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YOUR BUYERS' GUIDE

OF POWER FIELD PRODUCTS

AND THE COMPANIES THAT MAKE THEM

Directory of Manufacturers

More than 1000 manufacturers of power field products have told us what they make. To use this directory, first look under the noun in the product heading; for example, if you're looking for safety valves, look under "Valves, Safety." Company names and addresses are listed alphabetically under each heading.

If you need information on equipment that may no longer be manufactured, check the Index to Former Manufacturers, which begins on page 142.

USE THIS DIRECTORY TO LOCATE EQUIPMENT SOURCES

Union Diesel Engine Co, 2200 E 7th St, Oakland 6, Calif.
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H-B Instrument Co Inc, 2633 Trenton Ave, Phila 25, Pa.
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Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
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Pennsylvania Industrial Instr Co, 3116 N 17th St, Phila, Pa.
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Chicago Fire Brick Co, 1467 Elston Ave, Chicago 22, Ill.
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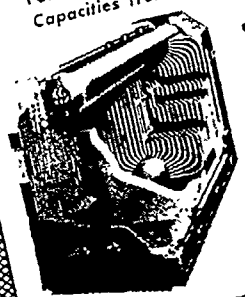

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Bros, Wm, Boiler & Mfg Co, 1057 10th Ave SE, Minneapolis 14. Minn.
Cleaver-Brooks Co. 326 E Keefe Ave, Milwaukee 12, Wis.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16. N. Y.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken, N. J.
Cyclotherm Corp, Oswego, N. Y.
Eclipse Fuel Engrg Co. 711 S Main St, Rockford, Ill.
Edge Moor Iron Wks Inc. 100 Edge Moor St. Edge Moor, Del.
Erie City Iron Wks, 1422 East Ave, Erie, Pa.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
Godfrey-Keeler Co, 1 Hudson St, New York 13. N. Y.
Hapman-Dutton Co, 622 Gibson St, Kalamazoo 11. Mich.
Heilman Boiler Wks. 132 Linden St, Allentown, Pa.
International Boiler Wks Co. 1 Birch St. East Stroudsburg, Pa.
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Leffel, James & Co. 426 East St. Springfield, Ohio
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Mund Boilers, Inc. 1600 N Indiana St. Los Angeles 33, Calif.
Murray Iron Works Co. 1106 Washington St, Burlington, Iowa
Orr & Sembower Inc. Reading, Pa.
Petro-Chem Development Co. 120 E 41st St, New York 17, N. Y.
Preferred Utilities Mfg Corp. 1860 Broadway, New York 23, N. Y.
Steamaster Automatic Boiler Co. 5819 S Compton Ave. Los Angeles
Stout, David, & Sons. 7016 Manchester Blvd, St. Louis 17, Mo.
Struthers Wells Corp. Warren, Pa.
Superior Combustion Industries, Inc. Times Bldg. New York 18, N. Y.
Timken Detroit Axle Co. Box 56, Roosevelt Park Sta, Detroit 32
Titusville Iron Works Co. Titusville, Pa.
Union Iron Works. 1420 Cascade St. Erie, Pa.
Vapor Heating Corp. 80 E Jackson Blvd, Chicago 4. Ill.
Wickes Boiler Co. 515 N Washington Ave. Saginaw, Mich.
York-Shipley Inc, York, Pa.

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American Hydrotherm Corp. 33-70 12th St, Long Island City 6, N. Y.
American Locomotive Co, Schenectady 5, N. Y.
Babcock & Wilcox Co, 85 Liberty St. New York 6, N. Y.
Bigelow Co. Lloyd & River Sts, New Haven 13. Conn.
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Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16. N. Y.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crotty Mfg Corp, 133-15 35th Ave, Flushing, N. Y.
Davis Engrg Corp, 1064 E Grand St, Elizabeth 4, N. J.
E Keeler Co. 238 West St, Williamsport 3. Pa.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Delaware
Erie City Iron Wks, 1422 East Ave, Erie, Pa.
Farrar & Trefts Inc, 20 Milburn St, Buffalo 12, N. Y.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
Hapman-Dutton Co, 622 Gibson St, Kalamazoo 11, Mich.
Heilman Boiler Wks. 132 Linden St, Allentown, Pa.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Maxim Silencer Co, 85 Homestead Ave, Hartford 1, Conn.
Murray Iron Works Co, 1106 Washington St. Burlington, Iowa
Page Boiler Co, 815 Webster Ave, Chicago 14. Ill.
Petro-Chem Development Co, 120 E 41st St, New York 17, N. Y.
Springfield Boiler Co, 1901 E Capitol Ave. Springfield, Ill.
Tilco-Fin Div. Kentile Inc. 58 Second Ave. Brooklyn 15, N. Y.
Titusville Iron Works Co, Titusville, Pa.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Vogt, Henry, Machine Co. 1000 W Ormsby St, Louisville 10, Ky.
Wickes Boiler Co, 515 N Washington Ave, Saginaw, Mich.

BOILERS, WATER-TUBE, 30,000 LB AND UNDER

American Hydrotherm Corp. 33-70 12th St, Long Island City 6, N. Y.
Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Besler Corp, 4053 Harlan St, Emeryville 8, Calif.
Bigelow Co, Lloyd & River Sts, New Haven 13, Conn.
Bros. Wm. Boiler & Mfg Co. 1057 10th Ave. S E Minneapolis 14. Minn.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16. N. Y.
Condenser Service & Engrg Co, Inc. 89 River St, Hoboken, N. J.
Crotty Mfg Corp, 133-15 35th Ave, Flushing, N. Y.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Delaware
E Keeler Co, 238 West St, Williamsport 3, Pa.
Erie City Iron Wks, 1422 East Ave, Erie, Pa.
Heilman Boiler Wks, 132 Linden St, Allentown, Pa.
International Boiler Wks Co, 1 Birch St, East Stroudsburg, Pa.
Koven, L O & Brother, Inc, 154 Ogden Ave, Jersey City 7, N. J.
Mund Brothers Inc. 1600 N Indiana St, Los Angeles 33, Calif.
Murray Iron Works Co, 1106 Washington St. Burlington, Iowa
Page Boiler Co, 815 Webster Ave, Chicago 14, Ill.
Petro-Chem Development Co, 120 E 41st St, New York 17, N. Y.
Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
Steamaster Automatic Boiler Co, 5819 South Compton Ave, Los Angeles 11, Calif.
Struthers Wells Corp, Warren, Pa.
Titusville Iron Works Co, Titusville, Pa.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Vogt, Henry, Machine Co, 1000 W Ormsby St, Louisville 10, Ky.
Wickes Boiler Co, 515 N Washington Ave, Saginaw, Mich.

BOILERS, WATER-TUBE, 30,000-100,000 LB

American Hydrotherm Corp. 33-70 12th St, Long Island City 6, N. Y.
Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Bigelow Co, Lloyd & River Sts, New Haven 13, Conn.
Bros, Wm, Boiler & Mfg Co, 1057 10th Ave S E, Minneapolis 14,
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16, N. Y.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Delaware
E Keeler Co, 238 West St, Williamsport 3, Pa.
Erie City Iron Wks 1422 East Ave, Erie, Pa.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
Heilman Boiler Wks, 132 Linden St, Allentown, Pa.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Petro-Chem Development Co, 120 E 41st St, New York 17, N. Y.
Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
Titusville Iron Works Co, Titusville, Pa.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Vogt, Henry, Machine Co, 1000 W Ormsby St, Louisville 10, Ky.
Wickes Boiler Co, 515 N Washington Ave, Saginaw, Mich.

BOILERS, WATER-TUBE, OVER 100,000 LB

Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Bros, Wm, Boiler & Mfg Co, 1057 10th Ave S E, Minneapolis 14,
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16, N. Y.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Delaware
Erie City Iron Wks, 1422 East Ave, Erie, Pa.

Look for the noun in the product listing, for example:

Boilers, Waste-Heat

not

Waste-Heat Boilers

E Keeler Co, 238 West St, Williamsport 3, Pa.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Vogt, Henry, Machine Co, 1000 W Ormsby St, Louisville 10, Ky.
Wickes Boiler Co, 515 N Washington Ave, Saginaw, Mich.

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General Electric Co. Construction Materials Dept. 1285 Boston Ave, Bridgeport 2, Conn.
Graybar Electric Co Inc, 420 Lexington Ave, N. Y. 17, N. Y
National Electric Product. Corp, Chamber of Commerce Blc,. Pittsburgh 19, Pa.
O Z Electrical Mfg Co Inc, 262 Bond St, Brooklyn 2, N. Y.
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
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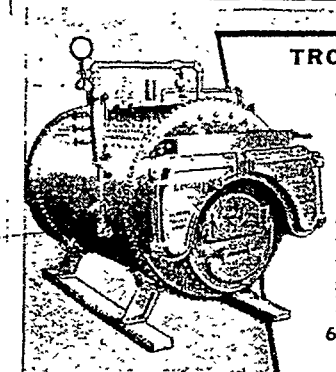
Allis-Chalmers Mfg. Co, 952 S 70th St, Milwaukee 1, Wis.
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Crouse Hinds Co. Wolf & Seventh N, Syracuse 1, N. Y.
Cutler-Hammer Inc, 294 N 12th St, Milwaukee 1, Wis.
Federal Electric Products Co, Inc, 50 Paris St, Newark 5, N. J.
General Electric Co, Schenectady 5, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, New York 17, N. Y.



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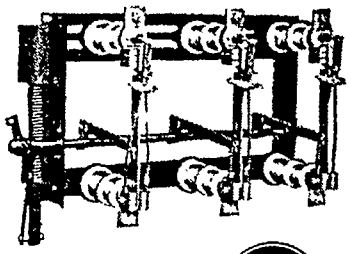

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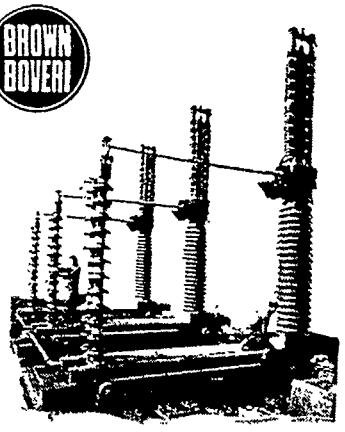

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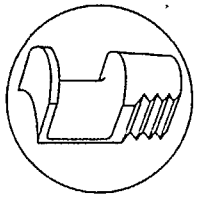

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- 2 root sections for the skirted type buckets
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Steel Products Corp, 52 Vanderbilt Ave, New York 17, N. Y.
Stover Steel Tank & Mfg Co, 100 S Hancock St, Freeport, Ill.
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Green, A P, Fire Brick Co, Mexico, Mo.
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Engineer Co, 75 West St, New York 6, N. Y.
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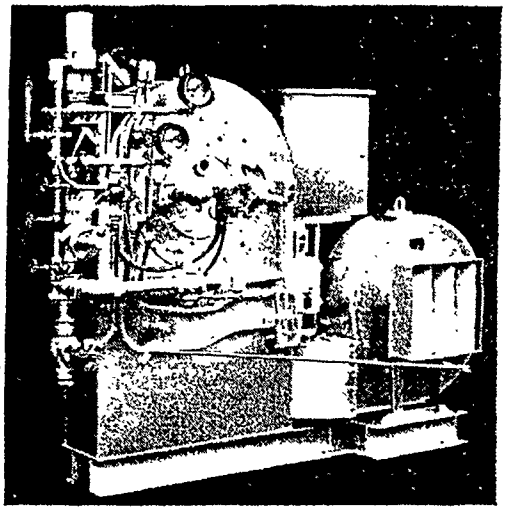
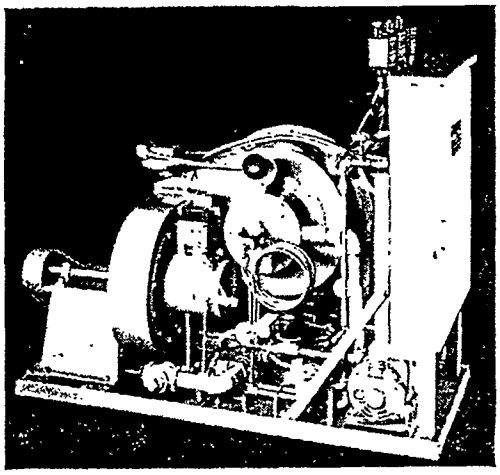


350 HP Combination gas and Wide Range mechanical oil burner for #6 oil. Semi-Automatic, full proportioning control (with Coen patented "AC" Valves); separate pump and heater set.



50 HP Low Pressure gas and Wide Range oil burner for #3 oil—Modulated Hi-Lo-Off firing—Fully automatic—Adjustable pre-purge timing.

SELECTIVE FEATURES

With built-in forced draft fan

With inlet air control only (for I.D. or natural draft applications)

For low pressure gas (6" to 8 oz.)

For medium or high pressure (3 psi or over)

For light oil (#3)—no preheating

For heavy oil (#6)—with combined electric-steam heating

For gas and oil (combinations of above)

With pressure atomizing oil burners

With steam atomizing oil burners

With built-in oil pump

With built-in oil pump and electric-steam heater

Less oil pump and heater (utilizing existing equipment)

Fully automatic control—both fuels

Semi-Automatic control both fuels — torch ignition

Semi-Automatic control both fuels with manual (pushbutton) spark ignited gas pilot

Fully automatic control—one fuel

On-Off firing

Modulated High-low and On-off firing

Full proportioning modulating control (with Coen patented "AC" valves)

Coen Company, a leader in the industrial combustion field for almost 40 years, have always specialized in "engineering" combustion equipment to individual requirements. It is only natural that a single "type" of packaged burner would in their eyes fail to meet broad customer needs. With 15 sizes from 2,000 to 30,000 pph, and the many combinations of features obtainable, a truly broad selection is available. All components are of highest quality; all electric valves and protective equipment are Factory Mutual approved. All models with many original distinctive engineering features (patents applied for). Write for descriptive information today.

