

AMMONIA

duPont, E I, de Nemours Co Inc, Wilmington, Del.

ANALYZERS, COMBUSTION, PORTABLE

Beckman Arnold Co, Inc, 1020 Mission St, South Pasadena, Calif.
Defender Instrument & Regulator Co, 815 Clark Ave, St. Louis 2, Mo.
F W Dwyer Mfg Co, 317 S Western Ave, Chicago, Ill.
Ellison Draft Gage Co, 548 W Monroe, Chicago 10, Ill.
Hays Corp, Michigan City 6, Ind.
Permutit Co, 330 W 42 St, New York 36, N. Y.
Standard Instrument Corp, 350 Fifth Ave, New York 1, N. Y.
Uehling Instrument Co, 472 Getty Ave, Paterson 3, N. J.

ANALYZERS, VIBRATION

Brush Electronics Co, 3405 Perkins Ave, Cleveland, Ohio.
General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

ANCHORS, PIPE

(See Hangers, pipe)

ANNUNCIATORS

Autocal Co, 1047 Warden Ave, Shelby, Ohio.
Scam Instrument Corp, 3909 Irving Park, Chicago 18, Ill.
Taller & Cooper Inc, 75 Front St, Brooklyn, N. Y.

ANODES, ANTI-CORROSION

Aluminum Co. of America, 1104 Alcoa Bldg, Pittsburgh 19, Pa.
Division Lead Co, 7742 W 61st Pl, Summit, Ill.
Electro-Austproofing Corp, 30 Main St, Belleville 9, N. J.
Electromatic Water Treatment Inc, 241 Church St, New York 13, N. Y.
Hanson-Van Winkle-Munning Co, Church St, Malawan, N. J.
Harco Corp, Box 7026, Cleveland 28, Ohio.
Revere Copper & Brass Inc, 230 Park Ave, New York 17, N. Y.

ANTI-FOAMS, BOILER-WATER

Bird-Archer Co, 4337 N American St, Philadelphia 40, Pa.
Buromin Co, Hagan Bldg, Pittsburgh 30, Pa.
Dacar Chemical Products Inc, 1007 McCarty St, Pittsburgh 20, Pa.
Deady Chemical Co, 1316-18 St Louis Ave, Kansas City 1, Mo.
Dearborn Chemical Co, Merchandise Mart Plaza, Chicago 54, Ill.
Drew, E F Co, Inc, 15 E 26th St, New York 10, N. Y.
Erickson Chemical Co, 333 N Michigan Ave, Chicago 1, Ill.
Haering D W & Co, P O Box 6037 Harlandale Station, San Antonio, Tex.
National Aluminate Corp, 6216 W 66 Pl, Chicago 38, Ill.
North American Mogul Products Co, Standard Bldg, Cleveland, Ohio.
Rice, Cyrus William Co, 17 Noble Ave, Pittsburgh 5, Pa.
Water Treatment Co of America, 1159 Hodgkiss St, Pittsburgh 12, Pa.
Western Chemical Co, 713-15 Washington St, Kansas City 6, Mo.
Wright Chemical Corp, 617 W Lake St, Chicago 6, Ill.

ANTI-SWEAT COVERINGS

(See Coverings, pipe, anti-sweat)

ARCHES, FURNACE, SUSPENDED

Abco Furnace Div, Acme Brick Co, 2821 W 7th St, P O Box 425 Forth Worth, Texas.
Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 150 Causeway St, Boston 14, Mass.
Bigelow-Liptak Corp, 2550 W Grand Blvd, Detroit 8, Mich.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
Chicago Fire Brick Co, 1461 N Elston Ave, Chicago 22, Ill.
Detrick, M H Co, 111 W Washington St, Chicago 2, Ill.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Green, A P, Fire Brick Co, Mexico, Mo.

Harbison-Walker Refractories Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
Laclede Christy Co, 812 Olive St, St. Louis, Mo.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Pibrico Co, 1800 Kingsbury St, Chicago 14, Ill.
Ramite Co, 2563 W 18 St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City 8, Mo.

ASBESTOS PRODUCTS

Allpax Co, Inc, 805 Mamaroneck Ave, Mamaroneck, N. Y.
Carey, Philip Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio.
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.
Forty-Eight Insulations, Inc, Aurora, Ill.
Garlock Packing Co, 402 E Main St, Palmyra, N. Y.
Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
Johns-Manville, 22 E 40 St, New York 16, N. Y.
Keasbey & Mattison Co, Butler Ave, Ambler, Pa.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
Pilot Packing Co Inc, P O Box 748, Sea Cliff, N. Y.
Raybestos-Manhattan Inc, 61 Willett St, Passaic, N. J.
Standard Asbestos Mfg Co, 860 W Evergreen Ave, Chicago 22, Ill.
Union Asbestos & Rubber Co, 332 S Michigan Ave, Chicago 4, Ill.
U S Gasket Co, 602 N 10th St, Camden, N. J.

