

# IRON FIREMAN

## earns its users **\*39.44%** per year on fuel savings alone...

What other  
investment will earn you  
half as much?

**H**IGH FUEL COSTS are unnecessary. An Iron Fireman Automatic Coal Burner installed in your furnace or boiler will cut your fuel bills 15 to 50 per cent. Also, it will save labor costs, eliminate the smoke nuisance, maintain steady heat or boiler pressure, and increase plant or home heating efficiency.

The amazing truth is that Iron Fireman, replacing old-fashioned hand firing, or other costly methods of automatic heat, will quickly pay for itself from fuel savings alone!

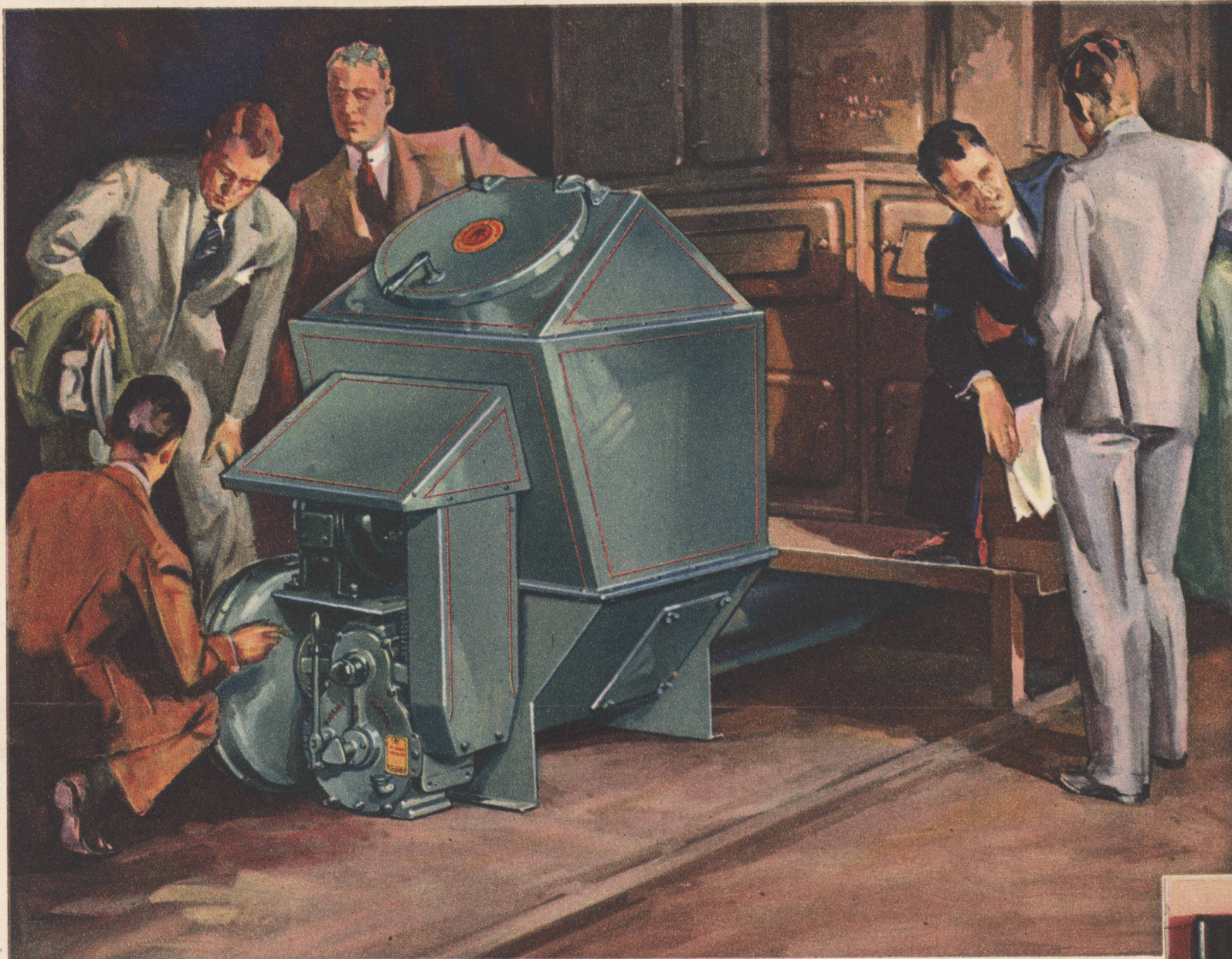
Iron Fireman owners are the authority for this statement. A recent survey covering 392 industrial users, showed yearly fuel savings averaging 31.62 per cent—equivalent to an annual return of 39.44 per cent on the cost of their Iron Fireman. Fuel savings in residences, as reported by 102 owners, averaged 45.61 per cent, or a reduction of \$90 a year in their fuel bills.