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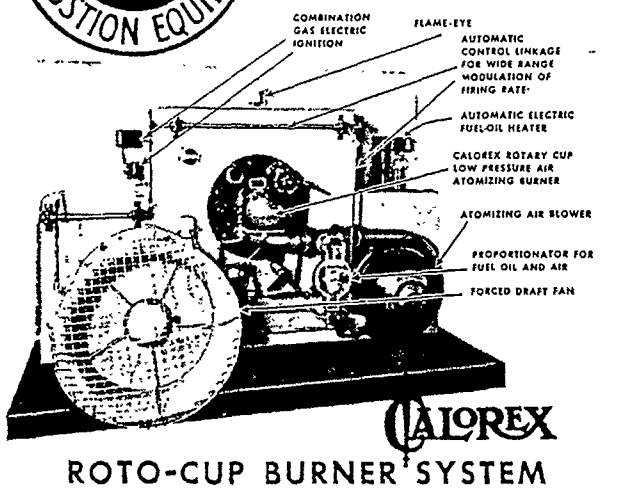

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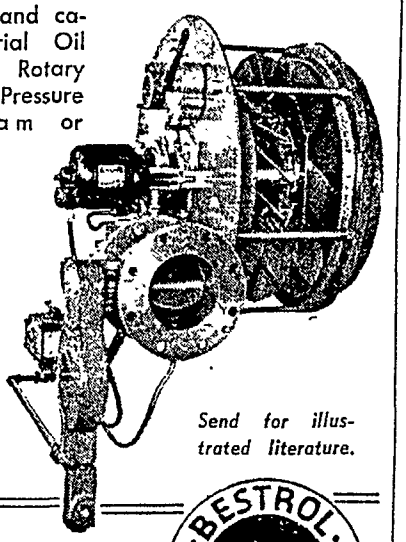

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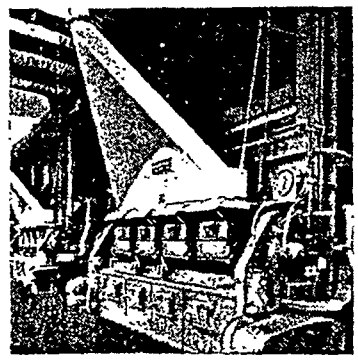

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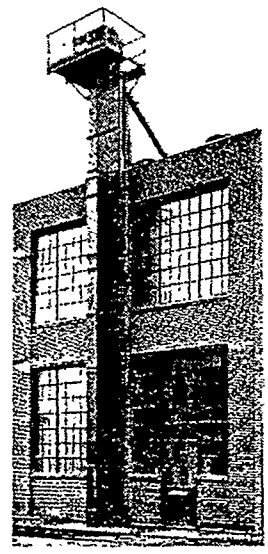

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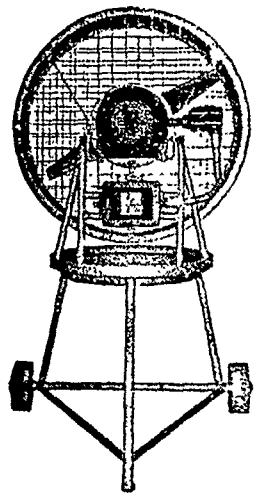

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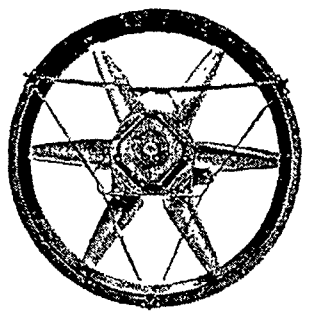
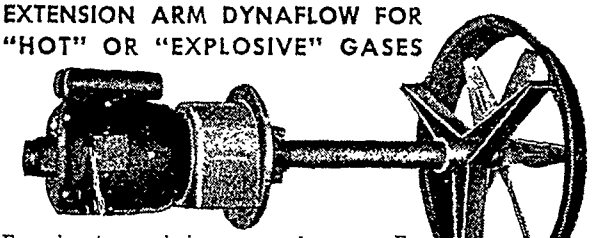
For general or specific ventilation, man-cooling, or parts-cooling—to increase personnel efficiency and decrease lost time in cooling and drying hot parts. Portable. Direction of blast adjustable. Explosion-proof motor, metal conduit and starter can be supplied. Conforms to state safety regulations.



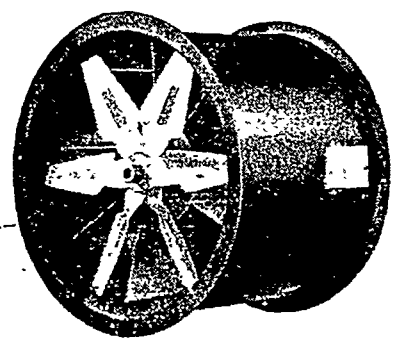
DYNAFLOW UNITS
2-4-6 BLADE TYPES

Six Blade model illustrated. For exhausting or blowing against high static pressures. For general ventilation or specific processes where fumes are present. Sizes: 16 to 36 in. dia. Capacities: 1240 to 26000 c.f.m. Two and four blade models for applications at lower static pressures.

EXTENSION ARM DYNAFLOW FOR "HOT" OR "EXPLOSIVE" GASES



For exhausting explosive gases or fumes . . . For circulating "hot" gases up to 350°F. where temperature is too high to permit use of standard or even special motors. Used in heat exchangers—"sweater" ovens, etc. Fans from 16 to 36 in. diameters.



DUCTYPE UNITS
Direct Drive or Belt Drive

Direct drive model shown; also supplied with belt drive for high temperatures or corrosive air and gas handling. Designed for bolting in any duct run at any point or at either end. Sizes 16 to 36 in. fans.

SOUTH BEND AIR PRODUCTS, INC.
322 EAST COLFAX AVENUE • SOUTH BEND, INDIANA

FITTINGS, WIRE ROPE

American Steel & Wire Co, Rockefeller Bldg, Cleveland 13, Ohio
Bethlehem Steel Co, Bethlehem, Pa.
Broderick & Bascom Rope Co, 4203 N Union Blvd, St Louis 15, Mo.
Colorado Fuel & Iron Corp, Continental Oil Bldg, Denver 1, Colo.
Industrial Products Co, 2923 N Fourth St, Philadelphia 33, Pa.
Murray, A B Co, Inc, 608 Green Lane, Elizabeth, N. J.
Roebling's John A Sons Co, Trenton 2, N. J.
Wickwire Spencer Steel Div, Colorado Fuel & Iron Corp, 575 Madison Ave, New York 22, N. Y.
Wire Rope Slings Div, American Chain & Cable Co, Wilkes-Barre, Pa.

FIXTURES, LIGHTING

Appleton Electric Co, 1701-41 Wellington Ave, Chicago 13, Ill.
Benjamin Elec Co, Des Plaines, Ill.
Crouse Hinds Co, Wolf & Seventh N, Syracuse 1, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, New York 17, N. Y.
Guth, Edwin F, Co, 2615 Washington, St Louis 3, Mo.
Joy Mfg Co, Dept 5, Oliver Bldg, Pittsburgh 22, Pa.
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Sylvania Electric Products Inc, 1740 Broadway, N. Y. 19, N. Y.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.

FLOATS

Armstrong Cork Co, Liberty St, Lancaster, Pa.
Chicago Float Wks, 2330 S Western Ave, Chicago, Ill.
Climax Controls Div, Black, Sivalls & Bryson Inc, Box 1529, Tulsa 1, Okla.
Defender Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Ernst Water Column & Gage Co, 250 S Livingston Ave, Livingston, N. J.
D'Este Div, American Chain & Cable Co Inc, Reading, Pa.
McDonnell & Miller Inc, 3500 N Spaulding Ave, Chicago 18, Ill.
Nicholson, W H, & Co, 125 Oregon St, Wilkes-Barre 1, Pa.
Owens, Henry & Co, Inc, Washington Ave, Cranston 7, R. I.
Reliance Guage Column Co, 5902 Carnegie Ave, Cleveland 3, Ohio
Sexauer, J A Mfg Co, 2503 3rd Ave, New York 51, N. Y.
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.

FLOWMETERS

(See Meters, Flow)

FLYASH COLLECTORS

(See Collectors, Dust, Flyash, Etc)

FREQUENCY CHANGERS

Allis-Chalmers Mfg Co, 952 S 70th St, Milwaukee 1, Wis.
Belco Industrial Equip Div Inc, 52 Iowa Ave, Paterson 3, N. J.
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Electric Machy Mfg Co, 1331 NE Tyler St, Minneapolis 13, Minn.
Electro-Dynamic Div, Electric Boat Co, Bayonne, N. J.
Electric Products Co, 1720 Clarkstone Rd, Cleveland 12, Ohio
Elliott Co, Jeannette, Pa.
General Electric Co, Schenectady 5, N. Y.
Ideal Electric & Mfg Co, E First St, Mansfield, Ohio
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.

FURNACES, BOILER

Alco Products Div, American Locomotive Co, Dunkirk, N. Y.
Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Carolina Refractories Co, Hartsville, S. C.
Chicago Fire Brick Co, 1467 Elston Ave, Chicago 22, Ill.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16, N. Y.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Detrick, M H Co, 111 W Washington St, Chicago 2, Ill.
Detroit Stoker Co, 5-125 General Motors Bldg, Detroit 2, Mich.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Del.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Lientz, B P, Mfg Co, 210 W 8th St, Kansas City, Mo.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
National Airoil Burner Co, 1276 E Sedgley Ave, Philadelphia 34, Pa.
Page Boiler Co, 815 Webster Ave, Chicago 14, Ill.
Petro-Chem Development Co, 120 E 41st St, New York 17, N. Y.
Plibrico Jointless Firebrick Co, 1800 Kingsbury St, Chicago 14, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City, Mo.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Union Iron Works, 1420 Cascade St, Erie, Pa.
U. S. Machine Corp, 320 N C St, Lebanon, Ind.

FURNACES, WASTE-FUEL

American Coal Burner Corp, 18 E Erie St, Chicago 11, Ill.
Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Chicago Fire Brick Co, 1467 Elston Ave, Chicago 22, Ill.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Detrick, M H Co, 111 W Washington St, Chicago 2, Ill.
Detroit Stoker Co, 5-125 General Motors Bldg, Detroit 2, Mich.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Plibrico Jointless Firebrick Co, 1800 Kingsbury St, Chicago 14, Ill.
Ramtite Co, 2549 W 18th St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City, Mo.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Union Iron Works, 1420 Cascade St, Erie, Pa.

FUSES

Bussmann Mfg Co, University at Jefferson, St Louis 7, Mo.
Chase-Shawmut Co, Merrimac St, Newburyport, Mass.
Delta-Star Electric Co, 2400 Fulton St, Chicago 12, Ill.
Economy Fuse & Mfg Co, 2717 Greenview Ave, Chicago 14, Ill.
General Electric Co, Construction Materials Dept, 1285 Boston Ave, Bridgeport 2, Conn.
Graybar Electric Co Inc, 420 Lexington Ave, New York 17, N. Y.
Jefferson Electric Co, Bellwood, Ill.
Monarch Fuse Co, Ltd, 118 E 1st St, Jamestown, N. Y.
Solar Electric Corp, 1948 Myers St, Warren, Pa.
Star Fuse Co, Inc, 235 Canal St, New York 13, N. Y.
Trico Fuse Mfg Co, 2948 N 5th St, Milwaukee 12, Wis.
Ware Fuse Corp, 4500 W Lake St, Chicago 24, Ill.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.

GAGES, DRAFT

Bacharach Industrial Instrument Co, 7000 Bennett St, Pittsburgh
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 91, Conn.
Canton Stoker Corp, 741 Andrews Pl, S W, Canton 1, Ohio
Cleveland Fuel Equip Co, 7316 Associate Ave, Cleveland 9, Ohio
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Defender Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Dwyer, F W, Mfg Co, 317 S Western Ave, Chicago, Ill.
Eclipse-Pioneer Div Bendix Aviation Corp, Teterboro, N. J.
Ellison Draft Gage Co, 214 W Kinzie St, Chicago 10, Ill.
Hays Corp, 742 E 8th St, Michigan City, Ind.
Hotstream Heater Co, 2363 E 69th St, Cleveland 4, Ohio
Manning, Maxwell & Moore, Inc, 11 Elias St, Bridgeport 2, Conn.
Minneapolis - Honeywell Regulator Co, Industrial Div, Wayne & Roberts Aves, Philadelphia 44, Pa.
Oil-Rite Corp, 3478 S 13th St, Milwaukee 7, Wis.
Perfex Corp, 500 W Oklahoma Ave, Milwaukee 7, Wis.
Precision Thermom & Instr Co, 1401 Brandywine St, Phila 30, Pa.
Republic Flow Meters Co, 2222 Diversey Parkway, Chicago 47, Ill.
Uehling Instrument Co, 473 Getty Ave, Paterson 3, N. J.

GAGES, LIQUID LEVEL

Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14, Ill.
Alloy Steel Products Co, 1300 W Elizabeth St, Linden, N. J.
Associated Valve & Engrg Co, 1150 W Marquette Rd, Chicago 21, Ill.
Automatic Temperature Control Co, 5212 Pulaski Ave, Phila 44, Pa.
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barton Instrument Corp, 1429 S Eastern Ave, Los Angeles 22, Calif.
Bristol Co, Waterbury 91, Conn.
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Builders-Providence, Inc, 345 Harris Ave, Providence 1, R. I.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crane Co, 836 S Michigan Ave, Chicago 5, Ill.
Crosby Steam Gage & Valve Co, Kendrick St, Wrentham, Mass.
Defender Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Diamond Power Specialty Corp, Lancaster, Ohio
Ernst Water Column & Gage Co, 250 S Livingston Ave, Livingston, N. J.
Fischer & Porter Co, 500 County Line Rd, Hatboro, Pa.
Foxboro Co, 38 Neponset Ave, Foxboro, Mass.

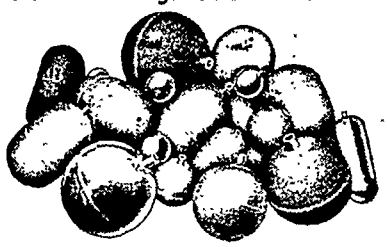
NICHOLSON

WELDED FLOATS

Die-Formed—Withstand High Pressures

For steam pressures to 1500 lbs.; hydrostatic, to 4800 lbs. Die-formed in halves from chrome-nickel, monel or stainless steel and then reinforced by welding the seams. Steel floats furnished in chromium, cadmium or copper plating. Sizes: 2" to 14". 10 standard shapes; 10 standard connections. Nicholson is one of the largest makers of welded floats. Quick delivery on many sizes, shapes.

BULLETIN 650



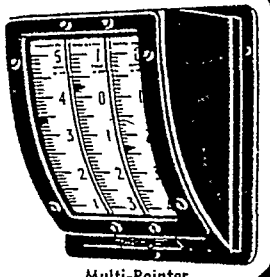
W. H. NICHOLSON & CO.
125 Oregon Street Wilkes-Barre, Pennsylvania.

DRAFT GAGES

BAILEY METERS

BAILEY
MULTI-POINTER GAGE

You will find the Bailey Multi-Pointer Gage a valuable asset in achieving safe, consistent and economical furnace operation. Its design, which places from two to twelve indicating units side by side, permits the establishment of a pointer pattern (overall picture of related factors shown graphically) easily recognized by operators. Any deviation from the established pattern is quickly noticed; appropriate adjustments can be made to re-establish the desired conditions.



Multi-Pointer Bailey Gage

Low pressures, drafts, and differentials are accurately measured by this diaphragm-operated gage. Long life and sensitivity of diaphragm units are obtained by the use of a Bailey developed Diaphragm Material, which is resistant to oil, acid, caustic, and heat.

Write for Bulletin No. 163-B.

BAILEY METER COMPANY
1016 IVANHOE ROAD · CLEVELAND 10, OHIO

Frick Co, W Main St, Waynesboro, Pa.
Hays Corp, 742 E 8th St, Michigan City, Ind.
Henry Valve Co, 3215 North Ave, Melrose Park, Ill.
Huyette, Paul B, Co Inc, 401 N Broad St, Phila 8, Pa.
Jerguson Gage & Valve Co, 87 Fellsway, Somerville, Mass.
Keckley, O C, Co, 400 W Madison St, Chicago 6, Ill.
Klingerit Inc, 16 Hudson St, New York 13, N. Y.
Liquidometer Corp, 41-03 36th St, Long Island City 1, N. Y.
Lonergan, J E Co, 211 Race St, Phila 6, Pa.
Lunkenheimer Co, P O Box 360, Annex Station, Cincinnati 14, Ohio
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill.
Manning, Maxwell & Moore, Inc, 11 Elias St, Bridgeport 2, Conn.
Mason-Neilan Regulator Co, 1190 Adams St, Boston 24, Mass.
Minneapolis - Honeywell Regulator Co, Industrial Div, Wayne & Roberts Aves, Philadelphia 44, Pa.
Nathan Mfg Co, 418 E 106th St, New York 29, N. Y.
Oil-Rite Corp, 3478 S 13th St, Milwaukee 15, Wis.
Panellit Inc, Panalarm Products Div, 7216 N Clark St, Chicago 26, Ill.
Penberthy Injector Co, 1242 Holden Ave, Detroit 2, Mich.
Powell, Wm, Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Reliance Gauge Column Co, 5902 Carnegie Ave, Cleveland 3, Ohio
Republic Flow Meters Co, 2222 Diversey Parkway, Chicago 47, Ill.
Schaible Co, 1086 Summer St, Cincinnati, Ohio
Simplex Valve & Meter Co, 6780 Upland St, Phila 42, Pa.
Smith, A O, Corp, 3533 N 27th St, Milwaukee 1, Wis.
Tagliabue, C J Mfg Co, 614 Frelinghuysen Ave, Newark 5, N. J.
Taylor Instrument Cos, 95 Ames St, Rochester 1, N. Y.
Trico Fuse Mfg Co, 2948 N 5th St, Milwaukee 12, Wis.
Uehling Instrument Co, 473 Getty Ave, Paterson 3, N. J.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Wallace & Tiernan, 1 Main St, Belleville 9, N. J.
Wright-Austin Co, 3245 Wight St, Detroit 7, Mich.
Yarnall-Waring Co, Chestnut Hill, Philadelphia 18, Pa.