ASH-HANDLING EQUIPMENT

(See Conveying systems; Conveyors; Crushers; Pumps; Silos; Sluices)

BACKPRESSURE VALVES

(See Valves, backpressure)

BAFFLES, BOILER

Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 150 Causeway St, Boston 14, Mass.
Bothfeld Refractories Co, Swanson & Clymer Sts, Phila 47, Pa.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
Carolina Refractories Co, Hartsville, S. C.
Chicago Fire Brick Co, 1461 N Elston Ave, Chicago 22, Ill.
Engineer Co, 75 West St, New York 6, N. Y.
Green, A P, Fire Brick Co, Mexico, Mo.
Harbison-Walker Refractories Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
Keeler, E, Co, 238 West St, Williamsport 3, Pa.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
National Airoil Burner Co, 1276 E Sedgely Ave, Philadelphia 34, Pa.
Pibrico Co, 1800 Kingsbury St, Chicago 14, Ill.
Power Plant Efficiency Co, P O Box 592, 901 E Maryland, Indianapolis 6, Ind.
Quigley Co Inc, 527 S Ave, New York 17, N. Y.
Ramite Co, 2563 W 18 St, Chicago 8, Ill.
Smith, Sanford C, Refractories Inc, 1713 Niagara St, Buffalo 7, N. Y.
Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.
Union Iron Works, 1420 Cascade St, Erie, Pa.
Walsh Refractories Corp, 101 Ferry St, St. Louis, Mo.
Walte Construction Co, 111 Westminster St, Providence 3, R. I.

BAROMETERS, MERCURY

Ideal Laboratory & Tool Supply Co, Cheyenne, Wyo.
Manning, Maxwell & Moore Inc, 250 E Main St, Stratford, Conn.
Uehling Instrument Co, 472 Getty Ave, Paterson 3, N. J.

BAROMETRIC CONDENSERS

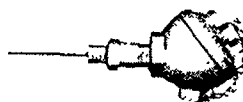
(See Condensers, barometric, jet)

BASES, MOTOR

Allis, The Louis, Co, 427 E Stewart St, Milwaukee 7, Wis.
American Pulley Co, 4200 Wissahickon Ave, Philadelphia 29, Pa.
Automatic Motor Base Co, Winsor, N. J.

Edison's NEW Omniguard Pinpoints "Hot" Points

OMNIGUARD — simplest and most flexible temperature monitoring system yet devised—safeguards industry. Wherever power is generated... wherever chemical processes are in motion... wherever machinery is in operation, OMNIGUARD, with unique "building-block" construction, pinpoints the vital "hot" points reached by Edison resistance temperature detectors.



Designed and developed at the world-famous Edison Laboratory, only OMNIGUARD has these new, exclusive features:

- ▶ **Constant Protection** — All points are "on-guard" at all times. Instant alarm the moment critical temperature is reached—without scanning mechanisms or codes.
- ▶ **Individual alarm point adjustment** — Each point has own alarm setting—can be adjusted on the spot without special tools.
- ▶ **Installation adaptability** — Group the units close to protected equipment—or in control room with minimum wiring and at lowest installation cost. A variety of resistance detectors may be used.
- ▶ **Equipment flexibility** — Basic monitor units handle as few as four points. More points can be added at any time. One indicator serves multiple points. Each circuit is independent of all others.
- ▶ **Design simplicity** — System monitors without moving parts — nothing to "wear" out. No electronic tubes or complex circuits.

Write us, won't you, for more specific information on your heat control problem?

