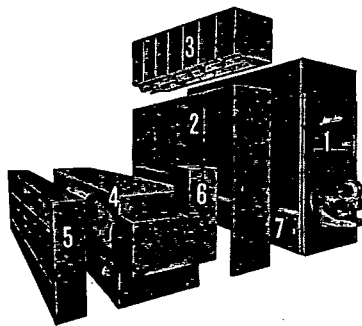


AMERICAN FOUNDRY and FURNACE COMPANY

Bloomington, Illinois

THE COMPLETE LINE IN WARM AIR HEATING—
ALL CAST IRON CONSTRUCTION FURNACES

The New *June-Aire*® Optional Unit Construction. . . The system that does not rely on excess outside air for temperature control . . . thus is inherently more economical



"June-Aire" assemblies offer heating capacities from 222,000 to 3,420,000 btu per hour output and standard air flow from 2600 to 45,300 cfm.

SYSTEM DESCRIPTION

A complete pre-engineered unit combining heating—ventilating—humidifying, providing for convenient addition of summer cooling and dehumidifying. Made up of the following components:

1. "June-Aire" Furnace Unit designed to accommodate all burner models.
2. By-pass unit with clearances for cooling coil.
3. Mixing damper unit.
4. Blower Unit.
5. Filter unit—Permanent or throw-away filters.
6. Control panel, pre-wired.
7. Humidifier.

AFFCO
Air Handling
PRODUCTS

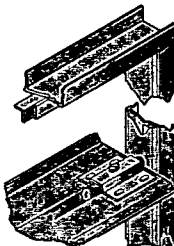
DAMPERS / LOUVERS / FIRE DAMPERS / SHUTTERS

Adaptable to Manual, Pneumatic or Electric Control . . .

Available In Any Size and Any Material

NEW DEVELOPMENTS

Increasing demands by Engineers for improved methods of controlling air volume plus the recent advancements by the pneumatic, electric and electronic control manufacturers has led us to some outstanding advances in damper design. Of particular interest is our new method of sealing dampers to minimize leakage and our new Gear-Link damper which permits opposed rotation of only 2° wide blades.



U/L Inspected Fire Damper

The U/L label on fire dampers covers the design, construction, and automatic mechanism and further indicates they have been constructed under U/L supervision to exactly match models tested in their laboratory.

AFFCO Model FR647 Dampers so labeled are available for protection of ducts passing through fire walls and for use in branch ducts as prescribed by NBFU.

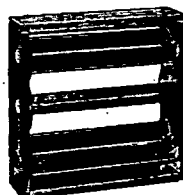
AFFCO Model LFS Underwriters Laboratories' labeled fire damper now available for maximum fire hazard application.

Specification of labeled fire dampers is your assurance of a proven design and factory inspected construction.

Tight Closing Damper

A well designed factory built damper provides minimum clearance between the ends of blades and damper frame. Dampers of lesser quality have greater clearances. Whatever the clearance, it amounts to a crack through which air can leak by reason of the air pressure bearing on the damper when the blades are closed.

Where tight shut-off is required, such as on multi-zone unit dampers, face and by-pass and fresh air dampers, a means for preventing excessive leakage is much to be desired. Affco originated BLADE END SEALS are positive, permanent, effective and are suitable for temperature ranges from minus 30° to plus 300° F.



Gear-Link Damper

Specifications

Frames—3" x 1/4" x .094 Extruded Aluminum Channel.

Blades—2 1/2" wide Extruded Aluminum, airfoil shape.

Linkage—Cycloac gears and shafts.

Seals—Neoprene stripping along blade edges—optional where required for maximum shut-off.

A PROVEN METHOD OF

AUTOMATIC WATER TREATMENT

CHEMICATOR®...

a totally new concept for automatically feeding chemicals into cooling towers and evaporative condensers for the prevention of scale and corrosion. Chemicator will economically provide the proper chemical feed for any system from 10 to 300 tons.

CHEMICATOR provides a complete 4-POINT program to solve difficult water conditioning problems.

- 1. PROJECT ESTIMATE** — A complete estimate is given for either existing equipment or on-the-board planning of any size. With careful attention to basic requirements, to produce the best results at the lowest possible cost.
- 2. RECOMMENDATIONS** for the correct treatment are made by the local distributor, based upon analysis of the make-up water. Unusual water conditions may require our laboratory analysis.
- 3. PLANT INSPECTION** — Plant layout and operating conditions are closely surveyed before making recommendations.
- 4. INSTALLATION & CONTROL** — Chemicator distributors supervise each new installation to make sure of maximum performance. Periodic checks are made on water treatment results.

THE ERLN PRODUCTS COMPANY also provides complete water treatment service to cover closed systems, and automatic feed equipment for large towers and boilers of any size.

• Write today for free illustrated brochure.

CHEMICATOR USAGE CHART

OTHER ERLN PRODUCTS INCLUDE:

- Sta-Nu Water Treatment
- Sta-Nu Algaecides
- All-Met Descaler
- Koolsoil Degreaser
- Kleen-Koil

TONNAGE	NO. OF CHEMICATORS	REFILL TUBE LASTS: @ HOURS OF USAGE PER DAY		
		8 HRS.	12 HRS.	24 HRS.
10	1	210 days	140 days	70 days
15	1	180 days	120 days	60 days
20	1	120 days	80 days	40 days
30	1	90 days	60 days	30 days
40	1	72 days	48 days	24 days
50	1	62 days	42 days	21 days
60	1	51 days	34 days	17 days
80	1	42 days	28 days	14 days
100	1	30 days	20 days	10 days
125	1	24 days	16 days	8 days
125	2	48 days	32 days	16 days
150	1	21 days	14 days	7 days
150	2	42 days	28 days	14 days
200	1	18 days	12 days	6 days
200	2	36 days	24 days	12 days
200	3	54 days	36 days	18 days
300	2	24 days	16 days	8 days
300	4	48 days	32 days	16 days

This chart lists the approximate usage of Chemicator Refill Tubes on various size systems.

CHEMICATOR IS NATIONALLY DISTRIBUTED throughout the United States and in many foreign countries. Write the Erlan Products Company for the local distributor in your area.

CHEMICATOR® DIVISION
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