Savings such as these cannot be ignored! Why waste money on hand firing, or on other forms of automatic heat?

An Iron Fireman burns the cheaper sizes of coal that are impractical to use with hand firing. It burns less coal. By automatically feeding fuel to the fire from below (Iron Fireman's scientific principle of "forced underfiring") Iron Fireman gets the maximum of heat from every pound of coal. It makes a fire 500 degrees to 1000 degrees hotter than hand firing. There is no smoke. Heat or boiler pressure is held steady at any predetermined point. Iron Fireman is automatically controlled. Labor costs are slashed.

### Iron Fireman Leadership

The Iron Fireman Manufacturing Company is the pioneer and largest manufacturer in its field, with a nation-wide sales and service organization, and dealers throughout the United States and Canada. The finest engineering and



**★ Iron Fireman cuts fuel costs.** A recent survey of 392 users in 41 states and Canada showed average yearly fuel savings of 31.62 per cent after Iron Fireman was installed. This is equivalent to an average annual return of 39.44 per cent on the cost of their Iron Fireman. Over \$5,000,000 will be saved this year by the thousands of Iron Fireman owners. This represents fuel savings only. Other savings equally great will come from reduced labor costs, elimination of the smoke nuisance, steady, even heat and power, and increased plant efficiency.

research organization in the industry devotes its time to studying the science and mechanics of combustion. The result is Iron Fireman's outstanding leadership in operation and performance, in sales volume, in financial stability, and in the service to users which Iron Fireman's nation-wide dealer and service organization renders. Iron Fireman is a proved success, with thousands of installations from coast to coast. Don't take a chance on an imitation. Don't expect Iron Fireman results from any other machine.

### Read about Iron Fireman "forced underfiring" ... Mail the Coupon

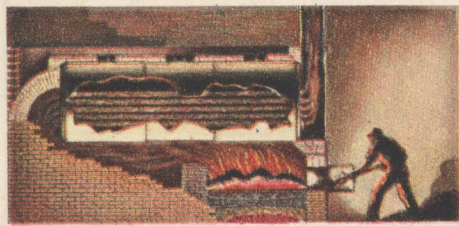
Write for booklet explaining the principle of non-agitated "forced underfiring." It tells, simply and clearly, *how* and *why* Iron Fireman will give you better heat or power for less money. Ask your Iron Fireman dealer to make a survey of your furnace or boiler room. His report will quickly show what an Iron Fireman can earn for you. Clip and mail the coupon below.

# IRON FIREMAN

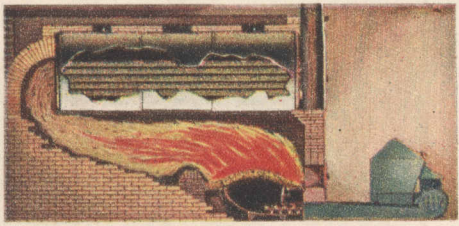
## AUTOMATIC COAL BURNER

The Machine that Made Coal an Automatic Fuel

572 W. Randolph St., Chicago. Telephone Central 0204



**Hand firing.** High priced coal thrown on top of the fire. Fuel waste from smoke and from coal that sifts through the grates, partially burned. Uneven boiler pressure. Constant labor required.



**Iron Fireman.** Cheaper fuel and less of it fed to the fire from below. No smoke. No fuel waste. Steady, even boiler pressure, automatically controlled. Labor reduced to a minimum.