GAGES, PRESSURE

Acrage Co, Milford, Conn.
Air Reduction Sales Co, 60 E 42nd St, New York 17, N. Y.
Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14, Ill.
Bacharach Industrial Instrument Co, 7000 Bennett St, Pittsburgh,
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Blackhawk Mfg Co, 5325 W Rogers St, Milwaukee 1, Wis.
Bristol Co, Waterbury 91, Conn.
Canton Stoker Corp, 741 Andrews Pl, S W, Canton 1, Ohio
Cleveland Fuel Equip Co, 7316 Associate Ave, Cleveland 9, Ohio
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crosby Steam Gage & Valve Co, Kendrick St, Wrentham, Mass.
Defender Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Dockson Corp, 3839 Wabash Ave, Detroit 8, Mich.
Dunham, C A Co, 400 W Madison St, Chicago 6, Ill.
Dwyer, F W, Mfg Co, 317 S Western Ave, Chicago, Ill.
Edison, Thomas A, Inc, Instrument Div, West Orange 3, N. J.
Esterline-Angus Co, Inc, 1201 Main St, Indianapolis 6, Ind.
Fisher Governor Co, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass.
General Electric Co, Schenectady 5, N. Y.
Hays Corp, 742 E 8th St, Michigan City, Ind.
Helicoid Div, American Chain & Cable Co Inc, Bridgeport 2, Conn.
Hotstream Heater Co, 2363 E 69th St, Cleveland 4, Ohio
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill.
Lonergan, J E Co, 209 Race St, Phila 6, Pa.
Manning, Maxwell & Moore, Inc, 11 Elias St, Bridgeport 2, Conn.
Marsh, Jas P, Corp, Skokie, Ill.
Marshalltown Mfg Co, 810 E Nevada, Marshalltown, Iowa
Minneapolis - Honeywell Regulator Co, Industrial Div, Wayne & Roberts Aves, Philadelphia 44, Pa.
Norwalk Valve Co, 33 Railroad Ave, South Norwalk, Conn.
Perfex Corp, 500 W Oklahoma Ave, Milwaukee 7, Wis.
Precision Thermometer & Instr Co, 1401 Brandywine St, Phila. 30, Pa.
Republic Flow Meters Co, 2222 Diversey Parkway, Chicago 47, Ill.
Stack Heater Co, 80 Batterymarch St, Boston 10, Mass.
Sticht, Herman H Co, 27 Park Pl, New York 7, N. Y.
Tagliabue, C J Mfg Co, 614 Frelinghuysen Ave, Newark 5, N. J.
Taylor Instrument Cos, 95 Ames St, Rochester 1, N. Y.
Uehling Instruments Co, 473 Getty Ave, Paterson 3, N. J.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Wallace & Tiernan, 1 Main St, Belleville 9, N. J.
Watson Stillman Co, 108 Aldene Rd, Roselle, N. J.
Weksler Thermometer Corp, 52 W Houston St, New York 12, N. Y.
Williams & Hussey Machine Corp, Wilton, N. H.

GAGES, VACUUM

Acragage Co, Milford, Conn.
Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14, Ill.
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 91, Conn.
Condenser Service & Energ Co, Inc, 89 River St, Hoboken, N. J.
Crosby Steam Gage & Valve Co, Kendrick St, Wrentham, Mass.
Defender Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Dunham, C A Co, 400 W Madison St, Chicago 6, Ill.
Dwyer, F W, Mfg Co, 317 S Western Ave, Chicago, Ill.
Esterline-Angus Co Inc, 1201 Main St, Indianapolis 6, Ind.
Foxboro Co, 38 Neponset Ave, Foxboro, Mass.
General Electric Co, Schenectady 5, N. Y.
Hays Corp, 742 E 8th St, Michigan City, Ind.
Helicoid Div, American Chain & Cable Co, Bridgeport 2, Conn.
Hoffman Specialty Co, 1001 York St, Indianapolis 7, Ind.
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill.
Kinney Mfg Co, 3529-41 Washington St, Boston 30, Mass.
Lonergan, J E Co, 209 Race St, Phila 6, Pa.
Manning, Maxwell & Moore Inc, 11 Elias St, Bridgeport 2, Conn.
Marsh, Jas P, Corp, Skokie, Ill.
Marshalltown Mfg Co, 810 E Nevada, Marshalltown, Iowa
Minneapolis - Honeywell Regulator Co, Industrial Div, Wayne & Roberts Aves, Philadelphia 44, Pa.
Norwalk Valve Co, 33 Railroad Ave, South Norwalk, Conn.
Precision Thermometer & Instr Co, 1401 Brandywine St, Phila. 30, Pa.
Republic Flow Meters Co, 2222 Diversey Parkway, Chicago, Ill.
Sticht, Herman H Co, 27 Park Pl, New York 7, N. Y.
Tagliabue, C J Mfg Co, 614 Frelinghuysen Ave, Newark 5, N. J.
Taylor Instrument Cos, 95 Ames St, Rochester 1, N. Y.
Uehling Instrument Co, 473 Getty Ave, Paterson 3, N. J.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Wallace & Tiernan, 1 Main St, Belleville 9, N. J.
Weksler Thermometer Corp, 52 W Houston St, New York 12, N. Y.
Williams & Hussey Machine Corp, Wilton, N. H.

GALVANOMETERS

Associated Research Inc, 3758 W Belmont Ave, Chicago 18, Ill.
Biddle, James G, Co, 1316 Arch St, Philadelphia 7, Pa.
Cambridge Instrument Co Inc, 3007 Grand Central Terminal, New York 17, N. Y.
General Electric Co, Schenectady 5, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, N. Y. 17, N. Y.
Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
Simpson Electric Co, 5200 W Kinzie St, Chicago 44, Ill.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.
Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

GASKETS, ASBESTOS

Akron Metallic Gasket Co, 150-164 N Union St, Akron, Ohio
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila, Pa.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Chicago-Wilcox Mfg Co, 7701 Avalon Ave, Chicago 19, Ill.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Crane Co, 836 S Michigan Ave, Chicago 5, Ill.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Durabla Mfg Co, 114 Liberty St, New York 6, N. Y.
Ehret Magnesia Mfg Co, Valley Forge, Pa.
Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Fitzgerald Mfg Co, 691 Main St, Torrington, Conn.
Flexitallic Gasket Co, 8th & Bailey Sts, Camden 2, N. J.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Keasbey & Mattison Co, Butler Ave, Ambler, Pa.
Klingerit Inc, 16 Hudson St, New York 13, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Mario Co, Inc, 434 Broadway, New York 13, N. Y.
Murray, A B, Co Inc, 608 Green Lane, Elizabeth, N. J.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
New York Belting & Packing Co, 1 Market St, Passaic, N. J.
Pilot Packing Co Inc, P O Box 748, Sea Cliff, N. Y.
Quaker Rubber Div, H K Porter Co, 4915 Comly St, Philadelphia 24, Pa.
Raybestos-Manhattan, Inc, Packing Div, Manheim, Pa.
Robinson, John R, 350 W 31st St, New York 1, N. Y.
Sea-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
Sexauer, J A Mfg Co, 2503 3rd Ave, New York 51, N. Y.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
U S Gasket Co, 602 N 10th St, Camden, N. J.
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.

GASKETS, COPPER

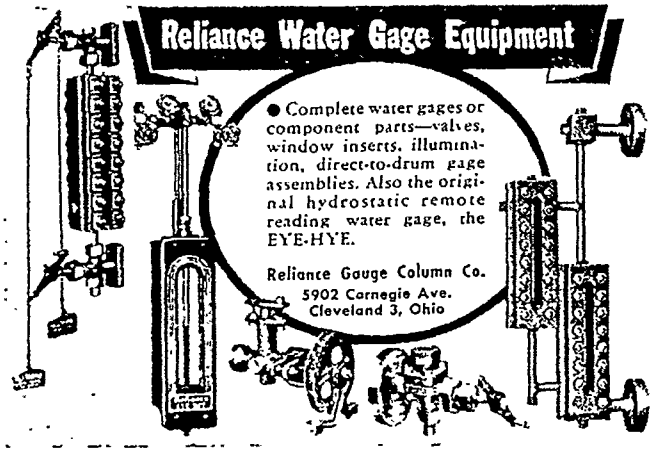
Akron Metallic Gasket Co, 150-164 N Union St, Akron, Ohio
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn.
Chicago-Wilcox Mfg Co, 7701 Avalon Ave, Chicago 19, Ill.
Darcold Co Inc, 145 Sixth Ave, New York 13, N. Y.
Division Lead Co, 836 W Kinzie St, Chicago 22, Ill.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Fitzgerald Mfg Co, 691 Main St, Torrington, Conn.
Flexitallic Gasket Co, 8th & Bailey Sts, Camden 2, N. J.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 E 40th St, New York 16, N. Y.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
Pilot Packing Co Inc, P O Box 748, Sea Cliff, N. Y.
Robinson, John R, 350 W 31st St, New York 1, N. Y.
Sea-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
U S Gasket Co, 602 N 10th St, Camden, N. J.

GASKETS, CORK

Akron Metallic Gasket Co, 150-164 N Union St, Akron, Ohio
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Armstrong Cork Co, Liberty St, Lancaster, Pa.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Chicago-Wilcox Mfg Co, 7701 Avalon Ave, Chicago 19, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Chicago-Wilcox Mfg Co, 7701 Avalon Ave, Chicago 19, Ill.
Ernst Water Column & Gage Co, 250 S Livingston Ave, Livingston, N. J.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Fitzgerald Mfg Co, 691 Main St, Torrington, Conn.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
U. S. Rubber Co, 1230 6th Ave, New York 20, N. Y.

GASKETS, FELT, FIBER

Akron Metallic Gasket Co, 150-164 N Union St, Akron, Ohio
American Felt Co, Glenville, Conn.
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.



For additional information about manufacturers' products

Baldwin - Lima - Hamilton Corp, Paschall P O, Philadelphia 42, Pa.
Bolinders Co Inc, 33 Rector St, New York 6, N. Y.
Buckeye Machine Co, E O'Connor Ave, Lima, Ohio
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Caterpillar Tractor Co, 600 W Washington St, Peoria 8, Ill.
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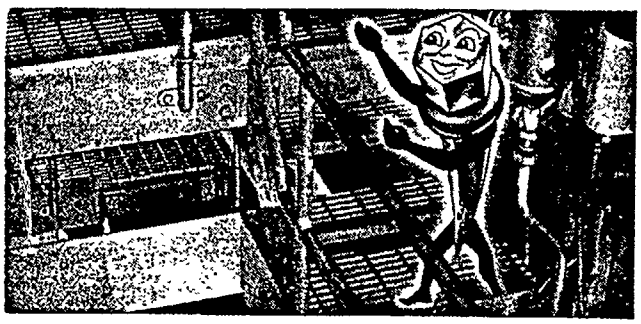

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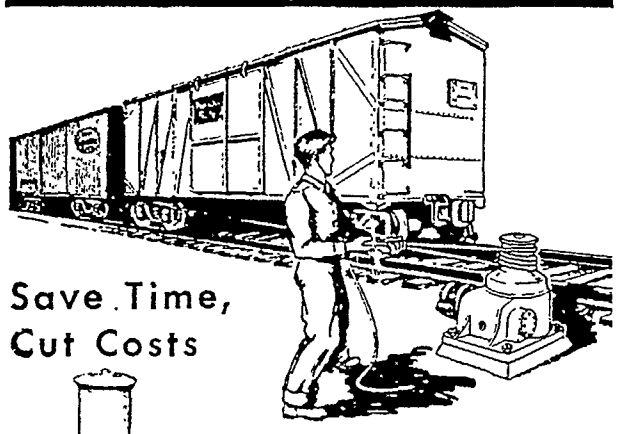

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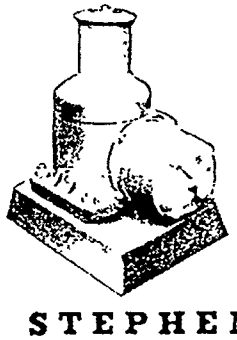

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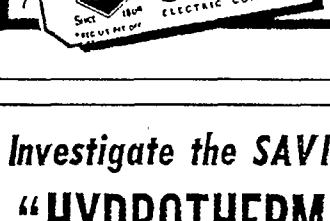

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Porter, H W & Co Inc, 825 Freilinghuysen Ave, Newark 5, N. J.
Quigley Co Inc, 527 Fifth Ave, New York 17, N. Y.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Reflectal Corp, Alfol Insulation Div, 155 E 44th St, New York 17, N. Y.
Refractory & Insulation Corp, 120 Wall St, New York 5, N. Y.
Ruberoid Co, 500 Fifth Ave, New York 18, N. Y.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Standard Asbestos Mfg Co, 860 W Evergreen Ave, Chicago 22, Ill.
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
Zonite Co, 135 La Salle St, Chicago, Ill.

INSULATION, HEAT AND COLD, PIPE COVERING, BLANKETS, BLOCKS

Armstrong Cork Co, Liberty St, Lancaster, Pa.
Baldwin-Hill Co, 500 Breunig Ave, Trenton 2, N. J.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Botfield Refractories Co, 784 S Swanson St, Phila 47, Pa.
Carey, Philip Mfg Co, Lockland, Cincinnati 15, Ohio
Cork Import Corp, 1 Engle St, Englewood, N. J.
Detrick, M H Co, 111 W Washington St, Chicago 2, Ill.
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Ehret Magnesia Mfg Co, Valley Forge, Pa.
Forty-Eight Insulations Inc, Aurora, Ill.
Green, A P, Fire Brick Co, Mexico, Mo.
Gronemeyer Corp, Ft of E 7th St, Wilmington 99, Del.
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Kaylo Div, Owens-Illinois Glass Co, P O Box 1035, Toledo 1, Ohio
Keasbey & Mattison Co, Butler Ave, Ambler, Pa.
Kellogg, M W Co, 225 Broadway, New York 7, N. Y.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
National Gypsum Co, 325 Delaware Ave, Buffalo 2, N. Y.
Owens - Corning Fiberglas Corp, Wayne Bldg, Toledo 1, Ohio
Pabco Products Inc, 475 Brannan St, San Francisco 19, Calif.
Quigley Co Inc, 527 Fifth Ave, New York 17, N. Y.
Reflectal Corp, Alfol Insulation Div, 155 E 44th St, New York 17, N. Y.
Refractory & Insulation Corp, 120 Wall St, New York 5, N. Y.
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
Ruberoid Co, 500 Fifth Ave, New York 18, N. Y.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Standard Asbestos Mfg Co, 860 W Evergreen Ave, Chicago 22, Ill.
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
Zonolite Co, 135 S LaSalle St, Chicago 3, Ill.

