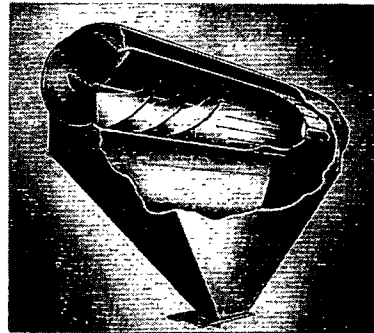


THE FLY ASH ARRESTOR CORPORATION

P.O. Box 1883 BIRMINGHAM ALABAMA Phone 54-6676



FLY ASH ARRESTORS AND INDUCED DRAFT FANS

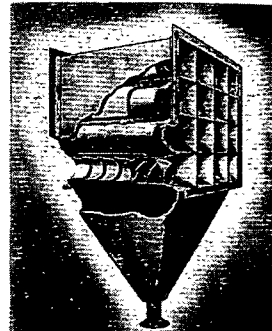


DOMESTIC FLY ASH ARRESTORS

The "Whirlex" domestic fly ash arrestor is designed to eliminate the fly ash nuisance where solid fuel is burned. It can be fitted to 8, 9, and 10 in. smoke pipes and consists of a multiple leaf helicoid within a slotted jacket which is enclosed in an outer casing fitted with a hopper. A slide gate is provided on the hopper for removal of the accumulated fly ash. The draft loss is low enough to allow installation in one-story dwellings.

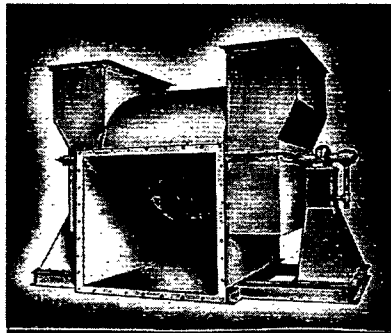
MULTIPLE TUBE FLY ASH ARRESTORS

Where high collection efficiency is required, the multiple tube fly ash arrestor is furnished in either angle or horizontal designs, providing a compact installation adaptable to the most difficult space requirements. The collector illustrated is a single stage unit. Where extra clean exit gas is required, two stages are usually furnished. The second stage is identical to the first except that the streamlined transition intake is omitted. Construction is all welded and elements are fabricated of 10 and 11 gage steel. The casing and hoppers are fabricated of $\frac{3}{8}$ in. steel, properly flanged for easy field assembly. This design is for commercial and industrial applications.



INDUCED DRAFT FANS

Fly Ash Arrestor Corporation induced draft fans are of extra heavy all steel, welded construction. They are designed for dependable service under the most severe operating conditions. Although these fans are standard as to general design, they are custom built to suit the requirements of each installation and are available in single and double widths. Standard construction provides a water or air cooled shaft with anti-friction bearings, but fans can be furnished with solid shafts and self-aligning water jacketed sleeve bearings.

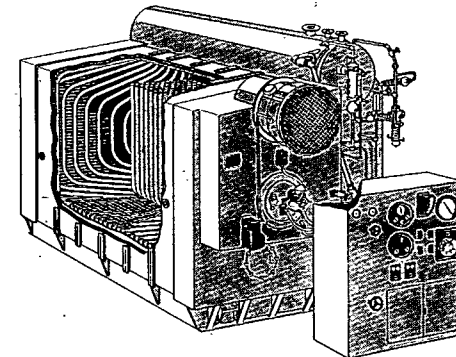


The Babcock & Wilcox Co.

85 Liberty Street, New York 6, N. Y.

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Water-tube Boilers for Stationary Power Plants, and Marine Services... Superheaters... Economizers... Air Heaters... Pulverized Coal Equipment... Chain Grate Stokers... Oil, Gas, and Multifuel Burners... Seamless and Welded Tubing and Piping... Refractories... Process Equipment.



NEW INTEGRAL FURNACE BOILER, TYPE FM Complete Shop-Assembled Steam Plant

Introduced in 1950, this new design combines inherent advantages of the "packaged" steam-plant with the economy and dependability of B&W's larger Integral-Furnace water-tube units, already serving more than a million pounds per hour of combined steam capacity.

Steam-generating range is from 3 to 35 thousand pounds per hour at pressures to 250 psi. The unit is expressly designed for the small and medium building or plant faced with problems of skilled

operating labor, excessive fuel consumption, and costly maintenance. Even large operators may find their steam-load characteristics better suited to a battery of the smaller, packaged units than to a tailor-made installation of the same aggregate capacity.

The Type FM boiler is unusually sensitive to load changes; it is fast-steaming, and features automatic push-button operation with special provisions for safety.