connector on the Coda® Inline Filter will point towards the incubator.
5. Insert hose connector ends into the tubing, attach, and tighten clips on the tubing. Please make sure the fittings are tight and there is no gas or air leaks.
6. After installation, be sure the Coda® Inline Filter is installed in the proper direction as shown on label.

Maintenance

Filter Replacement

We recommend that the filter be changed **EVERY 30 DAYS**.

If the filters are not changed and the unit is not properly maintained, the warranty will be voided and any future repairs will not be covered under this warranty program or under the extended service program.

Tubing Changes

We recommend changing all tubing **EVERY 30 DAYS** along with the filter changes. Accordingly, we provide the replacement tubing as part of the filter kit.

Cleaning

We recommend that when you replace the filter, wipe the Coda® Unit with clear water using a soft cloth and then wipe dry.

Troubleshooting

If you are experiencing problems with the Coda® SP Incubator Unit, please contact LifeGlobal Group, LLC for warranty service.

LifeGlobal Group, LLC, 393 Soundview Rd, Guilford, CT 06437, USA
T: 1-800-720-6375 F: 1-519-826-6947 T: 001-519-826-5800
sales@LifeGlobal.com www.LifeGlobalGroup.com

Manufacturing Information

Manufactured By:

LifeGlobal Group, LLC, 393 Soundview Rd, Guilford, CT 06437, USA
T: 1-800-720-6375 F: 1-519-826-6947 T: 001-519-826-5800
sales@LifeGlobal.com www.LifeGlobalGroup.com

Authorized Representative:

LifeGlobal Europe, Rue de la Presse 4, 1000, Brussels Belgium
T: 32-2 227 1129 F: 32-2 218 3141

Warranty

LifeGlobal Group, LLC warrants this product to be free from defects in the workmanship and materials, under normal use and service, for a period of 1 year from the date of purchase. If at any time during this warranty period the product becomes defective or malfunctions LifeGlobal Group, LLC will replace it within a reasonable period of time.

If the product is defective please contact:

- a) the dealer from whom you purchased it, or
- b) LifeGlobal Group, LLC **Customer Service** at 1-800-720-6375, 001-519-826-5800, or email us at customerservice@LifeGlobal.com.
- c) Package the defective product, power supply, and other components with proof of purchase and ship it, prepaid to the following address: LifeGlobal Group, LLC, 393 Soundview Road, Department of Returned Goods, Guilford, CT 06437, USA.

This warranty shall not apply if it is shown by LifeGlobal Group, LLC that the defect or malfunction was caused by damage, due to negligence, while the product was in the possession of the consumer.

Only purchase Coda® Filters direct or from a representative to ensure performance and to maintain all your warranties and to know that you are benefiting from the most advanced technology in the market today.

The unit and filters are warranted for a period of one week for shipping and handling damage. If a proper report is not made within this period the damage will not be covered by the company and is now the responsibility of the consumer.

IMPORTANT: LifeGlobal Group, LLC's sole responsibility is to repair or replace the product within the terms of this warranty. LifeGlobal Group, LLC SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESSED OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. THE WARRANTIES SET FORTH HEREIN ARE EXCLUSIVE AND LifeGlobal Group, LLC EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, WORKMANSHIP OR FITNESS FOR A PARTICULAR PURPOSE.

If you have any questions concerning this warranty, please contact our **Customer Service** Department at 1-800-720-6375, 001-519-826-5800, e-mail: customerservice@LifeGlobal.com, or write to Customer Service Department at LifeGlobal Group, LLC, 393 Soundview Road, Guilford, CT 06437, USA.

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