INSULATION, SOUND-DEADENING

Armstrong Cork Co, Liberty St, Lancaster, Pa.
Baldwin-Hill Co, 500 Breunig Ave, Trenton 2, N. J.
Cork Import Corp, 1 Engle St, Englewood, N. J.
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Ehret Magnesia Mfg Co, Valley Forge, Pa.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Flintkote Co, 30 Rockefeller Plaza, New York 20, N. Y.
Forty-Eight Insulations Inc, Aurora, Ill.
Industrial Sound Control Inc, 45 Granby St, Hartford, Conn.
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Mortell, J W Co, Kankakee Ill.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
National Gypsum Co, 325 Delaware Ave, Buffalo 2, N. Y.
Owens - Corning Fiberglas Corp, Wayne Bldg, Toledo 1, Ohio
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
Zonolite Co, 135 S LaSalle St, Chicago 3, Ill.

INSULATORS, ELECTRIC

Armstrong Cork Co, Liberty St, Lancaster, Pa.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
General Electric Co, 1 River Rd, Schenectady 5, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, New York 17, N. Y.
U S Gasket Co, 602 N 10th St, Camden, N. J.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.

INTERCOMMUNICATION SYSTEMS

Executone, Inc, 415 Lexington Ave, New York 17, N. Y.
Graybar Electric Co, Inc, 420 Lexington Ave, New York 17, N. Y.
Henschel Corp, 14 Cedar St, Amesbury, Mass.
U. S. Instrument Co, 407 Broad St, Summit, N. J.

ISOLATION, VIBRATION

American Metal Hose Br, American Brass Co, 698 S Main St, Waterbury 20, Conn.
Armstrong Cork Co, Liberty St, Lancaster, Pa.
Brown Engrg Co, 119 E 3rd St, Reading, Pa.
Cork Import Corp, 1 Engle St, Englewood, N. J.
Cork Insulation Co, 155 E 44th St, New York 17, N. Y.
Goshen Rubber Co, Inc, 9th & Iowa St, Goshen, Ind.
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Korfund Co Inc, 48-48E 32nd Place, Long Island City 1, N. Y.
Lord Mfg Co, 1635 W 12th St, Erie, Pa.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
Power Piping Div, Blaw-Knox Co, 1525 Pennsylvania Ave, Pittsburgh 13, Pa.
Raybestos-Manhattan Inc, 61 Willett St, Passaic, N. J.
U. S. Rubber Co, 1230 6th Ave, New York 20, N. Y.
Vibration Eliminator Co, 10-28 47 Ave, L. I. City 1, N. Y.

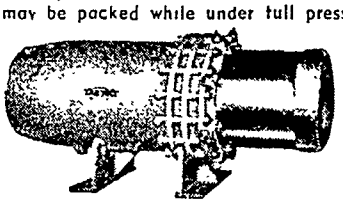
JOINTS, EXPANSION

Alberger Heater Co, 280 Chicago St, Buffalo 4, N. Y.
American District Steam Co, Bryant St, N Tonawanda, N. Y.
American-Marietta Co, 43 E Ohio St, Chicago 11, Ill.
American Ventilating Hose Co, 15 Park Row, New York 7, N. Y.
Badger Fire Extingusher Co, 624 Somerville Ave, Somerville, Mass.
Badger Mfg Co, 260 Bent St, Cambridge 42, Mass.

YARWAY

GUN-PAKT EXPANSION JOINTS

Wrought steel, cylinder guided. Gun-pakt and Gland-pakt types. Gun-pakt (illustrated), the most revolutionary Expansion Joint development of the decade has screw guns for plastic packing; may be packed while under full pressure. Gland-pakt has ring type packing. Sliding sleeves are chromium plated. Single and double end styles, flanged and welding ends, 2" to 24". Also all-brass in smaller sizes. Thousands in use. Proved by years of service.



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YARNALL-WARING COMPANY, 100 MERMAID AVE, PHILA. 18, PA.

GraybaR

has everything for COMMUNICATION

Whether your communication requirements are a simple, signaling device or a plant-wide "intercom" network, call Graybar. Your near-by Graybar Signaling Specialist can help determine the system that's exactly right for you.

For all your other electrical requirements as well, call us. Thousands of electrical items are distributed by Graybar through its network of strategically located warehouses.

Graybar Everything Electrical Graybar Electric Company

Communication equipment and supplies are just a few of the more than 100,000 electrical products distributed by Graybar nationally.

IN OVER 100 PRINCIPAL CITIES

Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Dearborn Chemical Co. Merchandise Mart Plaza. Chicago 54. Ill.
Defender Instrument & Regulator Co. 815 Clark Ave. St Louis 2. Mo.
Eisler Engrg Co. Inc. 757 S 13th St. Newark 3. N. J.
Fischer & Porter Co. 500 County Line Rd. Hatboro. Pa.
Foxboro Co. 38 Neponset Ave. Foxboro. Mass.
Hagan Corp. 323 Fourth Ave. Hagan Bldg. Pittsburgh 30. Pa.
Hays Corp. 742 E 8th St. Michigan City. Ind.
Henszey Co. 202½ Water St. Watertown. Wis.
Leeds & Northrup Co. 4970 Stenton Ave. Philadelphia 44. Pa.
Mason-Neilan Regulator Co. 1190 Adams St. Boston 24. Mass.
Minneapolis-Honeywell Regulator Co. 2753 Fourth Ave S. Minneapolis 8. Minn.
Minneapolis - Honeywell Regulator Co. Industrial Div. Wayne & Roberts Aves. Philadelphia 44. Pa.
Republic Flow Meters Co. 2222 Diversey Parkway. Chicago 47. Ill.
Roots-Connersville Blower Corp. 900 W Mount St. Connersville. Ind.
Schutte & Koerting Co. Cornwells Heights. Bucks County. Pa.
Simplex Valve & Meter Co. 6870 Upland St. Philadelphia 42. Pa.
Smith. A O. Corp. 3533 N 27th St. Milwaukee 1. Wis.
Taylor Instrument Cos. 95 Ames St. Rochester 1. N. Y.
U S Gauge Div. American Machine & Metals Inc. Sellersville. Pa.
Wallace & Tiernan. 1 Main St. Belleville 9. N. J.

METERS, FREQUENCY

Biddle. James G. Co. 1316 Arch St. Philadelphia 7. Pa.
Bristol Co. Waterbury 91. Conn.
Esterline-Angus Co Inc. 1201 Main St. Indianapolis 6. Ind.
General Electric Co. Schenectady 5. N. Y.
Leeds & Northrup Co. 4970 Stenton Ave. Philadelphia 44. Pa.
Minneapolis - Honeywell Regulator Co. Industrial Div. Wayne & Roberts Aves. Philadelphia 44. Pa.
Roller-Smith. 1756 W Market St. Bethlehem. Pa.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.
Weston Electrical Instrument Corp. 614 Frelinghuysen Ave. Newark 5. N. J.

METERS, pH

Bailey Meter Co. 1050 Ivanhoe Rd. Cleveland 10. Ohio
Beckman Instruments Inc. 820 Mission St. South Pasadena. Calif.
Bristol Co. Waterbury 91. Conn.
Cambridge Instrument Co Inc. 3007 Grand Central Terminal. New York 17. N. Y.
Foxboro Co. 38 Neponset Ave. Foxboro. Mass.
Hanson-Van Winkle-Munning Co. Church St. Matawan. N. J.
LaMotte Chemical Products Co. Towson. Baltimore 4. Md.
Leeds & Northrup Co. 4970 Stenton Ave. Philadelphia 44. Pa.
Minneapolis - Honeywell Regulator Co. 2753 Fourth Ave S. Minneapolis 8. Minn.
Minneapolis - Honeywell Regulator Co. Industrial Div. Wayne & Roberts Aves. Philadelphia 44. Pa.
National Technical Labs. 820 Mission St. South Pasedena. Calif.
Permutit Co. 330 W 42nd St. New York 18. N. Y.
Photovolt Corp. 95 Madison Ave. New York 16. N. Y.
Taylor. W A & Co. 7300 York Road. Baltimore 4. Md.

METERS, WATER

Bailey Meter Co. 1050 Ivanhoe Rd. Cleveland 10. Ohio
Bristol Co. Waterbury 91. Conn.
Buffalo Meter Co. 2917 Main St. Buffalo 14. N. Y.
Builders-Providence. Inc. 345 Harris Ave. Providence 1. R. I.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Fischer & Porter Co. 500 County Line Rd. Hatboro. Pa.
Hays Corp. 742 E 8th St. Michigan City. Ind.
Henszey Co. 202½ Water St. Watertown. Wis.
Pennsylvania Industrial Instr Co. 3116 N 17th St. Philadelphia. Pa.
Refinite Corp. Box 1312. Omaha. Nebr.
Republic Flow Meters Co. 2222 Diversey Parkway. Chicago 47. Ill.
Simplex Valve & Meter Co. 6870 Upland St. Philadelphia 42. Pa.
Worthington Pump & Machinery Corp. Harrison. N. J.

METERS, WATT-HOUR

General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Roller-Smith. 1756 W Market St. Bethlehem. Pa.
Sangamo Electric Co. Springfield. Ill.
Sticht. Herman H Co. 27 Park Place. New York 7. N. Y.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTOR-GENERATORS

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Allis. Louis Co. 427 E Stewart St. Milwaukee 7. Wis.
Delco Industrial Equip Div Inc. 52 Iowa Ave. Paterson 3. N. J.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Columbia Electric Mfg Co. 4519 Hamilton Ave. Cleveland 14. Ohio
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J
Electric Machy Mfg Co. 1331 NE Tyler St. Minneapolis 13. Minn.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Electro-Dynamic Div. Electric Boat Co. Bayonne. N. J.
Elliott Co. Jeannette. Pa.
Fairbanks. Morse & Co. Fairbanks-Morse Bldg. Chicago 5. Ill.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Hanson-Van Winkle-Munning Co. Church St. Matawan. N. J.
Hendy. Joshua. Iron Wks. Sunnyvale. Calif.
Hobart Bros Co. Hobart Square. Troy 1. Ohio
Holtzer-Cabot Div National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Kato Engineering Co. 122 Maxfield St. Mankato. Minn.
Onan. D W & Sons. Inc. University Ave. S E at 25th. Minneapolis 14. Minn.
Reliance Electric & Engrg Co. 1068 Ivanhoe Rd. Cleveland 10. Ohio
Robbins & Myers Inc. 1345 Lagonda Ave. Springfield. Ohio
Star-Kimble Motor Div. 200 Bloomfield Ave. Bloomfield. N. J.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTOR STARTERS, AC, DC

Allen-Bradley Co. 1326 S 2nd St. Milwaukee 4. Wis.
Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Arrow-Hart & Hegeman Electric Co. 103 Hawthorn St. Hartford 6. Conn.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Clark Controller Co. 1146 E 152nd St. Cleveland 10. Ohio
Crouse Hinds Co. Wolf & Seventh N. Syracuse 1. N. Y.
Cutler-Hammer Inc. 294 N 12th St. Milwaukee 1. Wis.
Electric Controller & Mfg Co. 2700 E 79 St. Cleveland 4. Ohio
Electric Machy Mfg Co. 1331 NE Tyler St. Minneapolis 13. Minn.
Federal Electric Products Co Inc. 50 Paris St. Newark 5. N. J.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Minneapolis-Honeywell Regulator Co. 2753 Fourth Ave S. Minneapolis 8. Minn.
Penn Electric Switch Co. Goshen. Ind.
Square D Co. 4041 N Richards St. Milwaukee 12. Wis.
Trumbull Electric Mfg Co. 41 Woodford Ave. Plainville. Conn.
U S Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Ward Leonard Electric Co. 100 South St. Mt Vernon. N. Y.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, AC

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Allis. Louis Co. 427 E Stewart St. Milwaukee 7. Wis.
Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Delco Products Div. General Motors Corp. 329 E First St. Dayton 1. Ohio
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J.
Electric Machy Mfg Co. 1331 NE Tyler St. Minneapolis 13. Minn.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Electro-Dynamic Div. Electric Boat Co. Bayonne. N. J.
Elliott Co. Jeannette. Pa.
Fairbanks. Morse & Co. Fairbanks-Morse Bldg. Chicago 5. Ill.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Kato Engineering Co. 122 Maxfield St. Mankato. Minn.
LeTourneau. R G. Inc. Peoria. Ill.
Lime Electric Motor Co. Findlay Rd. Lima. Ohio
Raytheon Mfg Co. Waltham 54. Mass.
Reliance Elec & Engrg Co. 1068 Ivanhoe Rd. Cleveland 10. Ohio
Robbins & Myers Inc. 1345 Lagonda Ave. Springfield. Ohio
Smith. A O Corp. 3533 N 27th St. Milwaukee 1. Wis.
Star-Kimble Motor Div. 200 Bloomfield Ave. Bloomfield. N. J.
Sterling Electric Motors Inc. 5401 Anaheim-Telegraph Rd. Los Angeles 22. Calif.
U S Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, ADJUSTABLE SPEED, VARIABLE SPEED

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Allis. Louis Co. 427 E Stewart St. Milwaukee 7. Wis.
Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J.
Dynamatic Corp. 3307-14th Ave. Kenosha. Wis.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Electro-Dynamic Div. Electric Boat Co. Bayonne. N. J.
Elliott Co. Jeannette. Pa.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Holtzer-Cabot Div. National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Ideal Elec & Mfg Co. E First St. Mansfield. Ohio
Kato Engineering Co. 122 Maxfield St. Mankato. Minn.
Lima Electric Motor Co. Findlay Rd. Lima. Ohio
Link-Belt Co. 2045 W Hunting Park Ave. Philadelphia 40. Pa.
Raytheon Mfg Co. Waltham 54. Mass.
Reeves Pulley Co. Columbus. Ind.
Reliance Electric & Engrg Co. 1068 Ivanhoe Rd. Cleveland 10. Ohio
Star-Kimble Motor Div. 200 Bloomfield Ave. Bloomfield. N. J.
Sterling Electric Motors Inc. 5401 Anaheim-Telegraph Rd. Los Angeles 22. Calif.
U S Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Vickers Inc. 1596 Oakman Blvd. Detroit 32. Mich.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, DC

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Allis. Louis Co. 427 E Stewart St. Milwaukee 7. Wis.
Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Electro-Dynamic Div. Electric Boat Co. Bayonne. N. J.
Elliott Co. Jeannette. Pa.
Fairbanks. Morse & Co. Fairbanks-Morse Bldg. Chicago 5. Ill.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Hendy. Joshua. Iron Wks. Sunnyvale. Calif.
Holtzer-Cabot Div. National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Kato Engineering Co. 122 Maxfield St. Mankato. Minn.
LeTourneau. R G. Inc. Peoria. Ill.

Graybar

has G-E MOTOR CONTROLS

Via Graybar, you can get the right controls for any motor installation. Hand starters; magnetic starters, for remote or automatic control; electronic "wizards" such as the Amplidyne—they're all General Electric, so you know they'll do the job perfectly.

A near-by Graybar Power Specialist is on call to help you solve difficult electric power-drive problems.



G-E Motors and Controls are just a few items of the more than 100,000 electrical products distributed by Graybar nationally.