Thomas A Edison

A GREAT NAME CONTINUES GREAT NEW ACHIEVEMENTS

Thomas A. Edison
INCORPORATED

INSTRUMENT DIVISION • 41 LAKESIDE AVENUE • WEST ORANGE, NEW JERSEY

BOILERS, FIRE-TUBE

Ames Iron Works, 25 E Second St, Oswego, N. Y.
 Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Bigelow Co, Lloyd & River Sts, New Haven 3, Conn.
 Bros Boiler & Mfg Co, 1057 10 Ave, S E, Minneapolis 14, Minn.
 Brown Flintube Co, 300 Huron St, Elyria, Ohio.
 Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis.
 Cole, R D, Mfg Co, Box 576, Newnan, Ga.
 Combustion Engrg Inc, 200 Madison Ave, New York 16, N. Y.
 Crotty Mfg Corp, 113-15 35th Ave, Flushing, N. Y.
 Cyclotherm Div, U S Radiator Corp, 157 E First St, Oswego, N. Y.
 Eclipse Fuel Engrg Co, 1029 Buchanan St, Rockford, Ill.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Farrar & Trefits, Inc, 20 Milburn St, Buffalo 12, N. Y.
 Fitzgibbons Boiler Co, Inc, 101 Park Ave, New York 17, N. Y.
 Gabriel Boiler & Fabrication Co, 1428 Northwest 14 Ave, Portland 9, Ore.
 Hapman-Dutton Co, 622 Gibson St, Kalamazoo 11, Mich.
 International Boiler Works Co, 1 Birch St, East Stroudsburg, Pa.
 Johnston Bros Inc, Ferrysburg, Mich.
 Kewanee-Ross Corp, 101 Franklin St, Kewanee, Ill.
 Leffel, James & Co, 426 East St, Springfield, Ohio.
 Mears-Kane-Ofeldt, Inc., Church Rd, Bridgeport, Pa.
 Mund Boilers, Inc, 1600 N Indiana St, Los Angeles 33, Calif.
 Murray Iron Works Co, Burlington, Iowa.
 Orr & Semberow, Inc, 850 Morgantown Rd, Reading, Pa.
 Pipe & Tubular Prods, Inc, 8504 Germantown Ave, Philadelphia, Pa.
 Preferred Utilities Mfg Corp, 1860 Broadway, New York 23, N. Y.
 Superior Combustion Industries Inc, Times Bldg, New York 36, N. Y.
 Titusville Iron Wks Co, Div Struthers Wells Corp, Titusville, Pa.
 Union Iron Works, 1420 Cascade St, Erie, Pa.
 Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.

BOILERS, FIRE-TUBE, PACKAGED

Ames Iron Works, 25 E 2 St, Oswego, N. Y.
 Bigelow Co, Lloyd & River Sts, New Haven 3, Conn.
 Boiler Engineering & Supply Co, Phoenixville, Pa.
 Bros Boiler & Mfg Co, 1057 10 Ave, S E, Minneapolis 14, Minn.
 Brown Flintube Co, 300 Huron St, Elyria, Ohio.
 Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis.
 Cyclotherm Div, United States Radiator Corp, 157 E 1 St, Oswego, N. Y.
 Fitzgibbons Boiler Co, Inc, 101 Park Ave, New York 17, N. Y.
 Gabriel Boiler & Fabrication Co, 1428 Northwest 14 Ave, Portland 9, Ore.
 Hapman-Dutton Co, 622 Gibson St, Kalamazoo 11, Mich.
 Johnston Bros Inc, Ferrysburg, Mich.
 Kewanee-Ross Corp, 101 Franklin St, Kewanee, Ill.
 Mears-Kane-Ofeldt Inc, Church Rd, Bridgeport, Pa.
 Orr & Semberow, Inc, 974 Morgantown Rd, Reading, Pa.
 Pipe & Tubular Prods Inc, 8504 Germantown Ave, Philadelphia, Pa.
 Ray Oil Burner Co, 1301 San Jose Ave, San Francisco 12, Calif.
 Superior Combustion Industries Inc, Times Bldg, New York 36, N. Y.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.
 Titusville Iron Wks Co, Div Struthers Wells Corp, Titusville, Pa.
 Vapor Heating Corp, 80 E Jackson Blvd, Chicago 4, Ill.

BOILERS, WASTE-HEAT

(See Boilers, water-tube)

BOILERS, WATER-TUBE, PACKAGED, SELF-CONTAINED

Ames Iron Wks, Inc, 25 E Second St, Oswego, N. Y.
 Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Besler Corp, 4053 Harlan St, Emeryville 8, Calif.
 Bigelow Co, Lloyd & River Sts, New Haven 3, Conn.

