



# Commercial & Industrial Cooling Solutions

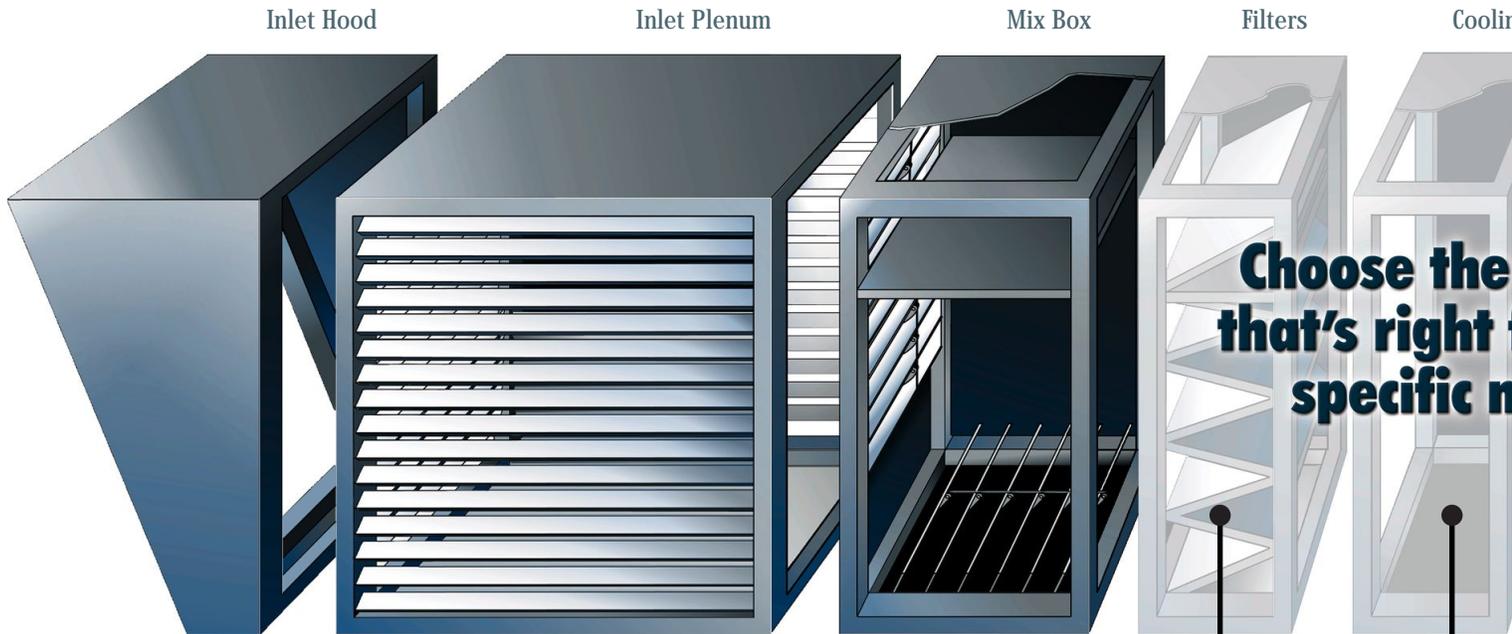


**No matter how blistering hot  
it gets outdoors...**

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

# ...RAPID puts you in complete control

Whether you need to cool down to 70° or to only 90°, RAPID gives you the flexibility to choose the right cooling option for your specific needs.



## Choose from these filter options:

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

## Choose from a wide range of cooling options:

More and more facilities which have traditionally only used heating and ventilation are now adding cooling or “air tempering” systems. The reasons vary from improved product quality to better production efficiency to higher employee retention. But whatever **your** reason, RAPID can provide a cooling option that meets your specific needs. Our cooling sections are designed for long life, uniform air flow and excellent coil maintenance accessibility.

### Evaporative Cooling

Used by ancient civilizations and improved upon through the use of modern technology, even Midwestern and Southern locales can effectively utilize this low-cost approach to reducing temperatures in intolerable work environments.