IN OVER 100 PRINCIPAL CITIES

Reliance Electric & Engrg Co. 1068 Ivanhoe Rd. Cleveland 10. Ohio
Robbins & Myers Inc. 1345 Lagonda Ave. Springfield. Ohio
Star-Kimble Motor Div. 200 Bloomfield Ave. Bloomfield. N. J.
U S Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, FRACTIONAL HP

Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Belco Industrial Equip Div Inc. 52 Iowa Ave. Paterson 3. N. J.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Delco Products Div. General Motors Corp. 329 E First St. Dayton 1. Ohio
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Holtzer-Cabot Div. National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Lima Electric Motor Co. Findlay Rd. Lima. Ohio
Raytheon Mfg Co. Waltham 54. Mass.
Robbins & Myers Inc. 1345 Lagonda Ave. Springfield. Ohio
Smith. A O Corp. 3533 N 27th St. Milwaukee 1. Wis.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, INDUCTION

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Allis. Louis Co. 427 E Stewart St. Milwaukee 7. Wis.
Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St Louis 3. Mo.
Delco Products Div General Motors Corp. 329 E First St. Dayton 1. Ohio
Diehl Mfg Co. 1142 Finderne Ave. Somerville. N. J.
Eclipse-Pioneer Div. Bendix Aviation Corp. Teterboro. N. J.
Electric Machy Mfg Co. 1331 NE Tyler St. Minneapolis 13. Minn.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Electro-Dynamic Div. Electric Boat Co. Bayonne. N. J.
Elliott Co. Jeannette. Pa.
Fairbanks. Morse & Co. Fairbanks-Morse Bldg. Chicago 5. Ill.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Holtzer-Cabot Div. National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Lima Electric Motor Co. Findlay Rd. Lima. Ohio
Reliance Electric & Engrg Co. 1068 Ivanhoe Rd. Cleveland 10. Ohio
Smith. A O Corp. 3533 N 27th St. Milwaukee 1. Wis.
Star-Kimble Motor Div. 200 Bloomfield Ave. Bloomfield. N. J.
Sterling Electric Motors Inc. 5401 Anaheim-Telegraph Rd. Los Angeles 22. Calif.
US Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MOTORS, SYNCHRONOUS

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Atlantic Gear Wks. 200 Lafayette St. New York 12. N. Y.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Burke Electric Co. 12th & Cranberry Sts. Erie. Pa.
Century Electric Co. 1806 Pine St. St. Louis 3. Mo.
Columbia Electric Mfg Co. 4519 Hamilton Ave. Cleveland 14. Ohio
Eclipse-Pioneer Div. Bendix Aviation Corp. Teterboro. N. J.
Electric Machy Mfg Corp. 1331 NE Tyler St. Minneapolis 13. Minn.
Electric Products Co. 1720 Clarkstone Rd. Cleveland 12. Ohio
Elliott Co. Jeannette. Pa.
Fairbanks. Morse & Co. Fairbanks-Morse Bldg. Chicago 5. Ill.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Hendy. Joshua Iron Wks. Sunnyvale. Calif.
Holtzer-Cabot Div. National Pneumatic Co. 125 Amory St. Boston 19. Mass.
Ideal Electric & Mfg Co. E First St. Mansfield. Ohio
Smith. A O. Corp. 3533 N 27th St. Milwaukee 1. Wis.
U S Electrical Motors. 200 E Slauson Ave. Los Angeles 54. Calif.
Wagner Electric Corp. 6400 Plymouth Ave. St Louis 14. Mo.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

MUFFLERS, INTAKE, EXHAUST

Buffalo Pressed Steel Co. Inc. West Side Post Office Box "C". Youngstown 9. Ohio
Burgess-Manning Co. 749 E Park Ave. Libertyville. Ill.
Drico Industrial Corp. 559 W 35th St. New York 6. N. Y.
Fluor Corp. Ltd. 2500 S Atlantic Blvd. Los Angeles 22. Calif.
Industrial Sound Control Inc. 45 Granby St. Hartford. Conn.
Maxim Silencer Co 85 Homestead Ave. Hartford 1. Conn.
Wright-Austin Co. 3245 Wight St. Detroit 7. Mich.

NOZZLES, SPRAY

Aquadyne Corp. 220 E 42nd St. New York 17. N. Y.
Automatic Sprinkler Corp of America. Jones & Brittain Sts. Youngstown 1. Ohio
Bahnson Co. 1001 S Marshall St. Winston-Salem N. C.
Binks Mfg Co. 3114-40 Carrol Ave. Chicago 12. Ill.
Boston Woven Hose & Rubber Co. P O Box 1071. Cambridge. Mass.
Buffalo Forge Co. 488 Broadway. Buffalo 5. N. Y.
Carr. Clifford H. Co. 614 W 67th St. Kansas City 5. Mo.
Central Automatic Sprinkler Co. 4th & Cannon Ave. Lansdale. Pa.
Chain Belt Co. 1674 W Bruce St. Milwaukee 4. Wis.
Deister Concentrator Co. 901 Glasgow Ave. Ft Wayne 1. Ind.
De Vilbiss Co. 300 Phillips Ave. Toledo 1. Ohio
DoAll Co. Des Plaines. Ill.
Eddington Metal Specialty Co. P O Box K. Eddington. Pa.
Farquhar. A B Co. York. Pa.
Flour Corp Ltd. 2500 S Atlantic Blvd. Los Angeles 22. Calif.
Grinnell Co Inc. 260 W Exchange St. Providence 1. R. I.
Johnson Mfg Co. Fox & Holly Sts. Seattle 8. Wash.
Link-Belt Co. 300 W Pershing Rd. Chicago 9. Ill.
Marley Co. Inc. 3001 Fairfax Rd. Kansas City 15. Kans.
Monarch Mfg Works. Inc. 2501 E Ontario St. Phila 34. Pa.
National Airoil Burner Co. 1276 E Sedgley Ave. Philadelphia 34. Pa.
Phillips Cooling Tower Co Inc. 114 Liberty St. NYC 6. N. Y.
Power Piping Div. Blaw-Knox Co. 1525 Pennsylvania Ave. Pittsburgh 12. Pa.
Pritchard. J F & Co. 908 Grand Ave. Kansas City 6. Mo.
Rockwood Sprinkler Co. 38 Harlow St. Worcester 5. Mass.
Schutte & Koerting Co. Cornwells Heights. Bucks County. Pa.
Spraying Systems Co. 3201 Randolph St. Bellwood. Ill.
Supreme Electric Products Corp. 194 Vassar St. Rochester 7. N. Y.
Water Cooling Equip Corp. New Hampshire & Webster Rd. St Louis 23. Mo.
Yarnall-Waring Co. Chestnut Hill. Philadelphia 18. Pa.

OBSERVATION PORTS, BOILER

Bigelow Liptak Corp. 2842 W Grand Blvd. Detroit 2. Mich.
Chicago Fire Brick Co. 1467 Elston Ave. Chicago 22. Ill.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Denver Fire Clay Co. P O Box 5510. Denver 17. Colo.
Detroit Stoker Co. 5-125 General Motors Bldg. Detroit 2. Mich.
Engineer Co. 75 West St. New York 6. N. Y.
Green. A P. Fire Brick Co. Mexico. Mo.
International Combustion Corp. 436 Pearl St. New York. N. Y.
Kennedy Van Saun Mfg & Engrg Corp. 2 Park Ave. N. Y. 16. N. Y.
National Airoil Burner Co. 1276 E Sedgley Ave. Philadelphia 34. Pa.
Plibrico Jointless Firebrick Co 1800 Kinsbury St. Chicago 14. Ill.
Ramtite Co. 2549 W 18th St. Chicago 8. Ill.
Reintjes. Geo P. Co. 2517 Jefferson St. Kansas City. Mo.
Sims Co. 1402 E 18th St. Erie. Pa.

OHMMETERS

Associated Research Inc. 3758 W Belmont Ave. Chicago 18. Ill.
Biddle. James G Co. 1316 Arch St. Philadelphia 7. Pa.
Esterline-Angus Co Inc. 1201 Main St. Indianapolis 6. Ind.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co. 420 Lexington Ave. N. Y. 17. N. Y.
Simpson Electric Co. 5200 W Kinzie. Chicago 44. Ill.
Sticht. Herman H. Co. 27 Park Pl. New York 7. N. Y.
Weston Electrical Instrument Corp. 614 Frelinghuysen Ave. Newark 5. N. J.

OIL BURNING SYSTEMS, INDUSTRIAL

Babcock & Wilcox Co. 85 Liberty St. New York 6. N. Y.
Best. W N Combustion Equip Co. Route 17. Carlstadt. N. J.
Coen Co. 40 Boardman Pl. San Francisco 3. Calif.
Columbia Machine Co. 217 Conant St. Pawtucket. R. I.
Crotty Mfg Co. 133-15 35th Ave. Flushing. N. Y.
Faber Engrg Co. Amber & Westmoreland Sts. Phila 34. Pa.
Forney Engrg Co. 2705 Hawes St. Dallas. Texas
Godfrey-Keeler Co. 1 Hudson St. New York 13. N. Y.
Hammel Oil Burning Equip Co. 50 Allepo St. Providence. R I
Hauck Mfg Co. 136 10th St. Brooklyn 15. N. Y.
International Combustion Corp. 436 Pearl St. N. Y. 7. N. Y.
Johnson. S T. Burner Co. 940 Arlington Ave Oakland 8. Calif.
Leahy Mfg Co. 1804 E 8th St. Los Angeles 21. Calif.
Lientz. B P Mfg Co. 210 W 8th St. Kansas City. Mo.
Lockett. A M & Co. Ltd. Whitney Bldg. New Orleans 7. La.
National Airoil Burner Co. 1276 E Sedgley Ave. Philadelphia 34. Pa.
North American Mfg Co. 4455 E 71st St. Cleveland 5. Ohio
Peabody Engrg Corp. 580 Fifth Ave. New York 19. N. Y.
Preferred Utilities Mfg Corp. 1860 Broadway. New York 23. N. Y.
Ray Oil Burner Co. 401 Bernal Ave. San Francisco 12. Calif.
Rockwell. W S Co. 200 Eliot St. Fairfield. Conn.
Schutte & Koerting Co. Cornwells Heights. Bucks County. Pa.
Staples & Pfeiffer. 528 Bryant St. San Francisco 7. Calif.
Superior Combustion Industries Inc. Times Bldg. New York 18. N. Y.
Todd Shipyards Corp. Combustion Equip Div. 8116 45th Ave. Elmhurst. N. Y.
York-Shipley Inc. York. Pa.

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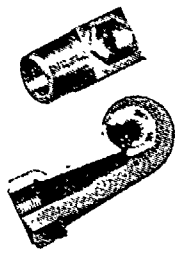

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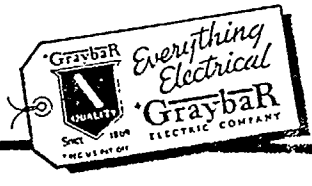

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OIL TREATMENT, FUEL

Acme Industrial Compounds Corp, 625 S Goodman St, Rochester 7, N. Y.
Alken-Murray Corp, 131 E 23rd St, New York 10, N. Y.
Alladdin Laboratories Inc, 68 William St, New York 5, N. Y.
American Sand-Banum Co, Inc, 9 Rockefeller Plaza, N. Y. 20, N. Y.
Bird-Archer Co, 400 Madison Ave, New York 17, N. Y.
Brooks Chemicals Inc, 3304 E 87th St, Cleveland, Ohio
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Dearborn Chemical Co, Merchandise Mart Plaza, Chicago 54, Ill.
Drew, E F & Co, 15 E 26th St, New York 10, N. Y.
Ellis Service Co Inc, 752 South St, Walpole, Mass.
Feedwater Inc, 140 Cedar St, New York 6, N. Y.
Houghton, E F & Co, 303 W Lehigh Ave, Philadelphia 33, Pa.
Magnus Chemical Co, Inc, South Ave, Garwood, N. J.
Maxfal Chemical Co, 33 W 42nd St, New York 18, N. Y.
Monsanto Chemical Co, 1700 S Second St, St, Louis 4, Mo.
National Airoil Burner Co, 1276 E Sedgley Ave, Philadelphia 34, Pa.
National Aluminate Corp, 6246 W 66th Place, Chicago 38, Ill.
Perolin Co Inc, 10 E 40th St, New York 16, N. Y.
Sanson, H E, & Sons, Inc, 145 Quaker Ridge Rd, Manhasset, L. I., N. Y.
Standard Chemicals Inc, 36 Summer St, Natick, Mass.
Suhm Co, 4701 W Electric Ave, Milwaukee 14, Wis.
Swan-Finch Oil Corp, 30 Rockefeller Plaza, New York 20, N. Y.
Western Chemical Co, 713-15 Washington St, Kansas City 6, Mo.
Xzit Chemical Co, 158-14th St, Hoboken, N. J.

OILING SYSTEMS, LUBRICATION

Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14
Bowser Inc, Fort Wayne 2, Ind.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
De Laval Separator Co, 165 Broadway, New York 6, N. Y.
Farval Corp, 3262 E 80th St, Cleveland 4, Ohio
Gray Co Inc, 60 11th Ave, SE, Minneapolis 13, Minn.
Lincoln Engrg Co, 5701 Natural Bridge Ave, St Louis 20, Mo.
Manzel Div, Frontier Industries Inc, 315 Babcock St, Buffalo 10, N. Y.
Nathan Mfg Co, 416 E 106th St, New York 29, N. Y.
Nugent, Wm W, & Co Inc, 402 N Hermitage Ave, Chicago 22, Ill.
Oil-Rite Corp, 3478 S 13th St, Milwaukee 15, Wis.
Sanson, H E, & Sons, Inc, 145 Quaker Ridge Rd, Manhasset, L. I., N. Y.
Trico Fuse Mfg Co, 2948 N 5th St, Milwaukee 12, Wis.

OILS, FUEL

Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
Esso Standard Oil Co, 15 W 51st St, New York 19, N. Y.
Freedom-Valvoline Oil Co, Freedom, Pa.
Gulf Oil Corp, Gulf Refining Co, 3800 Gulf Bldg, Pittsburgh 30, Pa.
Macmillan Petroleum Corp, 530 W 6th St, Los Angeles 14, Calif.
Pure Oil Co, 35 E Wacker Drive, Chicago 1, Ill.
Shell Oil Co Inc, 50 W 50th St, New York 20, N. Y.
Sinclair Refining Co, 630 Fifth Ave, New York 20, N. Y.
Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
Sprague, C H & Son Co, 10 Postoffice Sq, Boston 9, Mass.
Standard Oil Co of Calif, 225 Bush St, San Francisco 20, Calif.
Standard Oil Co, Indiana, 910 S Michigan Ave, Chicago 90, Ill.
Texas Co, 135 E 42nd St, New York 17, N. Y.
Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.

OILS, LUBRICATING

Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14, Ill.
Adam Cook's Sons Inc, 5 N Stiles St, Linden, N. J.
Cabot, Samuel Inc, 141 Milk St, Boston 9, Mass.
Chard & Howe, 170 Broadway, New York 7, N. Y.
Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
Dearborn Chemical Co, Merchandise Mart Plaza, Chicago 54, Ill.
DoAll Co, Des Plaines, Ill.
Dow Corning Corp, Midland, Mich.
Esso Standard Oil Co, 15 W 51st St, New York 19, N. Y.
Fiske Bros Refining Co, Lubriplate Div, 129 Lockwood St, Newark 5, N. J.
Freedom-Valvoline Oil Co, Freedom, Pa.
Frictioneeze Corp, P O Box 8304, Fort Worth, Texas
Gulf Oil Corp, Gulf Refining Co, 3800 Gulf Bldg, Pittsburgh 30, Pa.
Houghton, E F & Co, 303 W Lehigh Ave, Philadelphia 33, Pa.
Kano Laboratories, 1000 S Thompson Lane, Nashville 11, Tenn.
Keystone Lubricating Co, 21st & Clearfield Sts, Philadelphia 32, Pa.
Macmillan Petroleum Corp, 530 W 6th St, Los Angeles 14, Calif.
N Y & N J Lubricant Co, 292 Madison Ave, New York 17, N. Y.
Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
Pure Oil Co, 35 E Wacker Drive, Chicago 1, Ill.
Ridge Tool Co, 400 Clark St, Elyria, Ohio
Shell Oil Co Inc, 50 W 50th St, New York 20, N. Y.
Sinclair Refining Co, 630 Fifth Ave, New York 20, N. Y.
Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
Sonneborn, L Sons, Inc, 300 Fourth Ave, New York 10, N. Y.
Standard Oil Co of Calif, 225 Bush St, San Francisco 20, Calif.
Standard Oil Co, Indiana, 910 S Michigan Ave, Chicago 90, Ill.
Swan-Finch Oil Corp, 30 Rockefeller Plaza, New York 20, N. Y.
Texas Co, 135 E 42nd St, New York 17, N. Y.
Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.
Waverly Petroleum Products Co, 1724 Chestnut St, Phila 3, Pa.
X Laboratories Inc, 25 West 45th St, New York 19, N. Y.

