

International Heating & Air-Conditioning Exposition

Permanent Address—480 Lexington Ave., New York 17, N. Y.

EXPOSITIONS HELD

Chicago, 1957; Philadelphia, 1955; Chicago, 1953; Philadelphia, 1951; Chicago, 1949; New York, 1948; Cleveland, 1947-1940; New York, 1938; Chicago, 1936; New York, 1934; Cleveland, 1932; Philadelphia, 1930.

FUTURE SCHEDULE

No exposition in 1958. Scheduled for Philadelphia in 1959, 2nd Southwest Heating & Air-Conditioning Exposition in Dallas—1960.

UNDER AUSPICES OF A.S.H.A.E.

These Expositions have been and will be held co-incidental with the annual meetings of American Society of Heating and Air-Conditioning Engineers, Inc., and under their auspices. Management is by International Exposition Company with permanent headquarters at 480 Lexington Ave., New York 17, N. Y.

EXHIBITORS

Comprise leading firms in each phase of the industry; number has varied from 150 to more than 400 exhibitors.

EXHIBITS

These range from and comprise all the types of articles discussed or advertised in this copy of THE ASHAE GUIDE.

1. *The COMBUSTION Group:* Furnaces, burners (coal, oil and gas), grates, stokers, boilers, radiators (various types), refractories and auxiliaries.

2. *The OIL BURNER Group:*

3. *The HYDRAULIC Group:* Water feeders, water heaters, pumps, traps, valves, piping, fittings, expansion joints, pipe hangers, etc.

4. *The STEAM HEATING Group:* Vapor heating, steam specialties.

5. *The HOT WATER HEATING Group:*

6. *The AIR Group:* Warm Air furnaces and stoves, registers and grilles, cooling towers, air filters, motors, fans, blowers, conditioning equipment, ventilators (room and industrial types), unit heaters, etc.

7. *The AIR CONDITIONING Group:* Equipment which circulates and filters the air, in summer dehumidifies and cools; in winter heats and humidifies, and does all these in proper season for complete, all year-round air conditioning.

8. The CONTROL Group:

Instruments of precision for indicating, controlling or recording temperature, pressure, volume, time, flow, draft or any other function to be measured.

9. The REFRIGERATING Group:

Compressors, condensers, cooling apparatus, contingent apparatus and refrigerants.

10. The CENTRAL HEATING Group:

Apparatus and materials especially designed or adapted to the uses of central heating and central heating station supplies.

11. The INSULATING Group:

Structural insulators (refractory and cellulose materials), asbestos, magnesia clays and combinations thereof, pipe and conduit covering, etc., weather-stripping, etc.

12. The MISCELLANEOUS Group:

Electric Heaters, boiler and pipe repair alloys, liquids and compounds, tools of all kinds, and equipment not specifically included in the above groups, but related thereto.

13. The MACHINERY AND GENERAL EQUIPMENT Group.

14. BOOKS AND PUBLICATIONS.

VISITOR ATTENDANCE

Attendance is by invitation and registration only, thereby presenting a selected audience. Included are contractors, dealers, jobbers, supply houses, home owners, industrial users, professional and service organizations, public utilities, real estate management concerns, etc. A detailed analysis of registered attendance is available on request.

Industrial Expositions in America lead the expositions of the world in style, business effectiveness, industrial influence and educational value. This Exposition stands among the leaders in Industrial Expositions in America. It is an educational institution which brings together the research developments and improvements in equipment and materials for use in heating, ventilating and air conditioning all types of buildings.

DETROIT
SINCE 1898
STOKERS

DETROIT STOKER COMPANY

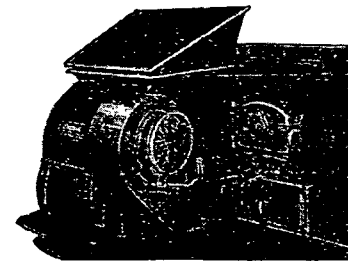
Main Office and Works

Monroe, Michigan

District Offices in Principal Cities

Detroit LoStoker (Underfeed type)

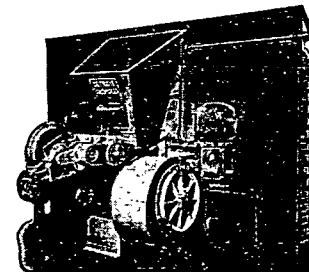
Compact firing unit—single retort—mechanically driven—plunger feed—side cleaning stoker. Sizes and capacity for all heating boilers, from 50 to 150 horsepower rated capacity. Now available with Detroit Adjustable Feed—provides automatic control of coal and air. Efficient and dependable operation assured.



Detroit LoStoker—a great coal saver. Easily installed. Thousands in operation. Write for catalog.

Detroit UniStoker (Underfeed type)

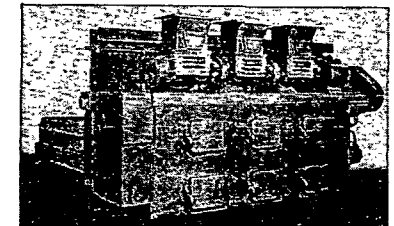
Plunger feed, side cleaning, compact unit type. For boilers of 125 to 250 hp rated capacity. Detroit Adjustable Feed keeps air supply in ratio to coal feed. May be motor or steam turbine driven automatically controlled. Readily installed with existing boilers to provide automatic heat at low cost.



Detroit UniStoker with Adjustable Feed provides a wide range of coal feed control.

Detroit RotoStoker (Spreader type)

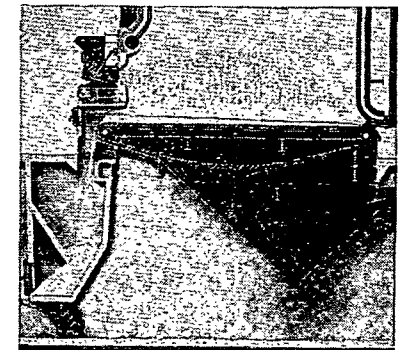
Built with stationary, hand or power dumping grates or continuous cleaning grates. Wide range of sizes. Burns all bituminous coals without special preparation, but with high thermal efficiency. Responsive to fluctuating loads.



Detroit RotoStoker (CC) is a new type with continuous ash discharge at the front. For steaming capacities approximately 5,000 to 75,000 lbs. Smoke-free operation at light loads.

Detroit RotoGrate (Large spreader type)

For medium and large heating and power boilers up to 400,000 lbs steam per hour. Forward moving grates continuously and automatically discharge ash at the front. Combustion loss in ash usually less than two percent.



Detroit RotoGrate Stoker burns all grades of coal. Permits higher burning rates. Responds quickly to changes in load. Burns wood and other refuse separately or in conjunction with coal.