

McDonnell & Miller Boiler Feeders

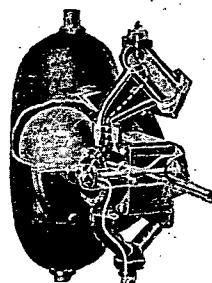
"Doing one thing well"

General Offices: Wrigley Bldg., Chicago



Grand Central Terminal, New York

PRODUCTS—McDonnell & Miller No. 28 Self-Cleaning Duplex Boiler Feeders. McDonnell No. 29 Single Valve Self-Cleaning Boiler Feeders. McDonnell No. 30 Safety Feeders for small boilers.



For Medium and Large Boilers
The McDonnell & Miller
No. 28
Self-Cleaning Duplex Feeder

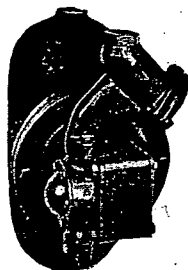
McDonnell & Miller No. 28 Self-Cleaning Duplex Feeder—Used on low-pressure boilers requiring protection against flooding as well as low water. It prevents flooding by draining off surplus. It also maintains the boiler water line above the danger point by supplying make-up water as needed. The entire amount of feed-water for any boiler up to 20,000 ft. can be supplied by the McDonnell Self-Cleaning Duplex Feeder at 30 lb. differential water pressure.

Typical Specifications McDonnell & Miller No. 28 Self-Cleaning Duplex Boiler Feeders—Furnish and install on each (low-pressure heating) boiler, one McDonnell & Miller No. 28 Self-Cleaning Rotary Valve Duplex Boiler Feeder.

Rotary Valves to be adjustable to provide for a differential of from 1 to 5 in. between feed and overflow levels.

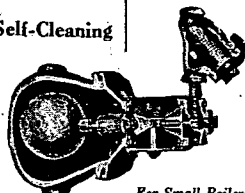
Installation to be made in accordance with diagrams and detailed instruction sheet furnished by the manufacturers.

McDonnell Single Valve Self-Cleaning Feeder No. 29—This type of feeder is adaptable for boilers that are operated constantly under a vacuum, or where steam is used in process work. It has the same general features and capacity as the self-cleaning duplex feeder, except that it has no overflow valve for draining off surplus.



For Process Boilers
The McDonnell & Miller
No. 29 Single Valve Feeder

McDonnell No. 30 Safety Feeder—This feeder is designed especially for the smaller size boiler (up to 2000 ft.)—particularly oil-fired or gas-fired boilers in domestic use. It makes a most dependable and economical safety device for setting at the danger line. In this way it takes the place of the low-water cut-off and removes the disadvantage of a cut-off—the stopping of the burner with attendant danger of freezing the system. Its simplified construction makes possible a compact unit that is inexpensive to install and troublefree in operation.



For Small Boilers
The McDonnell & Miller
No. 30 Safety Feeder

Typical Specifications McDonnell No. 30 Safety Feeder—Furnish and install on each (low-pressure heating) boiler, one McDonnell No. 30 Safety Feeder.

Installation to be made in accordance with diagrams and detailed instruction sheet furnished by the manufacturers.

Service and Information—The Engineering Department of McDonnell & Miller offers prompt advisory service to architects, engineers, contractors and boiler owners, regarding special problems. Descriptive literature giving further details of McDonnell & Miller Boiler Feeders, will be sent on request.

Automatic Burner Corporation

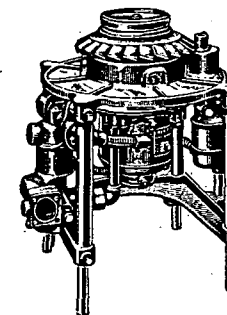
312 North May Street, Chicago, Ill.



The Automatic Burner Corporation is a pioneer in the development and manufacture of the home rotary, in the asphalt type of oil burner. This principle—believed to be the simplest and most efficient for domestic oil burning—was developed in 1920.

In one of the industry's best equipped laboratories, thousands of dollars have been spent to perfect ABC Type E and its low priced companion—ABC Type H.

The Department of Engineering Research, University of Michigan, made some efficiency tests on June 15, 1928, with ABC installed in a DuBrie warm air furnace. ABC developed the high overall efficiency of 84.44 per cent.

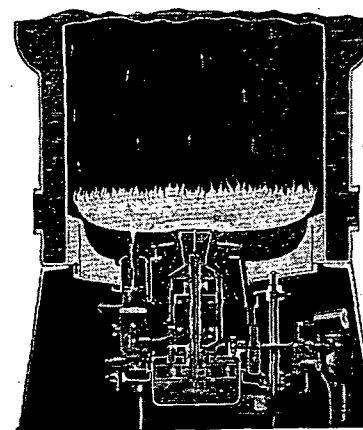


ABC Type H

ABC Type H—that duplicates the higher priced Type E in efficiency—is the burner for every man. The installed price is well within range of the low salaried man's purchasing power.

Simple, rigidly built and economical to operate, ABC Type H is guaranteed to satisfy the man who must count his dollars.

Write for
"OIL HEAT" for
The Architect and Engineer—
An authoritative book on Oil Burning.



Cross section of ABC Type in a round boiler

	ABC TYPE E	ABC TYPE H
Maximum Steam Radiation	3000	800
Price	\$500 to \$1000	\$350 to \$600