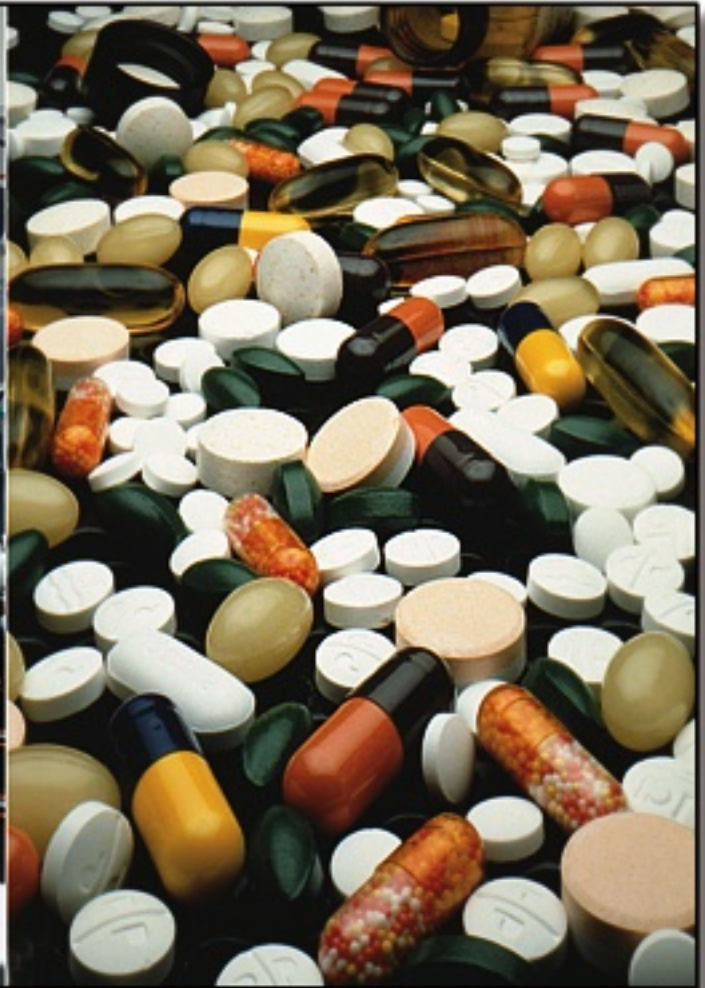


HVAC Solutions for the

# Food and Pharmaceutical Industries



...from **Rapid Engineering, Inc.**

The leading provider of innovative air management systems



**Rapid** Air Management Systems  
Industrial Finishing Systems  
An Employee Owned Company 1100 Seven Mile Rd. · Comstock Park, MI 49321