Bros Boiler & Mfg Co, 1057 10 Ave, S E, Minneapolis 14, Minn.
 Brown Flintube Co, 300 Huron St, Elyria, Ohio.
 Clayton Mfg Co, P O Box 550, El Monte, Calif.
 Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis.
 Combustion Engrg Inc, 200 Madison Ave, New York 16, N. Y.
 Cyclotherm Div, U S Radiator Corp, 157 E First St, Oswego, N. Y.
 Edge Moor Iron Works Inc, 164 Bloomfield St, Hoboken, N. J.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
 Hapman-Dutton Co, 622 Gibson St, Kalamazoo 11, Mich.
 International Boiler Works Co, 1 Birch St, East Stroudsburg, Pa.
 Iron Fireman Mfg Co, 3170 W 106th St, Cleveland 11, Ohio.
 Keeler, E, Co, 238 West St, Williamsport 8, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
 Kewanee-Ross Corp, 101 Franklin St, Kewanee, Ill.
 Leffel, James & Co, 426 East St, Springfield, Ohio.
 Mund Boilers, Inc, 1600 N Indiana St, Los Angeles 33, Calif.
 Murray Iron Works Co, Burlington, Iowa.
 Orr & Semberow, Inc, 850 Morgantown Rd, Reading, Pa.
 Page Boiler Co, 815 Webster Ave, Chicago 14, Ill.
 Pipe & Tubular Prods Inc, 8504 Germantown Ave, Philadelphia, Pa.
 Preferred Utilities Mfg Corp, 1860 Broadway, New York 23, N. Y.
 Springfield Boiler Co, 1901 E Capitol Ave, Springfield, Ill.
 Steamaster Automatic Boiler Co, 5819 S Compton Ave, Los Angeles 11, Calif.
 Superior Combustion Industries Inc, Times Bldg, New York 36, N. Y.
 Titusville Iron Wks Co, Div Struthers Wells Corp, Titusville, Pa.
 Union Iron Works, 1420 Cascade St, Erie, Pa.
 Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.
 Wickes Boiler Co, 512 N Water St, Saginaw, Mich.

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

Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
 Besler Corp, 4053 Harlan St, Emeryville 8, Calif.
 Bigelow Co, Lloyd & River Sts, New Haven 3, Conn.
 Bros Boiler & Mfg Co, 1057 Tenth Ave, S. E. Minneapolis 14, Minn.
 Brown Flintube Co, 300 Huron St, Elyria, Ohio.
 Clayton Mfg Co, P O Box 440, El Monte, Calif.
 Combustion Engrg, Inc, 200 Madison Ave, New York 16, N. Y.
 Edge Moor Iron Works, Inc, 164 Bloomfield St, Hoboken, N. J.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
 International Boiler Works Co, 1 Birch St, East Stroudsburg, Pa.
 Keeler, E, Co, 238 West St, Williamsport 3, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Murray Iron Works Co, Burlington, Iowa
 Page Boiler Co, 815 Webster Ave, Chicago 14, Ill.
 Pipe & Tubular Prods Inc, 8504 Germantown Ave, Philadelphia, Pa.
 Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
 Springfield Boiler Co, 1901 East Capitol Ave, Springfield, Ill.
 Steamaster Automatic Boiler Co, 5819 S Compton Ave, Los Angeles 11, Calif.
 Superior Combustion Industries, Inc, Times Bldg, New York 36, N. Y.
 Titusville Iron Wks Co Div, Struthers Wells Corp, Titusville, Pa.
 Union Iron Works, 1420 Cascade St, Erie, Pa.
 Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.
 Wickes Boiler Co, 512 North Water St, Saginaw, Mich.

BOILERS, WATER-TUBE, 30,000 TO 100,000 LB PER HR

Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Bigelow Co, Lloyd & River Sts, New Haven 3, Conn.
 Bros Boiler & Mfg Co, 1057 Tenth Ave, S. E. Minneapolis 14, Minn.

Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
 Combustion Engrg, Inc, 200 Madison Ave, New York 16, N. Y.
 Edge Moor Iron Works, Inc, 164 Bloomfield St, Hoboken, N. J.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
 Keeler, E, Co, 238 West St, Williamsport 3, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Murray Iron Works Co, Burlington, Iowa
 Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
 Springfield Boiler Co, 1901 East Capitol Ave, Springfield, Ill.
 Superior Combustion Industries, Inc, Times Bldg, New York 36, N. Y.
 Titusville Iron Wks Co Div, Struthers Wells Corp, Titusville, Pa.
 Union Iron Works, 1420 Cascade St, Erie, Pa.
 Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.
 Wickes Boiler Co, 512 North Water St, Saginaw, Mich.

BOILERS, WATER-TUBE, OVER 100,000 LB PER HR

Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Bros Boiler & Mfg Co, 1057 Tenth Ave, S. E. Minneapolis 14, Minn.
 Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
 Combustion Engrg, Inc, 200 Madison Ave, New York 16, N. Y.
 Edge Moor Iron Works, Inc, 164 Bloomfield St, Hoboken, N. J.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
 Keeler, E, Co, 238 West St, Williamsport 3, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Murray Iron Works Co, Burlington, Iowa
 Page Boiler Co, 815 Webster Ave, Chicago 14, Ill.
 Pipe & Tubular Prods Inc, 8504 Germantown Ave, Philadelphia, Pa.
 Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
 Springfield Boiler Co, 1901 East Capitol Ave, Springfield, Ill.
 Union Iron Works, 1420 Cascade St, Erie, Pa.
 Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.
 Wickes Boiler Co, 512 North Water St, Saginaw, Mich.