### Mechanical Cooling

**DX Coils:** Direct expansion cooling is the favorite for systems up to 100-150 tons. Choose row quantity, fin spacing, circuiting and refrigerant to meet your exact needs. For precise humidity control, consider adding a hot-gas reheat coil.

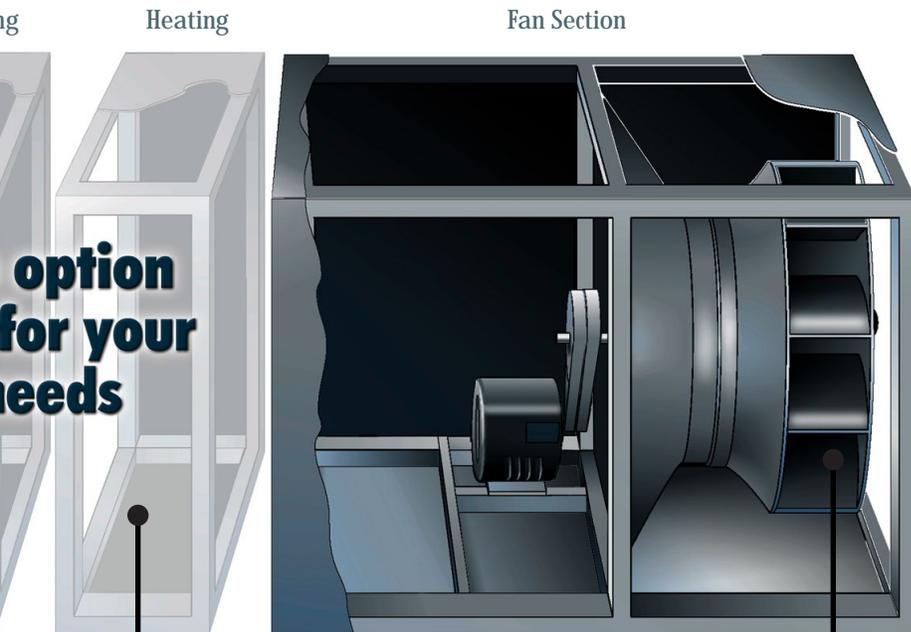
**Chilled Water:** A chiller’s excellent efficiency and centralized maintenance are ideal for large-tonnage systems. Select from a range of high-quality coils and specialized materials.

**Ammonia:** Select hot-dip galvanized, wide fin spacing, auto defrost and many other options in ammonia cooling, long a favorite in the food and beverage industries.

**Ground Water:** This is the clear winner for simplicity and cost effectiveness. Coil options are similar to chilled water, but are “tuned” for slightly higher water temperatures.

# Control of your indoor environment!

gives you the kind of control Mother Nature could only hope for.



option  
for your  
needs

## Choose from these heating options:

In those areas where heating is required, RAPID can provide electric, hot water or steam coils as well as ETL-listed direct-fired or indirect-fired gas heat. With temperature rises of up to 120° F, you're assured of the heating capacity you need for even the coldest climates.

## Choose from many fan options:

RAPID uses a wide variety of high-quality single-width and double-width fans to cool and heat your building efficiently. Using your criteria for efficiency, sound power, capacity and static pressure, we can provide you with exactly the right fan for your specific application.

## Add a variable speed drive (VSD):

Most facilities only need a fraction of their maximum cooling capacity at any given time. RAPID's VSD option matches fan speed to your actual heating-load or cooling-load needs, thereby reducing your energy costs and maximizing your operating efficiency.



## Specialized controls

RAPID offers everything from conventional electro-mechanical to DDC or PLC-based controls. Each can operate either standalone or as part of a larger standard protocol system (such as BACNET). Don't settle for complicated, difficult-to-maintain controls that just add headaches to your facility operations. Instead, take advantage of our long experience in delivering controls that are both easy to use and easy to maintain.