# RAPID's Critical-process HVAC System

Designed to meet the needs of the food and pharmaceutical industries

## Superior construction

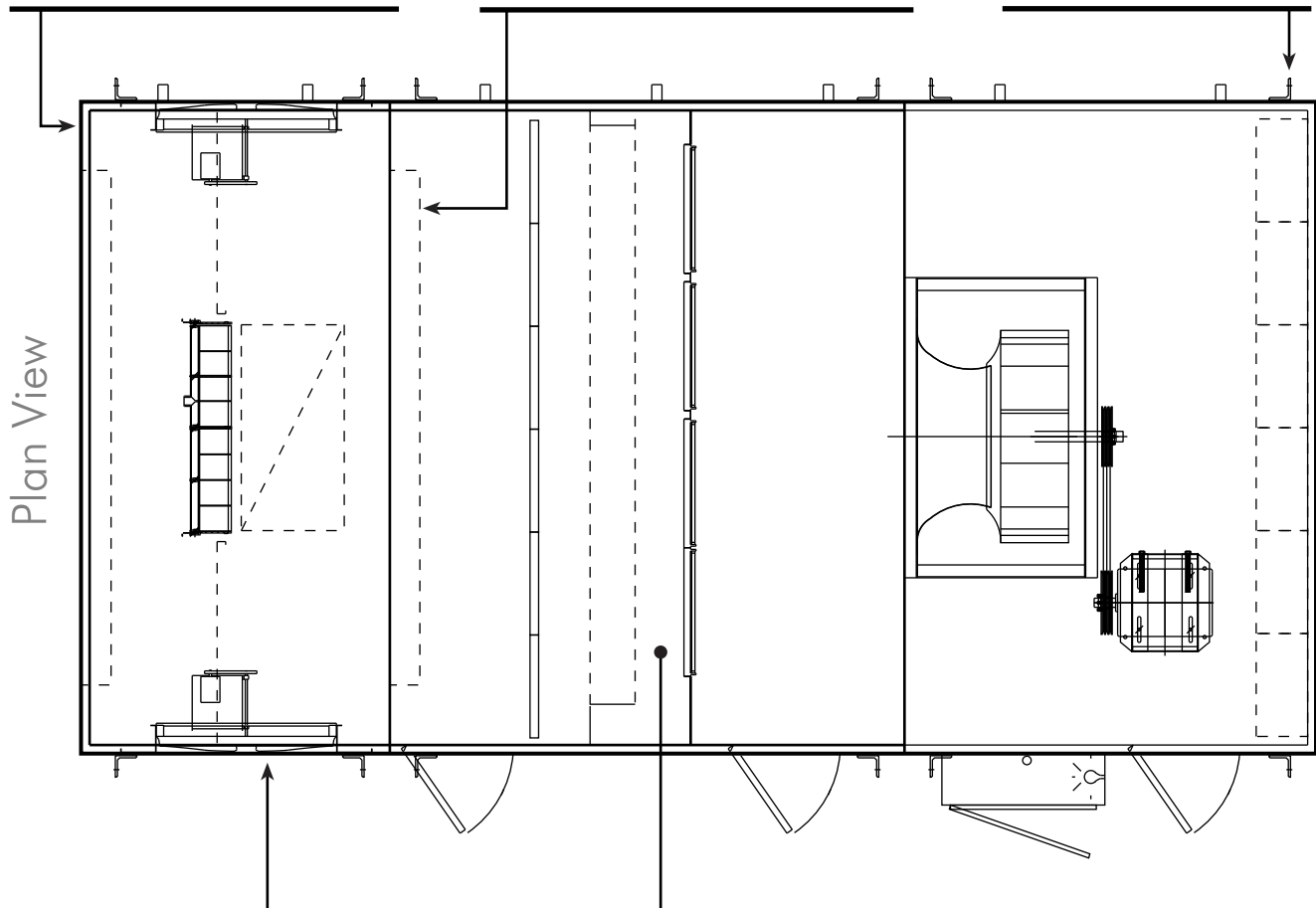
Rigid structural base and frame with double-wall construction. Available in galvanized, aluminum or stainless steel.

## Pre-filters & final filters

RAPID can provide media types, efficiencies and depths to meet your requirements. Bag, cartridge and HEPA filters are all available.

## Lifting lugs

Sturdy lifting lugs at the base of the unit are standard for each section.



## Damper options

Rigid parallel or opposed blade dampers with direct-coupled actuators, interlocking blade edges and full-length blade stops are standard. Optional low-leakage construction is available.

## Cooling options

RAPID offers a wide variety of coil and refrigerant types, with sloped stainless steel drain and intermediate pans. UVC emitters eliminate biofilm and maintain the coils in "as new" condition.

RAPID can provide these optional third-party listings:  
**ETL** listing for gas heating and **UL** listing for control panels.

## Burners and gas trains

Options include gas direct- or indirect-fired burners as well as steam or hot water coils. Gas trains strictly conform to FM, IRI and customer specifications.

## Wash down & wipe down

The entire unit is designed to meet rigorous sanitary requirements and to provide trouble-free operation for low-temperature environments.