BOLTS, FLANGE, HIGH-TEMPERATURE

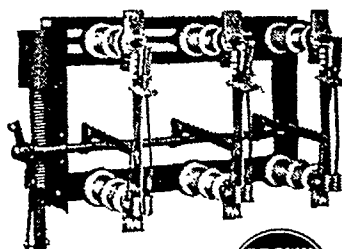
Anti-Corrosive Metal Products Co, 80 River St, Castleton-on-Hudson, N. Y. (Stainless Steel)
 Bethlehem Steel Co, Bethlehem, Pa.
 Crane Co, 836 S Michigan Ave, Chicago 5, Ill.
 Lamson & Sessions Co, 1971 W 85th St, Cleveland 2, Ohio

BOXES, JUNCTION

Benjamin Electric Mfg. Co, N. W. Highway & Seegers Rd, Des Plaines, Ill.
 Crouse Hinds Co, Wolf & Seventh N, Syracuse 1, N. Y.
 General Electric Co, 1285 Boston Ave, Bridgeport 2, Conn.
 Joy Mfg Co, Oliver Bldg, Dept 5, Pittsburgh 22, Pa.
 National Electric Products Corp, 2 Gateway Center, Pittsburgh 22, Pa.
 O. Z. Electrical Mfg. Co, Inc, 262 Bond St, Brooklyn 17, N. Y.
 Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.

BREAKERS, CIRCUIT, AIR

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wisc.
 Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
 Cutler-Hammer, Inc, 294 N. 12th St, Milwaukee 3, Wis.
 Federal-Pacific Electric Prod Co, Inc, 50 Paris St, Newark 5, N. J.
 General Electric Co, Trumbull Components Dept, 41 Woodford Ave, Plainville, Conn.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 I-T-E Circuit Breaker Co, 19th & Hamilton Sts, Philadelphia 30, Pa.
 Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
 Rolfer-Smith Corp, Instrument Div, 1825 West Market St, Bethlehem, Pa.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

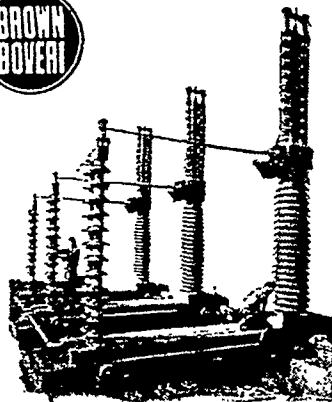
**BROWN BOVERI
LOAD DISCONNECT****TYPE RB**

For 7.5 and 15 kv service. Will safely interrupt full rated current 500 TIMES without overhaul.

Also:
Full line of
indoor and outdoor

**AIR BLAST
BREAKERS**

for all voltages, currents and interrupting ratings normally required.



BROWN BOVERI CORP., 19 RECTOR ST., NEW YORK 6, N. Y.

Progressive Engineers—Skilled Craftsmen—for Over 50 Years

BREAKERS, CIRCUIT, OIL

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wisc.
Brown Boveri Corp, 19 Rector St, New York 6, New York
Federal-Pacific Electric Prod Co, Inc, 50 Paris St, Newark 5, N. J.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Line Material Co, Div McGraw Electric Co, 700 West Michigan St, Milwaukee 1, Wisc.
Pacific Electric Mfg Corp, 5815 Third St, San Francisco 24, Calif.
Roller-Smith Corp, Instrument Div, 1825 West Market St, Bethlehem, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

BREAKERS, COAL

Pennsylvania Crusher Co, West Chester, Pa.
Heyl & Patterson, Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
Wilmot Engrg Co, Hazleton, Pa.

BREAKERS, VACUUM

American Water Softener Co, 330 West Lehigh Ave, Philadelphia 33, Pa.
Associated Valve & Engrg Co, 1150 West Marquette Rd, Chicago 21, Ill.
Cash, A W, Valve Mfg Corp, 6616 East Wabash Ave, Decatur, Ill.
Conoflow Corp, 2100 Arch St, Phila 3, Pa.
Coyne & Delaney, 832 Kent Ave, Brooklyn 5, N. Y.
Hoffman Specialty Mfg Corp, 1001 York St, Indianapolis 7, Ind.
McAlear Mfg Co, 1901 S Western Ave, Chicago 8, Ill.
Schutte & Koerting Co, Cornwells Heights, Bucks County, Pa.
Sloan Valve Co, 4300 W Lake St, Chicago 24, Ill.
Watts Regulator Co, 10 Embankment St, Lawrence, Mass.