## Control air distribution

RAPID's unique pressurization concept enables air-distribution options ranging from sheetmetal or UL-listed fabric duct systems to a completely ductless system. Whether you need general, zone or spot cooling, we can help you select the most cost-effective approach.

## Control humidification

If you need to **limit humidification** in your facility, we offer several reheat options. If you need to **add humidity**, we can help you select a steam, gas or evaporative option that will meet your exact needs.



## Our Customers Know Us Best

Here is what one of our customers has to say about RAPID's cooling capabilities

*"When we expanded our manufacturing capacity by 150,000 square feet, we faced some complex heating and cooling problems. We needed dependable and economical heating, cooling and ventilation – and we wanted it all in one package. We chose a Rapid system because of its multi-circuited DX cooling coils, and because it offered us optimum control of air distribution through positive pressurization. Best of all, it helps us maintain a comfortable and productive work environment for our employees."*

Wayne Rossi, Plant Manager  
Playtex Products (Dover, Delaware)

### A few of our satisfied cooling customers

- Benteler Corp.
- Bristol Meyers Squibb
- Chicago Area Transit Auth.
- Con-Agra
- Federal Mogul
- Ford Motor Company
- Frito Lay
- General Dynamics
- Gibson Guitar
- Greyhound
- Hunt Wesson
- Industrial Castings
- Iowa Beef
- Mazda
- Playtex
- Polk Audio
- Sauder Woodworking
- University of Nevada
- Weyerhaeuser
- Wolverine Worldwide

## RAPID Offers 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 large, open, industrial facilities.

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.*

### 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.

Employees will enjoy the comfort of working in an environment with constant temperatures throughout the facility, one in which there is virtually no costly heat stratification.

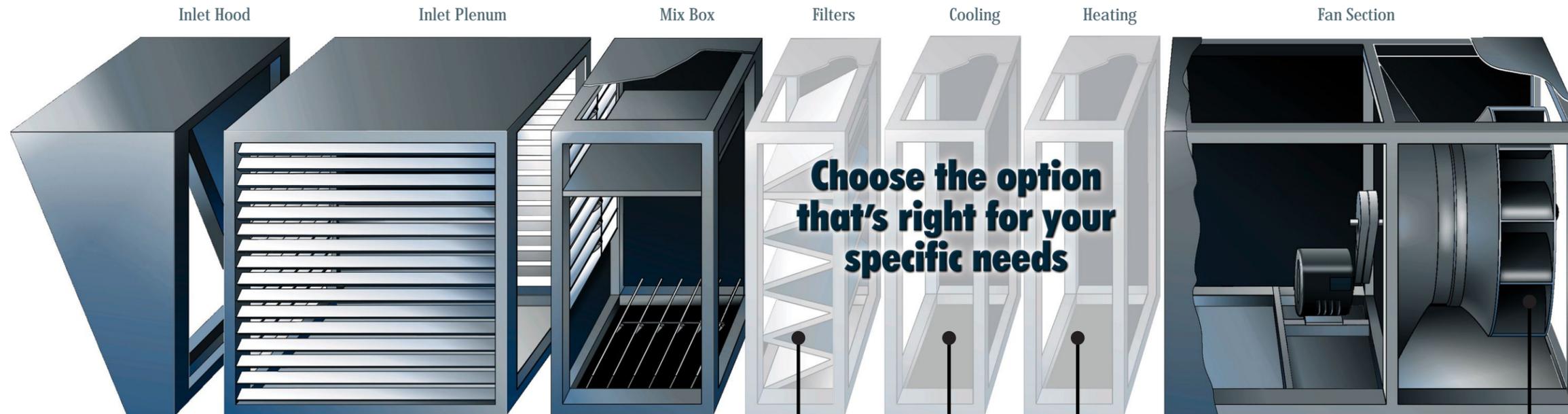
See us for an additional list of cooling customers who are well pleased with RAPID's quality products and attentive pre-sale and post-sale support.

Rapid Engineering, Inc. • 800-536-3461 • [www.rapidengineering.com](http://www.rapidengineering.com)

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