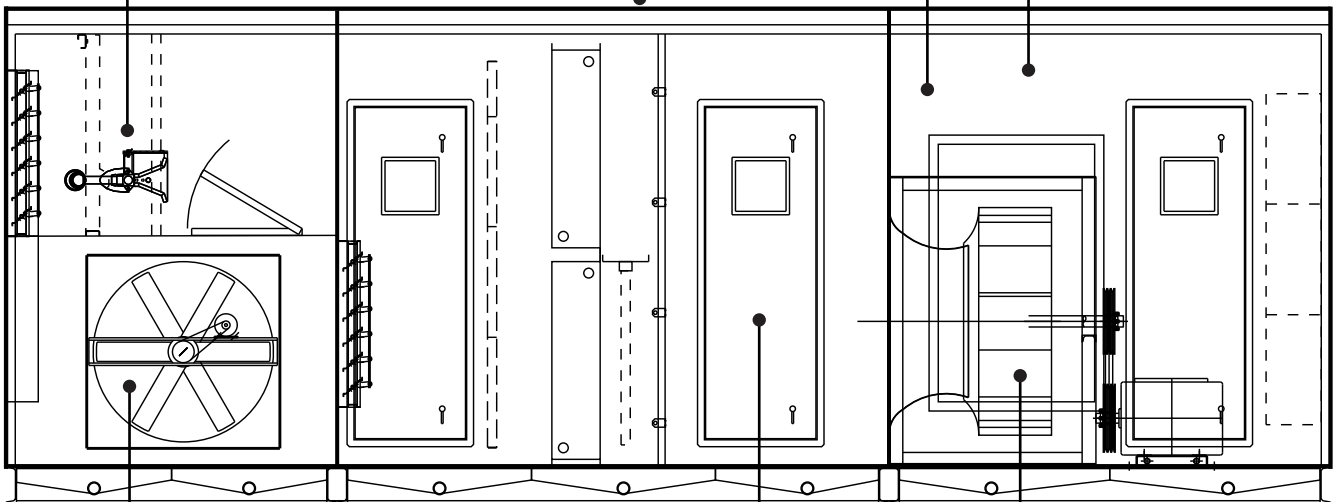
### Mounting

RAPID's equipment is designed and fully tested for easy roof, grade or truss mounting. Factory inspections by customers are welcomed.

### Lighting

Flourescent lighting is standard. Custom options are available.

Elevation View



### Relief fans

Pressure control of critical spaces is made easier by integral relief fans operating in concert with mixing dampers

### Insulated access door

The insulated access door's wire-mesh, double-pane window features weatherproof and waterproof construction.

### Fans and accessories

A variety of fan types and classes are available. Fans are rated for top performance and dynamically balanced at our factory. Accessories include inertia bases and high-efficiency isolators.

## Designed for efficient maintenance

RAPID has designed all maintenance components to be easily accessible through full-size access doors which are insulated and weatherproofed. In addition, access doors can be keyed to each customer's master system. Well-lit interiors also aid in service operations. Optional equipment includes special-duty motors and equipment-removal hoists & trolleys.

## Custom capabilities

To meet your exact specifications, RAPID offers HVAC systems with a wide range of custom features, including humidification, reheat, heat recovery, evaporative cooling, seismic restraints, vibration isolators and more. Please ask for details.



# Quality Components

RAPID uses only the highest quality components in all of its HVAC systems



## Fan wheels

RAPID provides single-width airfoil fans with 100K-hour, ABMA L-10 bearings for quiet, efficient air delivery. Vane or tube axial fans also are available.



## Specialized controls

RAPID offers control options ranging from conventional electro-mechanical to direct digital controls as well as PLC-based controls. An additional option includes a complete graphical interface.

All electrical components and wiring are designed, built and labeled in accordance with rigorous NFPA as well as customer-specified standards.



## High-efficiency filters

RAPID systems can be fitted with your choice of filters in bag, cartridge or HEPA configurations, each of which provides you with a wide range of filtering efficiencies.

# Over 40 Years of Experience

HVAC solutions from the pioneers of direct-fired, positive building pressurization

## The leader in innovation

Over 40 years of experience has established RAPID as the leading provider of innovative air management systems for heating, cooling and ventilating.

Some of RAPID's innovations include:

- direct-fired heating,
- positive building pressurization,
- ductless air distribution and
- the easiest-to-use DDC facility management system available today.

Our engineers are constantly searching for new and improved ways to meet your air management needs.

## Committed to excellence

At RAPID, we build every product with an attention to detail and a level of craftsmanship that can only come from an employee-owned company. Our team approach is reflected in our corporate motto: *Together we get the job done.*



An Employee Owned Company

## With benefits for all

RAPID's constant supply of tempered fresh air dilutes and flushes airborne contaminants from your building, while our positive air pressure helps your production processes run more efficiently and cleanly.

See us for a long list of customers who are well pleased with RAPID's quality products and attentive pre-sale and post-sale support.

**800-536-3461 • [www.rapidengineering.com](http://www.rapidengineering.com)**

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