

The First Magazine In Fertility™

FERTILITY Magazine



Coda® – the unsung hero ...the only Proven Safety Device for IVF lab

Over the years the Coda® air purification system has worked hard to keep your IVF laboratory safe from harmful environmental contaminants. Through the years we have been called on to resolve several crises and have been able to help each time. Several clinics have been endangered by brushfires, construction damage, and toxic spills. Having the Coda® products in place has helped to protect these IVF labs and can help to protect you.

BRUSHFIRES ENGULF THE FLORIDA EAST COAST THREATEN HOSPITAL

North Miami, Fla. (FW) -- A portion of Interstate 95 remained closed Monday morning as brushfires whipped through thousands of acres and forced about 1,000 people to evacuate their homes, authorities said. The wind blown fire and smoke engulfed neighborhoods and threatened the local hospital.

The IVF Team of the hospital was put on 'red' alert. The staff raced to the hospital, preparing to evacuate the embryos and the contents of the incubators. The hospital was engulfed in faint smog of smoke and a smell of the brushfire. They prepared and braced for the worst.

As the IVF Team entered the IVF laboratory, they were surprised and relieved to find that the air in the IVF laboratory was clean and clear, and that their specimens were safe and protected. They did not have to move the embryos.



Fact: Inside this lab were two Coda Towers® and the incubators were equipped with Coda® Units. The Team was able to relax, knowing that their embryos were safe and out of harms way. This showed the Coda Towers® to be a powerful 'support' system.

Note: Centralized systems have trouble filtering large amounts of environmental fumes such as smoke. Most systems do not contain sufficient HEPA filtration or carbon. The smoke may eventually overcome the system and enter the clinic, introducing contaminants into the lab and other rooms.

The Coda system has the 'air power' to fully circulate the air in your lab in minutes, and the 'filter power' and enough HEPA filter to work for hours, clearing the air.

Easy change-out of all filters gives you the added protection you need, and speeds your recovery time.



LARGE NEW YORK IVF CLINIC UNDER CONSTRUCTION

In anticipation of construction, a large New York IVF clinic installed several partition doors between the new laboratory construction and their current lab.

They then installed several Coda Towers® between their lab and the construction, in the halls, and in every lab. They maintained a strict regimen of replacing Coda® filters, preserving the air quality in the laboratory and operational rooms. The air of the lab was preserved and actually improved.

The Coda Towers® protected the labs from the millions of small particles which are not caught with the central HVAC systems.

The older lab was preserved during all of the construction and the specimen were protected. When the lab was opened, the same Towers and incubator units were arranged to protect them for the past 8 plus years.

The Coda® HEPA, rated at 99.997% will capture and remove the majority of contaminants and particulates from the air in, and around, your laboratory.

Coda® Incubator Units will protect the interior of the incubators from any particulates and contaminants.



Note: Whenever there is any type of construction within the building or on the property, micro particles of debris permeate the entire building as well as your IVF lab. The construction creates excessive amounts of contaminants and most system just can not keep up. The continual filtration of the Coda System, helps stop this. Unseen particulates, contaminates and particulates will be captured in the Coda 4-stage filters system.

If you are planning construction, you should plan on using Coda Towers or Low-boys to help you get through these hard times. They can then be used for continual filtering your air, maintaining your air.

YOU MAY SUFFER A TOXIN SPILL...

Over the past several years, several clinics have reported toxic spills occurring in their laboratory or adjacent rooms that share a common air system. Several clinics have experienced a reduction in performance as a result of this.

Most IVF laboratories would not be able to withstand a toxic spill. Most systems become quickly compromised when they are faced with very high levels of toxins, and quickly become saturated. Because they are only able to filter the air once, they are unable to absorb all of the toxins. Even the filters in dedicated air systems are not adequate to deal with toxic spills.

Several clinics on the other hand have been able to maintain air quality during these hard times and been able to use the Coda Tower® and air system to speed the recovery of the environment.



Note: The average filter system is not able to absorb all the contaminants from a toxic spill.

Most will not even work long enough to allow you to time to react to the spill. When a spill occurs, the level of toxins overcomes the filters as well as the duct work system of the building. The smaller filters will begin to release the contaminants that they had absorbed earlier. This means that the filter will begin to shed the chemicals it had caught earlier into your environment. The central system may also become compromised and is 'passing through' the gases and not catching any. Your filters will basically stop working. Coda® Canister, the only 'canister style' filter for IVF, is packed with activated carbon and potassium permanganate and can absorb 50-fold more VOCs and CACs than most smaller units.

The Coda® Canister filter will absorb 5 to 10 times longer than smaller units that typically last only 2 hours. If this does occur, by installing new filters, it will allow the entire room to quickly recover, while a central system may take days. A central system is not actively capturing the toxins in the room, but only pushing through air.