### Authorized Dealers in Chicago District

ILLINOIS	
Aurora	Ruddy Brothers, 67 S. La Salle St.
Bloomington	Bienemann Bros., 607 South Grindley.
Chicago	Iron Fireman Mfg. Co., 572 W. Randolph St.
Chicago Heights	Eilts' Refrigeration Co., 19 Illinois St.
Champaign	Reliable Plumbing & Heating Co., 109 West University Ave.
Decatur	Decatur Stoker Company, 407 North Main St.
Desplaines	C. L. Bishop, 721 Pearson St.
Dixon	D. B. Raymond & Son, 716 Brinton St.
Elgin	Ziegler Bros. Co., 171 E. Chicago St.
Evanston	Stoker Sales Co., 1322 Chicago Ave.
Freeport	The H. A. Hillmer Co., 220 E. Exchange St.
Galesburg	Christy Coal Company, 430 East Berrien St.
Joliet	Barrett Hardware Co., 115 N. Ottawa.
Ottawa	E. E. Armstrong, 300 East Joliet St.
Peoria	Hitchcock Sprinkler & Heating Co., 813-15 S. Washington St.
Peru	Hunter Seitz, Inc., 1820 Water St.
Quincy	T. B. Adams, 645 Hampshire Ave.
Rockford	Rockford Stoker Company, 1011 Fifth Ave.

Rushville	Tri County Stoker Sales Co., 200 E. Lafayette St.
Springfield	Frank U. Patterson, 515 E. Capitol.
Streator	Hunter Builders & Supply Co., 1012 North Bloomington St.
Sullivan	L. T. Hagerman & Co., 903 Main St.
INDIANA	
Evansville	J. W. Coffman Company, 19 North Ninth St.
Frankfort	Claude C. Sheets and Co., 1151 E. Walnut St.
Hammond	Tidd & Lightfoot Refrig. Co., 673 Hohman Ave.
South Bend	Automatic Stoker Engr. Co., 117 E. LaSalle St.
Terre Haute	Braden Mfg. Company, 431 North 14th St.
Wabash	Hess & Schlemmer, 128 S. Wabash St.
MICHIGAN	
Battle Creek	Hunter Prell Company, 311 Elm St.
Coldwater	S. Pollock and Son, 120 West Chicago St.
Holland	Western Stoker & Equipment Co., 17 West Eighth St.
Houghton	M. Van Orden Co., 60 Sheldon St.
Iron Mountain	Lewis G. Eisele, 213 So. Carpenter Ave.

Kalamazoo	Automatic Coal Burner Co., 613 Kalamazoo National Bank Bldg.
Marquette	P. A. Nampa, P. O. Box 802.
IOWA	
Burlington	Frank Millard & Co., Inc., 104 N. Main St.
Clinton	Best Automatic Stoker Co., 312 Howes Bldg.
Davenport	Underfeed Stoker Co. Inc., 605 West 4th St.
Dubuque	Midwest Iron Fireman, Inc., 327 Main St.
Grinnell	Richardson-Phelps Lumber Company.
Iowa City	Johnston Coal Co., 425 East Washington St.
Waterloo	Quest & Smith, 411 W. 5th Street.
WISCONSIN	
Green Bay	General Sales and Service Co., 110 E. Walnut St.
Madison	Midwest Iron Fireman, Inc., 316 W. Johnson St.
Milwaukee	Iron Fireman of Milwaukee, Inc., 1218 Clybourn St.
Racine	Baumann Coal Company, 1509 16th St.
Sheboygan	Sheboygan Appliance Co., 1114 N. 8th St.
Watertown	A. F. Mayer, 202 N. Second St.
Wausau	Wausau Ice and Fuel Co., 110 W. Scott St.



Get the scientific facts  
about Iron Fireman  
"forced underfiring"

Iron Fireman Mfg. Co.,  
572 W. Randolph St., Chicago, Ill.

☐ Please send booklet on the Iron Fireman Automatic Coal Burner.  
☐ Please have engineer call.

