



We're Bringing Fresh Air To More Funeral Homes



THE PROBLEM

OSHA STANDARD 1910-1048 STATES:

Permissible Exposure Limit

The employer shall assure that no employee is exposed to an airborne concentration of formaldehyde which exceeds 0.75 parts formaldehyde per million parts of air as an 8 hour time-weighted average.

The employer shall assure that no employee is exposed to an airborne concentration of formaldehyde which exceeds two parts formaldehyde per million parts of air as a 15 minute short term exposure limit.

OSHA regularly conducts random checks to monitor chemical levels in funeral homes.

Perception of formaldehyde by odor and eye irritation becomes less sensitive with time and greater potential for overexposure occurs.

Problems Caused By Formaldehyde

Side effects at 0.5 to 2.0 ppm:

- irritation of the upper respiratory tract including the eyes, nose and throat

Skin contact with formalin causes:

- cracking, discoloration, smarting, drying and scaling

Side effects at 10 to 20 ppm:

- difficulty in breathing, burning of the nose and throat and heavy tearing of the eyes

Overexposure:

- respiratory cancer and death



You can't mask the odor of formaldehyde, you must eliminate it!

THE SOLUTION!

PrepAir Environmental Control Modules are the first fully integrated HVAC systems that have been designed specifically to produce the conditions necessary to meet OSHA specifications in preparation rooms used in the funeral industry. The unique heat recovery module minimizes operation cost and maximizes personal comfort. A variety of options such as cooling, frost control, electrical or hot water heating and remote controls are available to meet your design requirements.



PrepAir600w

Unit Name	Dimensions	Airflow	# of Tables
PrepAir600w (high speed)	21" x 32" x 94"	300-600 cfm	1
PrepAir600i	28" x 34" x 25"	300-750 cfm	1
PrepAir1200i	41" x 34" x 25"	700-1250 cfm	2
PrepAir2000i	49" x 91" x 30"	1200-2800 cfm	3



PrepAir600i

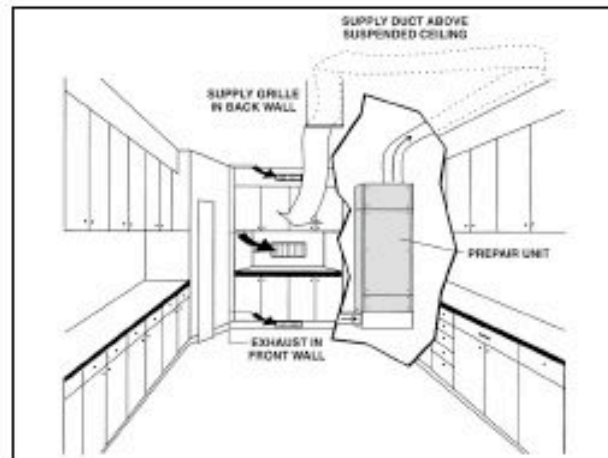
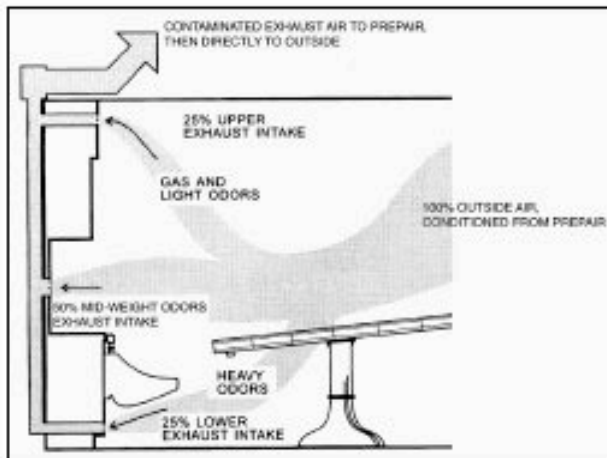


PrepAir1200i



PrepAir2000i

How it works:



Typical Preparation Room Layout



YOUR PEACE OF MIND!

What PrepAir Customers Are Saying...

After 71 years in the same location, Mike Sayles knew it was time for a change. The existing facility was in need of renewal. In September 1996, the new Carlso-Holmquist-Sayles Funeral Home in Joliet, Illinois designed by J. Stuart Todd Inc., Architects of Dallas, TX opened for business. The two table preproom is a state of the art facility utilizing the PrepAir600w to ensure excellent air quality and comfort control for the embalmer. The unit exhausts contaminated air, supplies fresh air, exchanges heat energy, heats and cools room air to ensure comfort.

"This unit provides the best working conditions I have ever experienced. This is the only preparation room where I can breathe with comfort."

**Mike Sayles, Funeral Director
Carlso-Holmquist-Sayles Funeral Home
Joliet, Illinois**



"I want to let you know that our PrepAir unit has done an outstanding job in providing us with the air quality we wanted in our new preparation room.

I have waited several years to build a new preparation room because I could not find an HVAC system to meet my needs. In December of 1996 we installed a PrepAir unit in our new preparation room. We noticed a remarkable difference in air quality from the first time we used the unit. Our staff now works in a noticeably fresh environment, free from the odors that are common to our business.

Since our Arrangement Office and Selection Room are next to the preproom, it was imperative that odors not seep into other areas of the building. The PrepAir unit takes care of that with no problem.

The 'PrepAir by Venmar' is a cost-effective solution to preparation room ventilation problems. We are delighted with the ease in which our staff can operate the unit."

**Larry S. Ball, Vice President
J. Homer Ball Funeral Home, Inc.
Canastota, NY**

**For more information, contact:
Duncan Stuart Todd, Ltd.**

P.O. Box 3578
Boulder CO 80307

Phone 720.583.1886
Fax 877.507.5560

Email info@duncanstuarttodd.com
Web www.duncanstuarttodd.com