DRYING SYSTEMS Inc.

ENGINEERS

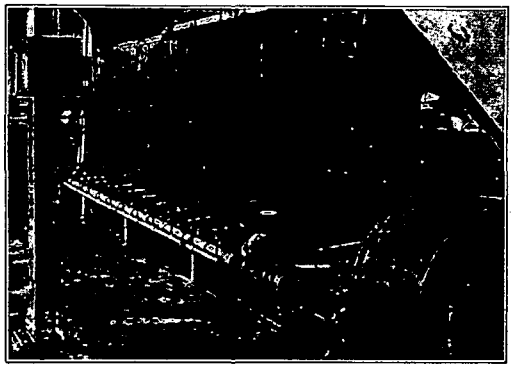
1800 Foster Avenue

CHICAGO-ILL.

Air Conditioning, Varnish Drying, High Temperature Baking, Heat Treating and Heating Equipment.

WHILE the designing, manufacture and installation of drying systems is an essential part of our business, we should first be considered as engineers—specialists in problems involving drying, high temperature baking, processing, ventilating and air conditioning.

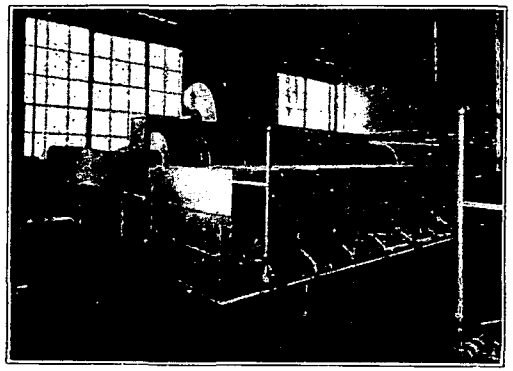
The accompanying photographs illustrate two types of Drying Systems, Inc., high temperature equipment which deliver air at temperatures ranging from 250 deg. to 700 deg. fahr. An air washer, or Automatic Filter, is usually installed in connection with these heaters. This equipment, built in unit sections, is exceptionally economical, as well as entirely safe. It is being successfully applied for drying and baking decorative finishes in many diversified industries and for the processing of a number of different materials.



The Lawrence Heater

We manufacture an Induced Draft Heater, in which the working air is mixed with the products of combustion. This equipment is particularly adaptable for drying articles which are finished with a preservative coating, and for the drying of such materials as abrasives, insulating products and foundry cores.

Practically every drying or heating installation presents new conditions and different engineering problems. Our staff of experienced engineers, specialists in Air Conditioning, is available to analyze your individual requirements —without obligation. We invite correspondence and requests for literature covering any particular problem.



The Allosteel Heater

The utilization of waste heat is a highly developed practice offering many opportunities for scientific waste heat equipment. Some unusual and very satisfactory installations of this equipment have been made in a number of different industries, practically eliminating hitherto material operating costs. Wherever hot, effluent gases are available, great economies can be effected by conserving this heat. In many cases such heat can be used advantageously for drying, baking and space heating, since the effluent gases are not mixed with the delivered air.

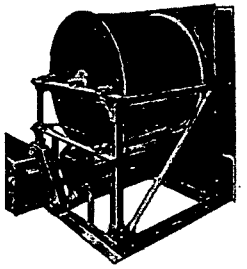


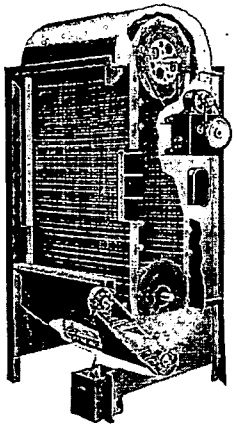
Typical Installation of Automatic Air Conditioning Equipment in Modern Bakery

AIR CONDITIONING

By arrangement with the American Blower Company, manufacturers of Sirocco Equipment, and through the acquisition of a staff of specialists in this work, we are prepared to offer Air Conditioning Service in all its branches. Special installations for paper mills, bakeries, candy factories, public and manufacturing buildings have been conspicuously successful. Bulletins and information covering this subject will be forwarded on request. A consultation with our air conditioning specialists places you under no obligation.

National ***Rotary*** *Air Filter*





Phoenix ***Constant-Effect*** *Air Filter*

The Phoenix *Constant-Effect* and the National *Rotary* Air Filters are advanced types of viscous film filters applicable for any service wherein clean air is required. These filters are automatic and comprise four important exclusive features, namely:

Unvarying Cleaning Efficiency
Constant Resistance
Self Cleaning
Minimum Operating Cost

Both Air Filters are built in sizes which are readily adaptable to any requirements —they are furnished in units, which range in capacity from 2,000 to 50,000 c.f.m. For larger air capacities, filters of multiple units can be furnished. Bulletins covering this subject thoroughly and illustrating sizes and installations, will be sent upon request.