OILS, SWITCH AND TRANSFORMER

Adam Cook's Sons Inc, 5 N Stiles St, Linden, N. J.
Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
Esso Standard Oil Co, 15 W 51st St, New York 19, N. Y.
Freedom-Valvoline Oil Co, Freedom, Pa.
General Electric Co, Schenectady 5, N. Y.
Gulf Oil Corp, Gulf Refining Co, 3800 Gulf Bldg, Pittsburgh 30, Pa.
Kano Laboratories, 1000 S Thompson Lane, Nashville 11, Tenn.
Monsanto Chemical Co, 1700 S Second St, St, Louis 4, Mo.
Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
Pure Oil Co, 35 E Wacker Drive, Chicago 1, Ill.
Shell Oil Co Inc, 50 W 50th St, New York 20, N. Y.
Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
Swan-Finch Oil Corp, 30 Rockefeller Plaza, New York 20, N. Y.
Texas Co, 135 E 42nd St, New York 17, N. Y.
Tide Water Associated Oil Co, 17 Battery Place, N Y C 4, N. Y.

ORIFICES, METER

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barton Instrument Corp, 1429 S Eastern Ave, Los Angeles 22, Calif.
Builders-Providence, Inc, 345 Harris Ave, Providence 1, R. I.
Hays Corp, 742 E 8th St, Michigan City, Ind.
Madden, P E & Co, 352 W Walton St, Chicago 10, Ill.
Mason-Neilan Regulator Co, 1190 Adams St, Boston 24, Mass.
Minneapolis - Honeywell Regulator Co, Industrial Div, Wayne & Roberts Aves, Philadelphia 44, Pa.
Pennsylvania Indust Instr Co, 3116 N 17 St, Phila, Pa.
Precision Thermometer & Instr Co, 1401 Brandywine St, Phila 30, Pa.
Republic Flow Meters Co, 2222 Diversey Parkway, Chicago 47, Ill.
Simplex Valve & Meter Co, 6870 Upland St, Philadelphia 42, Pa.
Strong Carlisle & Hammond Co, 1392 W 3rd St, Cleveland, Ohio
Taylor Instrument Cos, 95 Ames St, Rochester 1, N. Y.

PACKING, ASBESTOS

Allpax Co Inc, 805 Mamaroneck Ave, Mamaroneck, N. Y.
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila 37, Pa.
Braiding & Packing Works of America, Inc, 250-252 46th St, Brooklyn 20, N. Y.
Carey, Philip Mfg Co, Lockland, Cincinnati 15, Ohio
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcoid Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Durabla Mfg Co, 114 Liberty St, New York 6, N. Y.
Durametallic Corp, Factory St, Kalamazoo 24, Mich.
Ehret Magnesia Mfg Co, Valley Forge, Pa.
Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Gilmer, L H Co, Div U. S. Rubber Co, Tacony, Philadelphia 35, Pa.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Goodrich, B F, Co, Akron, Ohio
Goodyear Tire & Rubber Co, Inc, 1144 E Market St, Akron 16, Ohio

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Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Keasbey & Mattison Co, Butler Ave, Ambler, Pa.
Klingerit Inc, 16 Hudson St, New York 13, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Marlo Co, Inc, 434 Broadway, New York 13, N. Y.
Metalastic Mfg Corp, 536 Broad St, Glen Rock, N. J.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
New York Belting & Packing Co, 1 Market St, Passaic, N. J.
Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
Q-P Packing Div, Tillotson Rubber Co, Needham Heights 94, Mass.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Republic Rubber Div, Lee Rubber & Tire Corp, Albert St, Youngstown 1, Ohio
Sea-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
Sexauer, J A, Mfg Co, 2503 3rd Ave, New York 51, N. Y.
Sims Pump Valve Co, Inc, 145 Hudson St, New York 13, N. Y.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.
Walker, James, Packing Co Inc, 96 Liberty St, New York 6, N. Y.

PACKING, FELT FIBER

American Felt Co, Glenville, Conn.
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila 37, Pa.
Braiding & Packing Wks of America, Inc, 250-252 46th St, Brooklyn 20, N. Y.
Carey, Philip Mfg Co, Lockland, Cincinnati 15, Ohio
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Edward Valves Inc, 1200 W 145 St, East Chicago, Ind.
Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Felters Co, 210 South St, Boston 11, Mass.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Flexrock Co, 3677 Filbert St, Phila 4, Pa.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Gilmer, L H Co, Div U. S. Rubber Co, Tacony, Philadelphia 35, Pa.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 E 40th St, New York 16, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Marlo Co, Inc, 434 Broadway, New York 13, N. Y.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
New York Belting & Packing Co, 1 Market St, Passaic, N. J.
Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Sims Pump Valve Co, Inc, 145 Hudson St, New York 13, N. Y.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.

PACKING, FLAX

Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila 37, Pa.
Braiding & Packing Works of America, Inc, 250-252 46th St, Brooklyn 20, N. Y.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Ehret Magnesia Mfg Co, Valley Forge, Pa.
Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Gilmer, L H Co, Div U. S. Rubber Co, Tacony, Philadelphia 35, Pa.
Goodall Rubber Co, Whitehead Rd, Trenton 4, N. J.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Klingerit Inc, 16 Hudson St, New York 13, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Marlo Co, Inc, 434 Broadway, New York 13, N. Y.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
New York Belting & Packing Co, 1 Market St, Passaic, N. J.
Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Sea-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.
Walker, James, Packing Co, Inc, 96 Liberty St, New York 6, N. Y.

PACKING, HEMP, JUTE

Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila 37, Pa.
Braiding & Packing Works of America, Inc, 250-252 46th St, Brooklyn 20, N. Y.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Division Lead Co, 836 W Kinzie St, Chicago 22, Ill.
Enret Magnesia Mfg Co, Valley Forge, Pa.
Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Flexrock Co, 3677 Filbert St, Phila 4, Pa.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Goodall Rubber Co, Whitehead Rd, Trenton, N. J.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Marlo Co Inc, 434 Broadway, N. Y. 13, N. Y.
New Jersey Asbestos Co, 1 Water St, New York, N. Y.
New York Belting & Packing Co, 1 Market St, Passaic, N. J.
Pilot Packing Co Inc, P O Box 748, Sea Cliff, N. Y.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Sea-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
Sims Pump Valve Co, Inc, 145 Hudson St, New York 13, N. Y.
Sterling Packing & Gasket Co, 1701 Nance St, Houston 10, Texas
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.
Walker, James, Packing Co, Inc, 96 Liberty St, New York 6, N. Y.

PACKING, HYDRAULIC

Alexander Bros, 406 N 3rd St, Phila 7, Pa.
Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.
Belmont Packing & Rubber Co, Butler & Sepviva Sts, Phila 37, Pa.
Braiding & Packing Wks of America, Inc, 250-252 46th St, Brooklyn 20, N. Y.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Chicago Belting Co, 125 N Green St, Chicago 7, Ill.
Collins Packing Co, Inc, 401 N Broad St, Philadelphia 8, Pa.
Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
Darcold Co, Inc, 145 Sixth Ave, New York 13, N. Y.
Darling Valve & Mfg Co, Foot Walnut St, Williamsport, Pa.
Duraметallic Corp, Factory St, Kalamazoo 24, Mich.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Gilmer, L H Co, Div U. S. Rubber Co, Tacony, Philadelphia 35, Pa.
Goshen Rubber Co, Inc, 9th & Iowa St, Goshen, Ind.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
Houghton, E F & Co, 303 W Lehigh Ave, Phila 33, Pa.
Johns-Manville, 22 East 40th St, New York 16, N. Y.
Linear Inc, State Rd & Levick St, Tacony, Phila 35, Pa.
Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
Q-P Packing Div, Tillotson Rubber Co, Needham Heights 94, Mass.
Quaker Rubber Div, H K Porter Co, 4915 Comly St, Philadelphia 24, Pa.
Raybestos-Manhattan Inc, Packing Div, Manheim, Pa.
Rhoads, J E & Sons, 35 N 6th St, Philadelphia 6, Pa.
Schieren, Chas, A Co, 30 Ferry St, New York 38, N. Y.
Sims Pump Valve Co, Inc, 145 Hudson St, Cleveland 3, Ohio
Union Asbestos & Rubber Co, Dept 1819, 332 S Michigan Ave, Chicago 4, Ill.
United States Rubber Co, 1230 6th Ave, New York 20, N. Y.
Walker, James, Packing Co, Inc, 96 Liberty St, New York 6, N. Y.

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Originated in 1915 by Ernest H. Smith, Inventor and Packing Consultant, "OVALHOLE" has been developed into a complete line of packing for practically every place where packing is used. The "hollow center" principle is embodied in many styles of packing constructed from different materials for different types of service.

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THE UNIVERSAL PACKING

ALL THE PACKING IS EFFECTIVE!



When worn so that the gland is taken up entirely, it is not necessary to replace ALLPAX with new packing . . . simply back off the gland and add a sufficient amount to fill the stuffing box. This feature of ALLPAX means great economy. There is no waste, oil of the packing being effective. Furthermore, the repacking job is faster and easier.

ALLPAX maintains its resiliency over long periods of service. Conditions itself to a glassy, non-scratching surface and is guaranteed not to score the shaft.

There is a type of ALLPAX for every packing need. Available in coil, ring and loose forms. Furnished in all sizes. Specialists in solving packing problems. *Write for catalog and recommendation sheet.*

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SAVES TIME-LABOR
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REDUCES REPACKING
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FOR HIGH and LOW PRESSURE

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"EUREKA"
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PACKINGS for ALL PURPOSES

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Recommends
"RAMIE"
— FIBRE PACKING
For Service Against
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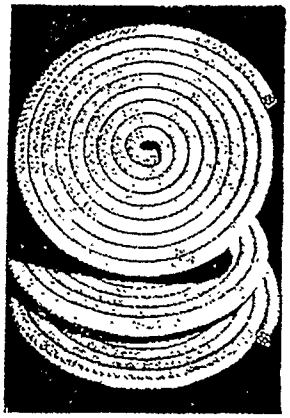
"RAMIE" is a strong fibre—retains lubrication longer, shows less wear on rod.

Furnished in all sizes—⅜" and larger.

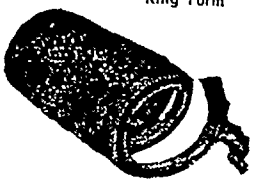


EUREKA STYLE #218





AMBEST — in Ring Form



AMBEST — in Spiral Form

"AMBEST" — The Universal Packing

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GENUINE "EUREKA" OVAL GUM CORE



Especially recommended for use in stuffing boxes of drying cans. A rod packing unexcelled for long service. Made in sizes from ¼" to 2".

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HIGH PRESSURE ASBESTOS TEAM—for reciprocating or oscillating rods and plungers against steam or air at high speed up to 600°F. sizes ¼" to 1½"—spiral coil and ring form.

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not

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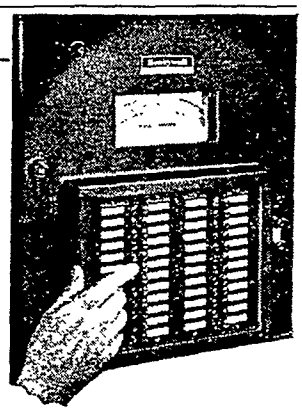
Push the buttons—read the temperatures



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A simple push of a switch-button instantly and accurately "tunes" you in to a specific location. Button stays in until another is pushed . . . permitting logging of temperatures, when required. Just install thermocouples at the points from which you desire temperature readings and connect them to the instrument.

Standard units have 6, 12, 18, 24, 30, 36 or 48 switches. Supplementary switching stations can be mounted adjacent to instrument for additional temperature measurements.

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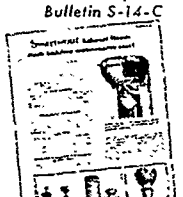
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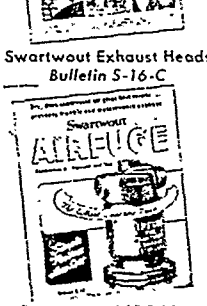

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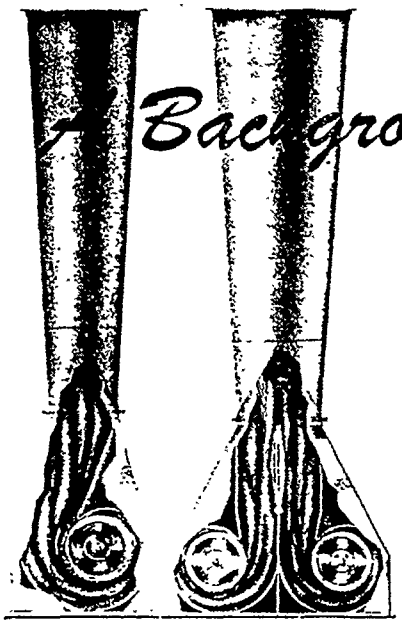

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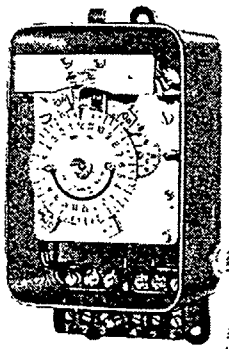

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Mulconroy Co. 54th & Jefferson St. Phila 31. Pa.
Packless Metal Products Corp. 31 Winthrop Ave. New Rochelle. N. Y.
Pennsylvania Flexible Metallic Tubing Co. 72nd & Powers Lane, Phila 42, Pa.
Revere Copper and Brass Inc. 230 Park Ave. New York 17. N. Y.
Seamlex Co. Inc. 41-23 24th St. Long Island City 1. N. Y.
Titeflex Inc. 500 Frelinghuysen Ave. Newark 5. N. J.
Universal Metal Hose Corp. 2133 S Kedzie St. Chicago 23. Ill.
Zallea Bros. 801 Locust St. Wilmington 99. Del.

TUBING, GLASS

Anchor Packing Co. 401 N Broad St. Philadelphia 8, Pa.
Chesterton. A W Co. 6 Ashland St. Everett 49. Mass.
Corning Glass Works. Corning, N. Y.
Fischer & Porter Co. 500 County Line Rd. Hatboro, Pa.

TURBINES, GAS

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Baldwin - Lima - Hamilton Corp. Paschall P O, Philadelphia 42, Pa.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Clark Bros Co. Inc. Olean. N. Y.
DeLaval Steam Turbine Co. Trenton 2. N. J.
Elliott Co. Jeannette. Pa.
General Electric Co. Schenectady 5, N. Y.
Westinghouse Electric Corp. Braddock Ave. East Pittsburgh. Pa.

TURBINES, HYDRAULIC

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Baldwin - Lima - Hamilton Corp. Paschall P O. Philadelphia 42, Pa.
DeLaval Steam Turbine Co. Trenton 2. N J
Hunt. Rodney. Machine Co, Orange. Mass.
Leffel. James & Co. 426 East St. Springfield. Ohio
Smith. S Morgan. Co. 500 Lincoln St. York. Pa.

TURBINES, STEAM, GENERATOR DRIVE, 7500 KW AND UNDER

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee. Wis.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
DeLaval Steam Turbine Co. Trenton 2. N. J.
Elliott Co. Jeannette. Pa.
General Electric Co. Schenectady 5, N. Y.
Hendy. Joshua. Iron Wks. Sunnyvale. Calif.
Murray Iron Works Co. 1106 Washington St. Burlington. Iowa
Terry Steam Turbine Co. P O Box 1200. Hartford 1. Conn.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.
Whiton Machine Co. 190 Howard St. New London. Conn.
Worthington Pump & Machinery Corp, Harrison, N. J.