BREECHINGS

Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
Bethlehem Steel Co, Bethlehem, Pa.
Cole, R D, Mfg Co, Box 576, Newnan, Ga.
Conner Construction Co, 2nd & Luzerne Sts, Philadelphia 40, Pa.
Continental Boiler & Sheet Iron Works, 5601 West Park, St. Louis 10, Mo.
Graver Tank & Mfg Co, 4809 Tod Ave, East Chicago, Ind.
Kirk & Blum Mfg Co, 3120 Forrer, Cincinnati 9, Ohio.
Koven, L O & Brother Inc, 154 Ogden Ave, Jersey City 7, N. J.
Littleford Bros, Inc, 453 East Pearl St, Cincinnati 2, Ohio.
McNally Pittsburg Mfg Corp, Pittsburg, Kansas.
Pillbrico Co, 1800 Kingsbury St, Chicago 14, Ill.
Stover Steel Tank & Mfg Co, 100 South Hancock St, Freeport, Ill.
Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

BRICK, FIRE

Acme Furnace Div, Acme Brick Co, 2821 W 7th St, PO Box 425, Fort Worth, Tex.
Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 89 Broad St, Boston 10, Mass.
Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa.
Chicago Fire Brick Co, 1461 North Elston Ave, Chicago 22, Ill.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Gladding, McBean & Co, 2901 Los Feliz Blvd, Los Angeles, Calif.
Green, A P, Fire Brick Co, Mexico, Mo.
Harbison-Walker Refractories Co, 1800 Farmers Bank Bldg, Pittsburgh 22, Pa.
Ironton Firebrick Co, Ironton, Ohio.
Johns-Manville, 22 East 40 St, New York 16, N. Y.
Laclede Christy Co, 812 Olive St, St Louis, Mo.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
National Carbon Co Div, Union Carbide & Carbon Co, 30 East 42 St, New York 17, N. Y.
Norton Co, 1 New Bond St, Worcester 6, Mass.
Quigley Co, Inc, 527 Fifth Ave, New York 17, N. Y.
Walsh Refractories Corp, 101 Ferry St, St. Louis, Mo.

BRICK, FIRE, PLASTIC

Acme Furnace Div, Acme Brick Co, 2821 W 7th St, PO Box 425, Fort Worth, Tex.

Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa.
Carolina Refractories Co, Hartsville, S. C.
Chicago Fire Brick Co, 1461 North Elston Ave, Chicago 22, Ill.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Gladding, McBean & Co, 2901 Los Feliz Blvd, Los Angeles, California.
Green, A P, Fire Brick Co, Mexico, Mo.
Harbison-Walker Refractories Co, 1800 Farmers Bank Bldg, Pittsburgh 22, Pa.
Ironton Firebrick Co, Ironton, Ohio.
Laclede Christy Co, 812 Olive St, St Louis, Mo.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Pillbrico Co, 1800 Kingsbury St, Chicago 14, Ill.
Quigley Co, Inc, 527 Fifth Ave, New York 17, N. Y.
Ramltite Co, 2563 West 18 St, Chicago 8, Ill.
Refractory & Insulation Co, 120 Wall St, New York 5, N. Y.
Walsh Refractories Corp, 101 Ferry St, St. Louis, Mo.

BRICK, FIRE, SILICON-CARBIDE

Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 150 Causeway St, Boston 14, Mass.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Norton Co, 1 New Bond St, Worcester 6, Mass.

BRICK, INSULATING

Armstrong Cork Co, Liberty St, Lancaster, Pa.
Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
Chicago Fire Brick Co, 1461 North Elston Ave, Chicago 22, Ill.
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Green, A P, Fire Brick Co, Mexico, Mo.
Harbison-Walker Refractories Co, 1800 Farmers Bank Bldg, Pittsburgh 22, Pa.
Johns-Manville, 22 East 40 St, New York 16, N. Y.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Quigley Co, Inc, 527 Fifth Ave, New York 17, N. Y.
Zonolite Co, 135 South LaSalle St, Chicago 3, Ill.

BRUSHES, MOTOR, GENERATOR

General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Hanson-Van Winkle-Munning Co, Church St, Matawan, N. Y.
National Carbon Co Div, Union Carbide & Carbon Co, 30 East 42 St, New York 17, N. Y.
Ohio Carbon Co, 12508 Berea Road, Cleveland 11, Ohio.
Pure Carbon Co, 441 Hall Ave, St. Marys, Pa.
U S Graphite Co Div, Wickes Corp, 1621 Holland Ave, Saginaw, Mich.

