

Motorstokor Division Hershey Machine & Foundry Co.

Factory and Home
Office
Manheim, Pa.

MOTOR STOKOR

Installation and Service
by factory-trained dealers
in all anthracite burning
areas.

DEFINITION

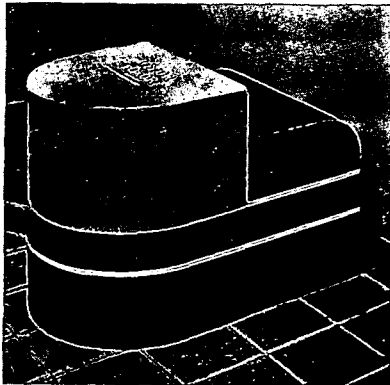
A complete stoker, burner, and optional ash-removal system for automatic combustion of buckwheat or rice anthracite. Applicable to coal, gas or oil furnaces or boilers for providing warm air, hot water, or steam. Especially designed for automatically heating buildings and providing year-round hot water.

RANGE OF TYPES

Standard installations in all sizes include direct-from-bin feed with ash removal, direct-from-bin feed with pit collection, hopper feed with ash removal, and hopper feed with pit collection of ashes.

RANGE OF SIZES

Available in 12 models, providing a complete range. The smallest is the new domestic MOTORSTOKOR No. 10 capable of heating average small homes. It feeds up to 40 lb of anthracite per hour, is rated at 1200 sq ft of steam and 1920 sq ft of water radiation. The largest are MOTORSTOKORS No. 2 and No. 3, feeding up to 100 lb of coal per hour and rated at 2850 sq ft of steam or 4560 sq ft of water radiation.



The new MOTORSTOKOR No. 10 marks its manufacturer's new low in the first cost of completely automatic anthracite equipment.

ADVANTAGES

Simplicity: Entire mechanism functions intermittently, including coal feed, controlled draft, and ash removal. A portion of the combustion air is fed with the coal, preventing dust and back draft. Worm feed. Concentric dustless ring burner needs no cleaning. Revolving bar breaks all clinkers.

Efficiency: Fixed air mixture for uniform combustion. Floating worm assures uniform, trouble-free coal feed. Flexibly mounted motor operating intermittently and using little current. Quiet, direct-mounted, self-compensating fan.

Ruggedness: Heavy cast parts, with lavish use of chrome-moly, monel, nickel, and special alloys. Oil-submerged gears reduce all operations to very slow wear-free motions. Extraordinary structural and metallurgical protections against corrosion.

Safety: Floating coal worm minimizes stoppage or jams. Air feed through coal prevents back draft and escaping gas. Automatic release-clutch cuts off current when over-loaded. Minneapolis-Honeywell controls.



MOTORSTOKOR 2AF for heavy-duty service in apartments, office buildings, etc. Bin-feed pipe at left. Ash removal system at right.

Buffalo Pumps, Inc.

450 Broadway, Buffalo, N. Y.

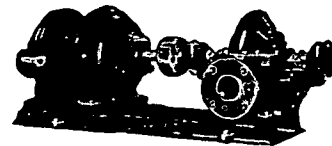
Branch Offices

ALBANY, N. Y., 1305 Standard Bldg., H. S. Johnson
ATLANTA, GA., 305 Techwood Drive
BALTIMORE, MD., 508 St. Paul St., E. E. Thompson
BOSTON, MASS., 486 Main St., Melrose Station, E. D. Johnson
CHICAGO, ILL., 20 N. Wacker Drive, L. D. Emmert
CINCINNATI, OHIO, Building Industries Bldg., F. W. Twombly
CLEVELAND, OHIO, 418 Rockefeller Bldg., T. A. Weager
DALLAS, TEXAS, 1801 Tower Petroleum Bldg., T. H. Anspacher
DAVENPORT, IOWA, 305 Security Bldg., D. C. Murphy Co., Inc.
DENVER, COLO., 1718 California St., Stearns Roger Mfg. Co.
DES MOINES, IOWA, 214 Old Colony Bldg., D. C. Murphy Co., Inc.
DETROIT, MICH., 2051 W. Lafayette Blvd., Coon-De Visser Co., T. E. Coon

GREENVILLE, S. C., 21 Blue Bldg.
KANSAS CITY, MO., 424 Dwight Bldg., A. E. Williams
LOS ANGELES, CALIF., 708 Pershing Sq. Bldg., F. R. Adrianse
MINNEAPOLIS, MINN., 2102 Foshay Tower, E. F. Bell
NEW ORLEANS, LA., Devlin Bros., 1003 Maritime Bldg.
NEW YORK, N. Y., 39 Cortlandt St., W. S. Koithan
PHILADELPHIA, PA., 703 Canard Bldg., Davidson & Hunger
PITTSBURGH, PA., Power Equipment Co., Oliver Bldg.
RICHMOND, VA., Williamson & Wilmer, Inc., Mutual Bldg.
SEATTLE, WASH., 500 First Ave., So., A. T. Forsyth
ST. LOUIS, MO., 1598 Arcade Bldg., J. W. Cooper
TOLEDO, OHIO, 1922 Linwood Ave., C. M. Eyster
WASHINGTON, D. C., 640 Woodward Bldg., G. S. Frankel
COMPLETE LINE MANUFACTURED IN CANADA BY CANADA PUMPS, LTD., KITCHENER, ONT.

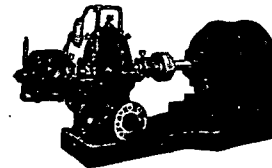
PRODUCTS—A complete line of Single and Multi-stage Centrifugal Pumps and Special Pumps for use in all types of heating and air conditioning installations.

Buffalo Double Suction Single Stage Centrifugal Pumps



For general service where clear water is handled you will get top performance with these pumps. They embody all of the accepted modern features of centrifugal pump design. Capacities range from 10 to 50 thousand U.S. gallons per minute.

Buffalo Self-Priming Single and Double Suction Centrifugal Pumps

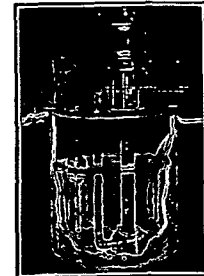


Now available with positive self-priming device built with the pump. This primer is built under license from the Nash Engineering Company and is fully covered by patent.

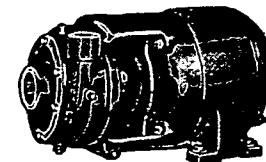
Buffalo Self-Priming Pumps offer these advantages: (1) All working parts are above the liquid to be pumped. (2) There is complete access to all parts of installation. (3) Rotors are balanced—vibrationless. (4) Buffalo Self-Priming Pumps are very quiet—no long shafts to vibrate and fewer bearings. (5) Constant positive prime obtained without foot valves.

Buffalo Automatic Sump Pumps

Buffalo Sump Pumps are self-contained and have unusually high efficiencies thus permitting the use of small motors. Ball bearing thrust and enclosed shaft especially adapt these pumps for their service.



Buffalo Single Suction Closed-Coupled Pumps



This pump is close-coupled to electric motor, eliminating the necessity for bearings. The impeller is overhung on the motor shaft, providing a compact, easily-serviced unit. Permanent alignment is assured and the pump mounted in this manner requires very little space.

Buffalo Close-Coupled Pumps are suitable for handling hot water with low submergence on suction, or for operating with suction lift as high as 25 ft.

These pumps are also available in special alloys.