TURBINES, STEAM, GENERATOR DRIVE, OVER 7500 KW

Allis-Chalmers Mfg Co, 952 S 70th St. Milwaukee 1. Wis.
Brown Boveri Corp. 19 Rector St, New York 6. N. Y.
DeLaval Steam Turbine Co, Trenton 2. N. J.
Elliott Co. Jeannette. Pa.
General Electric Co. Schenectady 5, N. Y.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30. Pa.
Worthington Pump & Machy Corp, Harrison. N. J.

TURBINES, STEAM, MECHANICAL DRIVE

Brown Boveri Corp. 19 Rector St, New York 6. N. Y.
Coppus Engrg Corp. 344 Park Ave. Worcester 2, Mass.
DeLaval Steam Turbine Co, Trenton 2. N. J.
Elliott Co. Jeannette. Pa.
General Electric Co, Schenectady 5, N. Y.
Hendy. Joshua. Iron Wks. Sunnyvale. Calif
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Pyle-National Co. 1334 N Kostner Ave. Chicago 51. Ill.
Schellens-True Corp, Main St, Ivoryton, Conn.
Terry Steam Turbine Co. P O Box 1200. Hartford 1. Conn.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.
Whiton Machine Co. 190 Howard St. New London. Conn.
Wing. L J. Mfg Co. Linden. N. J.
Worthington Pump & Machinery Corp, Harrison, N. J.

TURBOBLOWERS

Allis-Chalmers Mfg Co. 952 S 70th St. Milwaukee 1. Wis.
Brown Boveri Corp. 19 Rector St. New York 6. N. Y.
Carling Turbine Blower Co, 25 St John's Rd. Worcester 3, Mass.
DeLaval Steam Turbine Co. Trenton 2. N. J.
Elliott Co. Jeannette. Pa.
General Blower Co, 8608 Ferriss Ave. Morton Grove. Ill.
Ingersoll-Rand Co. 11 Broadway, New York 4. N. Y.
North American Mfg Co. 4455 E 71st St. Cleveland 5, Ohio
Roots-Connersville Blower Corp. 900 W Mount St. Connersville. Ind.
Schellens-True Corp. Main St, Ivoryton. Conn.
Spencer Turbine Co. 486 New Park Ave. Hartford 6. Conn.
U. S. Air Conditioning Corp, Como Ave S E at 33rd. Minneapolis 14, Minn.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.
Westinghouse Elec Corp. Sturtevant Div. Hyde Park. Boston 36. Mass.
Wing. L J. Mfg Co. Linden. N. J.

UNIONS

Alloy Steel Products Co. 1300 W Elizabeth St. Linden. N. J.
Catawissa Valve & Fittings Co, 206 Mill St, Catawissa. Pa.
Chase Brass & Copper Co. 236 Grand St, Waterbury 20, Conn.
Chiksan Co. 330 N Pomona Ave. Brea. Calif.
Crane Co. 836 S Michigan Ave. Chicago 5. Ill.
Dart Union Co. 134 Thurbers Ave. Providence 5, R. I.
Fairbanks Co. 393 Lafayette St. New York 3. N. Y.
Flagg. Stanley G & Co, Inc. 1421 Chestnut St. Phila 2. Pa.
Fiori Pipe Co. 601 E Red Bud Ave. St Louis. Mo.
Frick Co. W Main St, Waynesboro. Pa.
General Fittings Co. 123 Georgia Ave. Providence 5, R. I.
General Metals Corp. 18th & Florida Sts. San Francisco 10, Calif.
Grinnell Co Inc. 260 W Exchange St. Providence 1. R. I.
Henry Valve Co. 3215 North Ave. Melrose Park. Ill.
Jarecki Mfg Co. 1345 W 12 St. Erie. Pa.
Kennedy Valve Mfg Co. 1060 E Water St. Elmira. N. Y.

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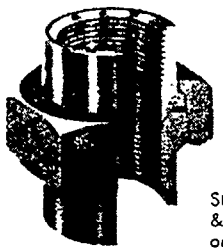

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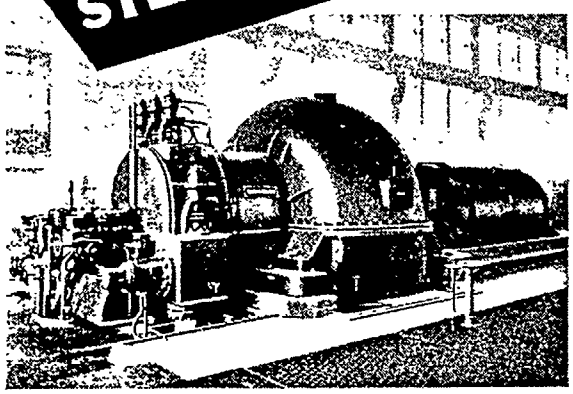

Straight Condensing, Back Pressure and Extraction types, including generators and exciters—for all steam conditions and capacities.

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Nelson, Herman Div American Air Filter Co, 1824 3rd Ave, Moline, Ill.
Newcomb-Detroit Co, 5741 Russell St, Detroit 11, Mich.
Robbins & Myers Inc, 1345 Lagonda Ave, Springfield, Ohio
South Bend Air Products, Inc, 322 E Colfax Ave, South Bend, 22, Ind.
South Bend Electric Co, 322 E Colfax Ave, South Bend 22, Ind.
Swartwout Co, 18511 Euclid Ave, Cleveland 12, Ohio
Trane Co, LaCrosse, Wis.
U. S. Air Conditioning Corp, Como Ave S E at 33rd St, Minneapolis 14, Minn.
Voss Machine Works, 242 E 122nd St, New York, N. Y.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.
Westinghouse Elec Corp, Sturtevant Div, Hyde Park, Boston 36, Mass.
Wing, L J, Mfg Co, Linden, N. J.

VIBRATORS, BIN, CAR, CHUTE AND HOPPER

Beaumont Birch Co, 1505 Race St, Philadelphia 2, Pa.
Cleco Div, Reed Roller Bit Co, 5125 Clinton Drive, Houston 20, Texas
Jeffrey Mfg Co, 932 N Fourth St, Columbus 16, Ohio
National Conveyor & Supply Co, 346 N Harding Ave, Chicago 24, Ill.
Syntron Co, 492 Lexington, Homer City, Pa.

Look for the noun in the product listing, for example:

Boilers, Waste-Heat

not

Waste-Heat Boilers

VOLTMETERS, INDICATING

Alemite Div, Stewart-Warner Corp, 1826 Diversey Pkwy, Chicago 14, Ill.
Associated Research Inc, 3758 W Belmont Ave, Chicago 18, Ill.
Beckman Instruments Inc, 820 Mission St, South Pasadena, Calif.
Burlington Instrument Co, 203 N 3rd St, Burlington, Iowa
General Electric Co, Schenectady 5, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, New York 17, N. Y.
J-B-T Instruments Inc, 441 Chapel St, New Haven 8, Conn.
Hanson-Van Winkle-Munning Co, Church St, Matawan, N. J.
Marion Electrical Instrument Co, Stark St Gate, Manchester, N. H.
Pyramid Instrument Corp, 307 Canal St, New York, N. Y.
Roller-Smith, 1756 W Market St, Bethlehem, Pa.
Simpson Electric Co, 5200 W Kinzie, Chicago 44, Ill.
Sticht, Herman H Co, 27 Park Pl, New York 7, N. Y.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.
Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.
Wheelco Instruments Co, 847 W Harrison St, Chicago 7, Ill.

VOLTMETERS, RECORDING

Bristol Co, Waterbury 91, Conn.
Esterline-Angus Co 1201 Main St, Indianapolis 6, Ind.
General Electric Co, Schenectady 5, N. Y.
Graybar Electric Co Inc, 420 Lexington Ave, N Y C 17, N. Y.
Hanson-Van Winkle-Munning Co, Church St, Matawan, N. J.
Sticht, Herman H Co, 27 Park Pl, New York 7, N. Y.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.
Wheelco Instruments Co, 847 W Harrison St, Chicago 7, Ill.

WALLS, BOILER-FURNACE, AIR-COOLED

Allen-Sherman-Hoff Co, 227 S 15th St, Phila 2, Pa.
American Arch Co Inc, 60 E 42nd St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 89 Broad St, Boston 10, Mass.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Carborundum Co, Perth Amboy, N. J.
Chicago Fire Brick Co, 1467 Elston Ave, Chicago 22, Ill.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Detrick, M H Co, 111 W Washington St, Chicago 2, Ill.
Green, A P, Fire Brick Co, Mexico, Mo.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, N. Y. 16, N. Y.
Laclede Christy Co, 3600 Forbes St, Pittsburgh 13, Pa.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Norton Co, 1 New Bond St, Worcester 6, Mass.
Plibrico Jointless Firebrick Co, 1800 Kingsbury St, Chicago 14, Ill.
Quigley Co Inc, 527 Fifth Ave, New York 17, N. Y.
Ramtite Co, 2549 W 18th St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City, Mo.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Waite Gravity Lock Refractories, 111 Westminster St, Providence 3, R. I.

WALLS, BOILER-FURNACE, PLAIN

Bernitz Furnace Appliance Co, 89 Broad St, Boston 10, Mass.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Carborundum Co, Perth Amboy, N. J.
Carolina Refractories Co, Hartsville, S. C.
Chicago Fire Brick Co, 1467 Elston Ave, Chicago 22, Ill.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crotty Mfg Co, 133-15 35th Ave, Flushing, N. Y.
Detrick M H Co, 111 W Washington St, Chicago 2, Ill.
Green, A P, Fire Brick Co, Mexico, Mo.
Laclede Christy Co, 3600 Forbes St, Pittsburgh 13, Pa.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Norton Co, 1 New Bond St, Worcester 6, Mass.
Palmer Mfg Corp, 21st Ave at Fillmore St, Phoenix, Ariz.
Plibrico Jointless Firebrick Co, 1800 Kingsbury St, Chicago 14, Ill.
Quigley Co Inc, 527 Fifth Ave, New York 17, N. Y.
Ramtite Co, 2549 W 18th St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City, Mo.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Waite Gravity Lock Refractories, 111 Westminster St, Providence 3, R. I.

WALLS, BOILER-FURNACE, WATER-COOLED

American Engrg Co, Aramingo Ave & Cumberland Sts, Philadelphia 25, Pa.
Babcock & Wilcox Co, 85 Liberty St, New York 6, N. Y.
Bernitz Furnace Appliance Co, 89 Broad St, Boston 10, Mass.
Bigelow Co, Lloyd & River Sts, New Haven 13, Conn.
Bigelow Liptak Corp, 2842 W Grand Blvd, Detroit 2, Mich.
Combustion Engrg-Superheater Inc, 200 Madison Ave, N. Y. 16, N. Y.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Crotty Mfg Corp, 133-15 35th Ave, Flushing, N. Y.
Edge Moor Iron Wks Inc, 100 Edge Moor St, Edge Moor, Delaware
Erie City Iron Wks, 1422 East Ave, Erie, Pa.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
E Keeler Co, 238 West St, Williamsport 3, Pa.
Kennedy Van Saun Mfg & Engrg Corp, 2 Park Ave, 16, N. Y., N. Y.
Laclede Christy Co, 3600 Forbes St, Pittsburgh 13, Pa.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Murray Iron Works Co, 1106 Washington St, Burlington, Iowa
Plibrico Jointless Firebrick Co, 1800 Kingsbury St, Chicago 14, Ill.
Power Piping Div, Blaw-Knox Co, 1525 Pennsylvania Ave, Pittsburgh 12, Pa.
Power Plant Efficiency Co, P O Box 592, Indianapolis 4, Ind.
Quigley Co Inc, 527 Fifth Ave, New York 17, N. Y.
Ramtite Co, 2549 W 18th St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City, Mo.
Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
Rust Engrg Co, Rust Bldg, Pittsburgh 19, Pa.
Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Waite Gravity Lock Refractories, 111 Westminster St, Providence 3, R. I.
Wickes Boiler Co, 512 N Water St, Saginaw, Mich.

WASHERS, AIR

Air & Refrigeration Corp, 475 Fifth Ave, New York 17, N. Y.
American Blower Corp, Detroit 32, Mich.
Bahnson Co, 1001 S Marshall St, Winston-Salem, N. C.
Brady Conveyors Corp, 20 W Jackson Blvd, Chicago 4, Ill.
Buffalo Forge Co, 488 Broadway, Buffalo 5, N. Y.
Campbell Heating, E K Co, 1809 Manchester Ave, Kansas City, Mo.
Carrier Corp, 300 S Geddes St, Syracuse 1, N. Y.
Clarage Fan Co, North & Porter Sts, Kalamazoo 16, Mich.
Fluor Corp, Ltd, 2500 S Atlantic Blvd, Los Angeles 22, Calif.
Murray, D J, Mfg Co, 1024 Third St, Wausau, Wis.
Newcomb-Detroit Co, 5741 Russell St, Detroit 11, Mich.
Peabody Engrg Corp, 580 Fifth Ave, New York 19, N. Y.
Quaker Rubber Div, H K Porter Co, 4915 Comly St, Phila 24, Pa.
Ross J O Engrg Corp, 350 Madison Ave, New York 17, N. Y.
Spray Engrg Co, 114 Central St, Somerville 45, Mass.
Surface Combustion Corp, 2375 Dorr St, Toledo 1, Ohio
Trane Co, LaCrosse, Wis.
U S Air Conditioning Corp, Como Ave, SE at 33rd St, Minneapolis, Minn.
York Corp, York, Pa.
Westinghouse Electric Corp, P O Box 868, Pittsburgh 30, Pa.
Westinghouse Elec Corp, Sturtevant Div, Hyde Park, Boston 36, Mass.

WATER COLUMNS

Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Ernst Water Column & Gage Co, 250 S Livingston Ave, Livingston, N. J.
Golden-Anderson Valve Specialty Co, Keenan Bldg, Pittsburgh 22, Pa.
Huyette, Paul B, Co Inc, 401 N Broad St, Philadelphia 8, Pa.
Inferno Co, 115 Ricou St, Shreveport, La.
Jerguson Gage & Valve Co, 87 Fellsway, Somerville, Mass.
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill.
Reliance Gauge Column Co, 5902 Carnegie Ave, Cleveland 3, Ohio
Stets Co, 1440 Broadway, New York 18, N. Y.
Williams Gauge Co, 2055 Pennsylvania Ave, Pittsburgh 33, Pa.
Wright-Austin Co, 3245 Wight St, Detroit 7, Mich.
Yarnall-Waring Co, Chestnut Hill, Philadelphia 18, Pa.