Name \_\_\_\_\_

Address \_\_\_\_\_

Kind of Business or Building \_\_\_\_\_

Can you afford to waste  
what Iron Fireman  
users are saving?

Allerton House, Chicago. "Iron Fireman paid for itself in the first three months of operation."

Dartnell Corporation, Ravenswood & Leland Avenues, Chicago. "Iron Fireman shows a saving of 22 per cent in fuel cost over past years and we were able to cut down other expenses, incidental to firing boiler, \$1000 a year."

Kenwood Laundry, 1718-24 E. 75th Street, Chicago. "We are saving approximately \$300 a month with Iron Fireman over our former method of hand firing. Steam pressure is constant and uniform."

Poehlmann Brothers Company, World's Largest Flower Growers, Morton Grove, Ill. "Using 1/3 less fuel with Iron Fireman than with hand firing and have uniform boiler pressure. Our 5 Iron Fireman Automatic Coal Burners pay a handsome return each year on the initial investment."

Hollywood Theatre, 1501-08 Fullerton Avenue, Chicago. "During the past year Iron Fireman has saved us at least 50 per cent over the former method of heating with oil."

Layton Park Dairy Co., Milwaukee, Wis. "Iron Fireman has reduced our fuel costs 20 per cent, eliminated smoke, and cut labor costs. We are completely satisfied with our equipment."

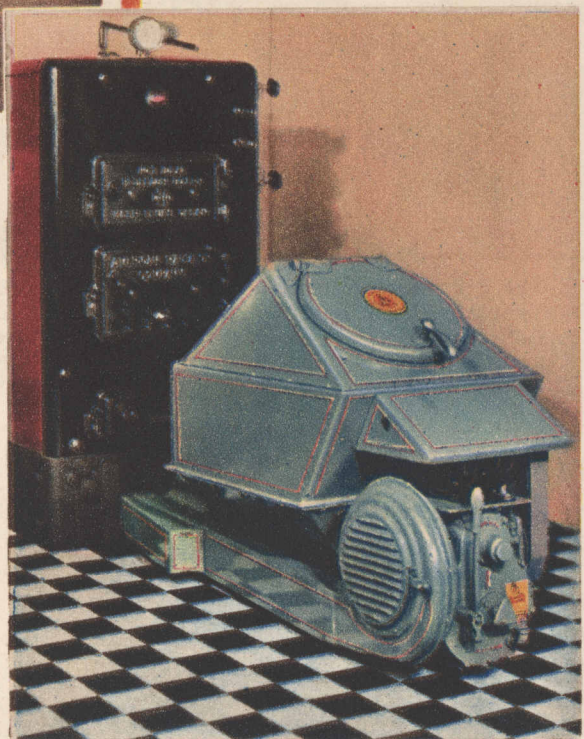
Henry County Court House, Cambridge, Ill. "Fuel saving \$1200 with Iron Fireman. Gives us very even temperature with the use of one boiler. With hand firing we were required to use two boilers and two janitors."

Quigley Preparatory Seminary, 103 E. Chestnut St., Chicago. "Fuel and labor savings with Iron Fireman will pay for the installation in eighteen months."

Fred Hawkins, Inc., Marmon Service, 2241 S. Wabash Ave., Chicago. "Saving \$3.00 a ton on fuel and have eliminated smoke with Iron Fireman. We now have an even temperature in our building. Our fireman has more time for other duties."

Alfred Decker & Cohn, Society Brand Clothes, Chicago. "Fuel saving 39 per cent with Iron Fireman. We have consistent steam pressure and have eliminated the smoke nuisance. Our Iron Fireman investment has been decidedly advantageous."

Harry C. Good, residence, Moline, Ill. "We were never able to get even heat until the Iron Fireman was installed. It has cut our fuel bill in half."



Iron Fireman in the home gives the most economical and efficient automatic heating that money can buy. Reports from 102 representative home owners showed average yearly fuel savings of 45.61 per cent. In terms of money, these homes averaged \$90 a year reduction in their fuel bills with Iron Fireman. In addition, they enjoyed the luxury and comfort of automatic heat from coal, the safe, dependable fuel.

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