BRUSHES, TUBE-CLEANING

(See also Plugs, tube-cleaning)

Airetool Mfg Co, 300 S Center St, Springfield, Ohio.
Edge Moor Iron Works Inc, 164 Bloomfield St, Hoboken, N. J.
Robinson, John R, Inc, 350 W 31 St, New York 1, N. Y.
Roto Div, Elliott Co, Sussex Ave & Newark St, Newark, N. J.
Wilson, Thomas C, Inc, 21-11 44 Ave, Long Island City 1, N. Y.

BUCKETS, ELEVATOR

(See Elevators, bucket)

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American Brake Shoe Co, 230 Park Ave, New York, N. Y.
Bartlett, C O, & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
Beaumont Birch Co, 1502 Race St, Philadelphia, Pa.
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
Fairfield Engrg Co, 307 Barnhart St, Marion, Ohio.
Heyl & Patterson Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
Wellman Engineering Co, 7000 Central Ave, Cleveland, Ohio.

BULLDOZERS, COAL HANDLING

(See Tractors, coal-piling)

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Beaumont Birch Co, 1505 Race St, Philadelphia 2, Pa.
Brady Conveyors Corp, 20 W Jackson Blvd, Chicago 4, Ill.
Bros Boiler & Mfg Co, 1057 Tenth Ave, S E, Minneapolis 14, Minn.
Conner Construction Co, 2 & Luzerne Philadelphia 40, Pa.
Continental Boiler & Sheet Iron Works, 5601 W Park, St. Louis 10, Mo.
Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
Johnston & Jennings Co, Div Pettibone Mulliken Corp, 6917 Bessemer Ave, Cleveland 27, Ohio.
Link-Belt Co, 307 North Michigan Ave, Chicago 1, Ill.
McClave Co, 751 Mill St, Allentown, Pa.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
Mahon, R C Co, 6565 E Eight Mile Rd, Detroit 34, Mich.
National Conveyors Co, Inc, 25 Industrial Ave, Fairview, Bergen County, N. J.
Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
United Conveyor Corp, 37 W Van Buren St, Chicago 5, Ill.

BURNERS, GAS

Anthony Co, 47-33 5 Ave, Long Island City, N. Y.
Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
Best, W N, Combustion Equip Co, Rte 17, Carlstadt, N. J.
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wisc.
Coen Co, 40 Boardman Pl, San Francisco 3, Calif.
Combustion Equip Co, 1820 Cherry St, Kansas City 8, Mo.
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass.
Eclipse Fuel Engrg Co, 1029 Buchanan St, Rockford, Ill.
Engineer Co, 75 West St, New York 6, N. Y.
Erie City Iron Works, 1422 East Ave, Erie, Pa.

Faber Engrg Co, Amber & Westmoreland Sts, Philadelphia 34, Pa.
General Electric Co, Air Conditioning Dept, 5 Lawrence St, Bloomfield, N. J.
Hapman-Hutton Co, 622 Gibson St, Kalamazoo 11, Mich.
Hastings Air Conditioning Co Inc, 108 S Colorado Ave, Hastings, Neb.
Hauck Mfg Co, 136 Tenth St, Brooklyn 15, N. Y.
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio.
Johnson, S T, Burner Co, 940 Arlington Ave, Oakland 8, Calif.
Kinney, S P, Engineers Inc, 201 2 Ave, Carnegie, Pa.
Leahy Mfg Co, 1804 E 8 St, Los Angeles 21, Calif.
Lientz, B P, Mfg Co, 210 West 8 St, Kansas City, Mo.
National Airoil Burner Co, 1276 E Sedgley Ave, Philadelphia 34, Pa.
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio.
Orr & Semoower Inc, 974 Morgantown Rd, Reading, Pa.
Peabody Engrg Corp, 580 5 Ave, New York 36, N. Y.
Petro, 3170 W 106th St, Cleveland 11, Ohio.
Preferred Utilities Mfg Corp, 1860 Broadway, New York 23, N. Y.
Ransome Co, Emeryville, Calif.
Ray Oil Burner Co, 1301 San Jose Ave, San Francisco 12, Calif.
Staples & Pfeiffer, 528 Bryant St, San Francisco 7, Calif.
Stewart-Warner Corp, U S Machine Div, 320 N C St, Lebanon, Ind.
Superior Combustion Industries Inc, Times Bldg, New York 36, N. Y.
Surface Combustion Corp, 2375 Door St, Toledo 1, Ohio.
Todd Shipyard Corp, Combustion Equipment Div, 8116 45 Ave, Elmhurst, N. Y.
Will-Burt Co, Orville, Ohio.
Zurn, J A, Mfg Co, 1860 Pittsburgh Ave, Erie, Pa.