WATER TREATMENT, BOILER

Acme Industrial Compounds Corp, 625 S Goodman St, Rochester 7, N. Y.
Alken-Murray Corp, 131 E 23rd St, New York 10, N. Y.
Aladdin Labs Inc, 68 William St, New York 5, N. Y.
Allis-Chalmers Mfg Co, 952 S 70th St, Milwaukee 1, Wis.
American Cyanamid Corp, 30 Rockefeller Plaza, N. Y. 20, N. Y.
American K A T Corp, Garwood, N. J.
American Locomotive Co, Schenectady 5, N. Y.
American Sand-Banum Co Inc, 9 Rockefeller Plaza, N. Y. 20, N. Y.
Belco Industrial Equip Div Inc, 52 Iowa Ave, Paterson 3, N. J.
Betz, W H & L D, Gillingham & Worth Sts, Philadelphia 24, Pa.
Bird-Archer Co, 400 Madison Ave, New York 17, N. Y.
Brooks Chemicals Inc, 3304 E 87th St, Cleveland, Ohio
Buromin Co, Hagan Bldg, Pittsburgh 30, Pa.
Cochrane Corp, 17th St & Allegheny Ave, Philadelphia 32, Pa.
Condenser Service & Engrg Co, Inc, 89 River St, Hoboken, N. J.
Continental Asbestos & Refining Corp, 1 Madison Ave, N. Y. 10, N. Y.
Dearborn Chemical Co, Merchandise Mart Plaza, Chicago 54, Ill.
Dominion Chemical Co Inc, 11 W 42nd St, Dept A, N. Y. 18, N. Y.
Drew, E F & Co, 15 E 26th St, New York 10, N. Y.
Electromatic Water Treatment Inc, 475 Fifth Ave, N. Y. 17, N. Y.
Elgin Softener Corp, 130 N Grove Ave, Elgin, Ill.
Feedwater Treatment Corp, 40 Court St, Boston 8, Mass.
Feedwaters, Inc, 140 Cedar St, New York 6, N. Y.
Graver Water Conditioning Co, 216 W 14th St, New York 11, N. Y.
Griscom-Russell Co, 285 Madison Ave, New York 17, N. Y.
Haering, D W & Co, P O Box 6037, Harlandale Sta, San Antonio, Texas
Hagan Corp, Hagan Bldg, Pittsburgh 30, Pa.
Hall Laboratories, Inc, Hagan Bldg, Pittsburgh, Pa.
Heilman Boiler Wks, 132 Linden St, Allentown, Pa.
Heller Laboratories Inc, 196 Morgan St, Jersey City, N. J.
Hungerford & Terry, Inc, 226 Atlantic Ave, Clayton, N. J.
Illinois Water Treatment Co, 883 Cedar St, Rockford, Ill.
Inflico Inc, 2750 S 12th Ave, Tucson, Ariz.
Kelite Prod Inc, Box 2917 Terminal Annex, Los Angeles 54, Calif.
LaMotte Chemical Products Co, Towson, Baltimore 4, Md.
Lapp Insulator Co, Inc, 150 Maple St, Le Roy, N. Y.
Layne & Bowler Inc, Box 6815, Hollywood Sta, Memphis 8, Tenn.
McKays Co, 473 Cleveland Ave N, St Paul, Minn.
Madden, P E & Co, 352 W Walton St, Chicago 10, Ill.
Magnus Chemical Co Inc, South Ave, Garwood, N. J.
Maxfal Chemical Co, 33 W 42nd St, New York 18, N. Y.
Monsanto Chemical Co, 1700 S Second St, St Louis 4, Mo.
National Aluminate Corp, 6246 W 66th Place, Chicago 38, Ill.
Pennsylvania Salt Mfg Co, 1000 Widener Bldg, Phila, Pa.
Permutit Co, 330 W 42nd St, New York 18, N. Y.
Perolin Co Inc, 10 E 40th St, New York 16, N. Y.
Polyphase Chem Services, Inc, 150 Nassau St, New York 38, N. Y.
Portland Shingle Co, Chemical Div, 9038 N Denver Ave, Portland 17, Ore.
Proportioneers Inc, 345 Harris Ave, Providence 1, R. I.
Refinite Corp, Box 1312, Omaha, Neb.
Research Products Co, Filter Div, 1015 E Washington Ave, Madison 3, Wis.
Rohm & Haas Co, Resinous Products Div, 222 W Washington Sq, Philadelphia 6, Pa.
Shum Co, 4701 W Electric Ave, Milwaukee 14, Wis.
Standard Chemicals, Inc, 36 Summer St, Natick, Mass.
Sudbury Laboratory, South Sudbury, Mass.

Western Chemical Co. 713-15 Washington St. Kansas City 6. Mo.
Worthington Pump & Machinery Corp. Harrison. N. J.
Wright Chemical Corp. 617 W Lake St. Chicago 6. Ill.
Xzit Chemical Co. 158-14th St. Hoboken. N. J.

WELDING AND CUTTING OUTFITS, OXYACETYLENE

Air Reduction Sales Co. 60 E 42nd St. New York 17. N. Y.
Dockson Corp. 3839 Wabash Ave. Detroit 8 Mich.
Eutectic Welding Alloys Corp. 40-40 172nd St. Flushing. N. Y.
Imperial Brass Mfg Co. 1200 W Harrison St. Chicago 7. Ill.
Linde Air Products Co. 30 E 42nd St. New York 17. N. Y.
Marquette Mfg Co. 307 E Hannepin Ave. Minneapolis 14. Minn.

WELDING MACHINES, ELECTRIC

Air Reduction Sales Co. 60 E 42nd St. New York 17. N. Y.
Eisler Engrg Co Inc. 757 S 13th St. Newark 3. N. J.
Eutectic Welding Alloys Corp. 40-40 172nd St. Flushing. N. Y.
General Electric Co. Schenectady 5. N. Y.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Harnischfeger Corp. 4400 W National Ave. Milwaukee 14. Wis.
Hobart Brothers Co. Hobart Square. Troy 1. Ohio
Lincoln Elec Co. 22801 St. Clair Ave. Cleveland 17. Ohio
Linde Air Products Co. 30 E 42nd St. New York 17. N. Y.
Marquette Mfg Co. 307 E Hannepin Ave. Minneapolis 14. Minn.
Metal & Thermal Corp. 100 E 42nd St. New York 18. N. Y.
Smith. A O. Corp. 3533 N 27th St. Milwaukee 1. Wis.
Westinghouse Electric Corp. P O Box 868. Pittsburgh 30. Pa.

WHEELS, SPROCKET

American Manganese Steel Div. Chicago Heights. Ill.
Atlantic Gear Works. 200 Lafayette St. New York 12. N. Y.
Babbitt Steam Specialty Co. 55 S Water St. New Bedford. Mass.
Bartlett. C O & Snow Co. 6200 Harvard Ave. Cleveland 5. Ohio
Boston Gear Wks. 14 Hayward St. Quincy 71. Mass.
Chain Belt Co. 1674 W Bruce St. Milwaukee 4. Wis.
Continental Gin Co. 4500 S 5th Ave. Birmingham 2. Ala.
Diamond Chain Co. Inc. Dept 444. 402 Kentucky Ave. Indianapolis 7. Ind.
Filer & Stowell Co. 147 E Becher St. Milwaukee 7. Wis.
Gifford-Wood Co. Hudson. N. Y.
Jeffrey Mfg Co. 932 N Fourth St. Columbus 16. Ohio
Holmes. Robert. & Bros. Danville. Ill.
Link-Belt Co. 220 S Belmont Ave. Indianapolis 6. Ind.
McNally Pittsburg Mfg Corp. Pittsburg. Kansas
Medart Co. 100 Potomac St. St Louis 18. Mo.
Philadelphia Gear Wks Inc. G St & Erie Ave. Philadelphia 34. Pa.
Stephens-Adamson Mfg Co. 5 Ridgeway. Aurora. Ill.
Union Chain & Mfg Co. Edgewater Ave. Sandusky. Ohio

WINCHES, ELECTRIC, HAND

American Hoist & Derrick Co. 63 S Robert St. St Paul 1. Minn.
Bartlett. C O & Snow Co. 6200 Harvard Ave. Cleveland 5. Ohio
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
Hewitt-Robins Inc. 370 Lexington Ave. New York 17. N. Y.
Jeffrey Mfg Co. 932 N Fourth St. Columbus 16. Ohio
Link-Belt Co. 2410 W 18th St. Chicago 8. Ill.
Robbins & Myers Inc. 1345 Lagonda Ave. Springfield. Ohio
Shaw-Box Div. Manning. Maxwell & Moore Inc. Muskegon. Mich.
Shepard Niles Crane & Hoist Corp. Schuyler Ave. Montour Falls. N. Y.
Silent Hoist & Crane Co. 841 63rd St. Brooklyn 20. N. Y.
Wheeler. C H. Mfg Co. Lehigh & Sedgley Aves. Philadelphia 32. Pa.
Yale & Towne Mfg Co. Roosevelt Blvd. Philadelphia 15. Pa.

WIRE AND CABLE, ELECTRIC, 600 V AND UNDER

Aluminum Co of America. Dept 11. 670 Gulf Bldg. Pittsburgh 19. Pa.
American Steel & Wire Co. Rockefeller Bldg. Cleveland 13. Ohio
Anaconda Wire & Cable Co. 25 Broadway. New York 4. N. Y.
Federal Telephone & Radio Corp. 100 Kingsland Rd. Clifton. N. J.
General Cable Corp. 420 Lexington Ave. New York 17. N. Y.
General Electric Co. Construction Materials Dept. 1285 Boston Ave. Bridgeport 2. Conn.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
National Electric Products Corp. Chamber of Commerce Bldg. Pittsburgh. Pa.
Okonite Co. Canal St. Passaic. N. J.
Rockbestos Products Corp. 385 Nicoll St. New Haven 4. Conn.
Roebling's. John A Sons Co. Trenton 2. N. J.
Simplex Wire & Cable Co. 79 Sidney St. Cambridge 39. Mass.
Tennessee Coal Iron & R R Co. U S Steel Sub. Brown Marx Bldg. Birmingham. Ala.
United States Rubber Co. 1230 6th Ave. New York 20. N. Y.

WIRE AND CABLE, ELECTRIC, OVER 600 V

Aluminum Co of America. Dept 11. 670 Gulf Bldg. Pittsburgh 19. Pa.
American Steel & Wire Co. Rockefeller Bldg. Cleveland 13. Ohio
Anaconda Wire & Cable Co. 25 Broadway. New York 4. N. Y.
Chase Brass & Copper Co. 236 Grand St. Waterbury 20. Conn.
Federal Telephone & Radio Corp. 100 Kingsland Rd. Clifton. N. J.
General Cable Corp. 420 Lexington Ave. New York 17. N. Y.
General Electric Co. Construction Materials Dept. 1285 Boston Ave. Bridgeport 2. Conn.
Graybar Electric Co Inc. 420 Lexington Ave. New York 17. N. Y.
National Electric Products Corp. Chamber of Commerce Bldg. Pittsburgh. Pa.
Okonite Co. Canal St. Passaic. N. J.
Rockbestos Products Corp. 285 Nicoll St. New Haven 4. Conn.
Roebling's. John A Sons Co. Trenton 2. N. J.
Tennessee Coal Iron & R R Co. U S Steel Sub. Brown Marx Bldg. Birmingham. Ala.
United States Rubber Co. 1230 6th Ave. New York 20. N. Y.

ZEOLITES

(See Softeners, Water)

POWER SERVICE GUIDE

DEALERS, EQUIPMENT

(See Searchlight Section of This Issue)

INSURANCE, BOILER AND POWER EQUIPMENT

Columbia Casualty Co. 1 Park Ave. New York 16. N. Y.
Hartford Steam Boiler Inspection & Insurance Co. 56 Prospect St. Hartford 2. Conn.
Mutual Boiler & Machy Insurance Co. 60 Batterymarch St. Boston 10. Mass.
Ocean Accident & Guarantee Corp Ltd. 1 Park Ave. New York 16. N. Y.

MAGNETIC INSPECTION DEVICES

Associated Research Inc. 3758 W Belmont Ave. Chicago 18. Ill.
duMont Corp. 39 Beacon St. Greenfield. Mass.
Erie2 Mfg Co. 420 Commerce Bldg. Erie. Pa.
General Electric Co. Schenectady 5. N. Y.
Magnaflux Corp. 5900 Northwest Highway. Chicago 31. Ill.

REPAIR WORK, BOILER

Bigelow Co. Lloyd & River Sts. New Haven 13. Conn.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Edge Moor Iron Wks Inc. 100 Edge Moor St. Edge Moor. Del.
Green. A P. Fire Brick Co. Mexico. Mo.
Heilman Boiler Wks. 132 Linden St. Allentown. Pa.
Koven. L O & Brother Inc. 154 Ogden Ave. Jersey City 7. N. J.
Nooter Corp. 1400 S 2nd St. St Louis 4. Mo.
Reintjes. Geo P. Co. 2517 Jefferson St. Kansas City. Mo.
Sexauer. J A. Mfg Co. 2503 3rd Ave. New York 51. N. Y.
Voss Machine Wks. 242 E 122nd St. New York. N. Y.
Waite Construction Co. 111 Westminster St. Providence 3. R. I.

REPAIR WORK, CASTINGS

Canton Stoker Corp. 741 Andrews Pl. S W. Canton 1. Ohio
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Filer & Stowell Co. 147 E Becher St. Milwaukee 7. Wis.
Metalock Repair Service Inc. 36-19 48 Ave. L. I. City. N. Y.
Mercon Regulator Co. 2357 N 29th St. Milwaukee 10. Wis.
Murray. D J. Mfg Co. 1024 Third St. Wausau. Wis.
Voss Machine Wks. 24 E 122nd St. New York. N. Y.

REPAIR WORK, CHIMNEYS

American Chimney Corp. 147 4th Ave. New York 3. N. Y.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Custodis. Alphons. Chimney Const Co. 25 Broadway. N. Y. 4. N. Y.
Gunite Concrete & Construction Co. 1301 Woodswether Rd. Kansas City 6. Mo.
Kellogg. M W. Co. 225 Broadway. New York 7. N. Y.

REPAIR WORK, CONDENSER

Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Heat Exchange Engrg Inc. 512 Madison Ave. Hoboken. N. J.
Heilman Boiler Wks. 132 Linden St. Allentown. Pa.
Nooter Corp. 1400 S 2nd St. St Louis 4. Mo.
Voss Machine Wks. 242 E 122nd St. New York. N. Y.
Westinghouse Elec Corp. Sturtevant Div. Hyde Park. Boston 36. Mass.

REPAIR WORK, ENGINE

Baldwin - Lima - Hamilton Corp. Paschall P O. Philadelphia 42. Pa.
Condenser Service & Engrg Co. Inc. 89 River St. Hoboken. N. J.
Filer & Stowell Co. 147 E Becher St. Milwaukee 7. Wis.
Murray Iron Works. 1106 Washington St. Burlington. Iowa
Nordberg Mfg Co. 3073 S Chase Ave. Milwaukee 7. Wis.
Voss Machine Wks. 242 E 122nd St. New York. N. Y.

SCHOOLS, POWER CORRESPONDENCE

Hays School of Combustion. 430 N Michigan Ave. Chicago. Ill.
International Correspondence Schools. Scranton 9. Pa.

SERVICES, CONTRACTING, CONSTRUCTING

Austin Co. 16112 Euclid Ave. Cleveland 12. Ohio
Dravo Corp. Dravo Bldg. Pittsburgh 22. Pa.
Ebasco Co. 2 Rector St. New York. N. Y.
Fluor Corp Ltd. 2500 S Atlantic Blvd. Los Angeles 22. Calif.
Gunite Concrete & Construction Co. 1301 Woodswether Rd. Kansas City 6. Mo.
Jackson & Moreland. Park Square Bldg. Boston 10. Mass.
Kulijian Corp. 1200 N Broad St. Philadelphia 21. Pa.
Lientz. B P. Mfg Co. 210 W 8th St. Kansas City. Mo.
McGraw. F H. & Co. 51 E 42nd St. New York 17. N. Y.
Main. C T. Inc. 80 Federal St. Boston. Mass.
Pioneer Service & Engrg Co. 231 S LaSalle St. Chicago 4. Ill.
Pritchard. J F & Co. 908 Grand Ave. Kansas City 6. Mo.
Sanderson & Porter. 52 Williams St. New York. N. Y.
Stone & Webster Engrg Co. 49 Federal St. Boston. Mass.
Turner & Haws Engrg Co. 87 Gardner St. Boston 32. Mass.
Turner Construction Co. 420 Lexington Bldg. New York 7. N. Y.
Waite Construction Co. 111 Westminster St. Providence 3. R. I.
White. J G. Engrg Corp. 80 Broad St. New York 4. N. Y.
Wilson. H M Co. 18th & Brandywine Sts. Phila. 30. Pa.

USED EQUIPMENT

(See Searchlight Section of this Issue)

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