Iron Fireman Manufacturing Company

Automatic Coal Stokers

Portland, Oregon

Factories: PORTLAND, ORE.; CLEVELAND, OHIO; TORONTO, CANADA

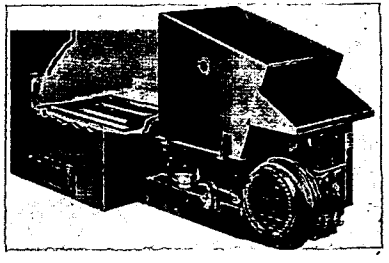
Retail Branches or Subsidiaries: CHICAGO, ILL.; MILWAUKEE, WIS.; ST. LOUIS, MO.; NEW YORK, N. Y.; BROOKLYN, N. Y.; MONTREAL, CANADA

Dealers in Principal Cities and Towns in the United States and Canada

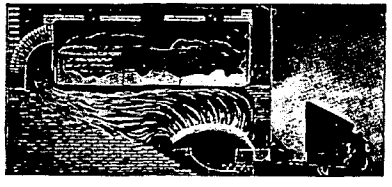
Representation in numerous foreign countries

IRON FIREMAN AUTOMATIC COAL STOKERS

COMMERCIAL HEATING MODELS



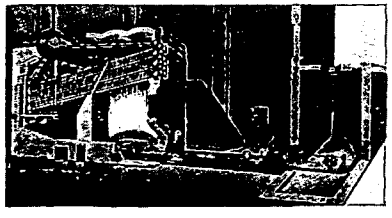
Commercial Installation—Hopper Model



Iron Fireman in Operation in Horizontal Return Tubular Boiler

Hopper Model

The Iron Fireman Commercial Heating stokers are general-purpose units, with wide application in schools, hotels, apartments, churches, office buildings, theaters and similar structures requiring a central heating plant . . . and in manufacturing plants, dairies and other establishments requiring heating and processing steam. The Commercial Heating stoker is the original type of Iron Fireman—the machine which made coal an automatic fuel.

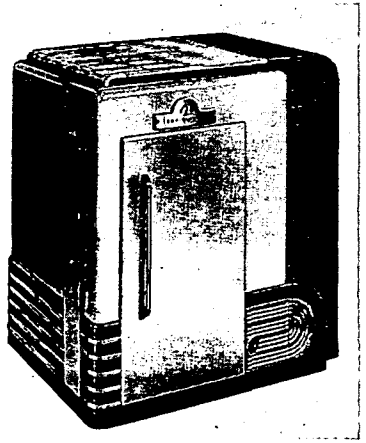


Commercial Installation—Coal Flow model that carries coal direct from bunker to fire

MODEL	OUTPUT RANGE		
	Boiler Horsepower	Equivalent Direct Radiation	
		Steam (240 Btu)	Hot Water (150 Btu)
Standard Hopper	2 to 6	250 to 800	400 to 1,300
Deluxe Hopper	3 to 50	400 to 7,000	650 to 11,000
Coal Flow (available in all models)	3 to 500	400 to 70,000	650 to 110,000
Commercial and Industrial Standard Underfeed	20 to 350	2,500 to 50,000	4,000 to 75,000
Commercial and Industrial Poweram Underfeed	30 to 400	4,000 to 56,000	6,000 to 90,000
Commercial Anthracite	30 to 130	4,000 to 18,000	6,000 to 29,000
Pneumatic Spreader	50 to 1,000	7,000 to 140,000	11,000 to 225,000

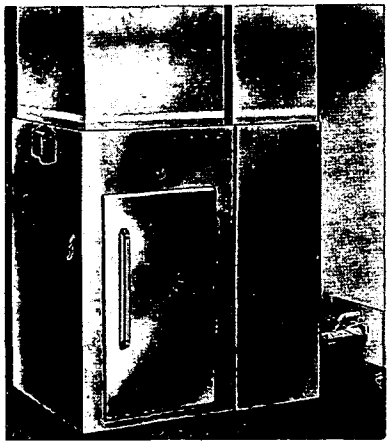
Space Heaters—Capacities from 30,000 to 100,000 Btu per hour.

Combination Stoker—Winter Air Conditioning Units—Capacities from 60,000 to 210,000 Btu per hour.



Unit Heatmaker Room Furnace

The Unit Heatmaker is a combination automatic coal stoker, room-furnace, humidifier, and forced warm-air circulator. It is made in two sizes; each size available for either bituminous or anthracite coal. This unit is particularly adaptable for small commercial and industrial heating. Forced circulation improves the distribution of heat. The Iron Fireman Unit Heatmaker is clean and quiet in operation.



Self-Firing Winter Air-conditioner

This Iron Fireman innovation produces superior winter air conditioning at extra low first cost and comparably low operating cost . . . together with the convenience of coal feeding automatically from the bin. This unit contains stoker, steel furnace, humidifier, filters and blower. May be easily adapted to existing conditions and requires a minimum amount of space. Bituminous and anthracite models.



Domestic Hopper Model

For use in warm-air, steam and hot-water systems, and also in industrial applications. Principal application is in residences. Hopper model is easily filled through a low



Domestic Coal Flow Model

opening. Quiet in operation. Mechanism is dust-tight. (Similar models for anthracite remove ash automatically). Coal Flow models feed fuel automatically from bin.