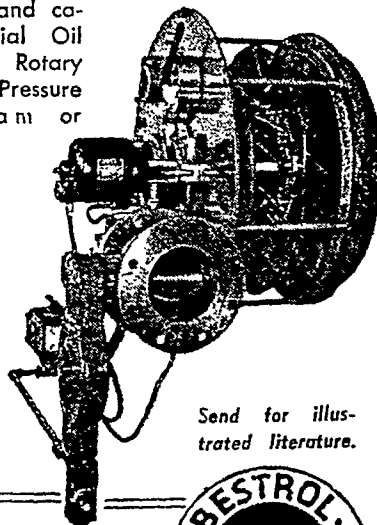
BURNERS, GAS AND OIL, COMBINED

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Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
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 Stewart-Warner Corp, U S Machine Div, 320 N C St, Lebanon, Ind.
 Superior Combustion Industries Inc, Times Bldg, New York 36, N. Y.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.
 Todd Shipyards Corp, -bustion Equipment Div, 8116 45 Ave, Elmhurst, N. Y.
 Will-Burt Co, Orville, Ohio.

BURNERS, PULVERIZED-COAL

Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
 Peabody Engrg Corp, 520 5 Ave, New York 36, N. Y.
 Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
 Strong-Scott Mfg Co, Pulverizer Dept, 451 Taft St, N E, Minneapolis 13, Minn.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

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Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Engineer Co, 75 West St, New York 6, N. Y.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 National Airoil Burner Co, 1276 E Sedgely Ave, Philadelphia 34, Pa.
 Peabody Engrg Corp, 580 5 Ave, New York 36, N. Y.
 Riley Stoker Corp, 9 Neponset St, Worcester, Mass.
 Strong-Scott Mfg Co, Pulverizer Dept, 451 Taft St, N E, Minneapolis 13, Minn.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

BUS DUCT

(See Duct, bus, electric)

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Delta-Star Electric Div, H K Porter Co, Inc, 2437 Fulton St, Chicago 12, Ill.
 I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Philadelphia 30, Pa.
 National Electric Products Corp, 2 Gateway Center, Pittsburgh 22, Pa.

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 Falstrom Co, 22 Fastron Ct, Passaic, N. J.
 Kirk & Blum Mfg Co, 3120 Forrer, Cincinnati 9, Ohio.
 Littleford Bros Inc, 453 E Pearl St, Cincinnati 2, Ohio.
 Richardson-Allen Corp, 116-15 15 Ave, College Point, N. Y.
 Teller & Cooper Inc, 75 Front St, Brooklyn, N. Y.

CABLE

(See Wire & Cable, electric)

CABLE, WELDING

(See Welding accessories)

CALORIMETERS, STEAM

Ellison Draft Gage Co, 548 W Monroe, Chicago 10, Ill.

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Allen-Bradley Co, 1305 S 1 St, Milwaukee 4, Wis.
 Centrafab, 900 E Keefe Ave, Milwaukee, Wis.
 Cornell-Dubilier Electric Corp, 1000 Hamilton Blvd, South Plainfield, N. J.
 Electrical Utilities Co, 2431 N St Vincent's Ave, La Salle, Ill.
 General Elect Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Lapp Insulator Co Inc, 150 Maple St, LeRoy, N. Y.
 Line Material Co Div, McGraw Electric Co, 700 W Michigan St, Milwaukee 1 Wis.
 Mallory P R & Co Inc, 3029 E Washington St, Indianapolis 6, Ind.
 Moloney Electric Co, 5390 Bircher Ave, St. Louis, Mo.
 Sangamo Electric Co, Springfield, Ill.
 Sorague Electric Co, Marshall St, North Adams, Mass.

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Keeler, E, Co, 238 West St, Williamsport 3, Pa.
 Key Co, Box 494 East St. Louis, Ill.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

CAPSTANS, ELECTRIC

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 American Hoist & Derrick Co, 63 S Robert St, St. Paul 1, Minn.
 Detroit Hoist & Machine Co, 8254 Morrow St, Detroit 11, Mich.
 Heyl & Patterson Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 Jones, W A Foundry & Machine Co, 4423 Roosevelt Rd, Chicago 24, Ill.
 Link-Belt Co, 307 North Michigan Ave, Chicago 1, Ill.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas.
 Silent Hoist & Crane Co, 841 63 St, Brooklyn 20, N. Y.
 Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
 Wellman Engineering Co, 7000 Central Ave, Cleveland, Ohio.

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(See Capstans, Dumpers, Shakers)

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 Bethlehem Steel Co, Bethlehem, Pa.
 Continental Boiler & Sheet Iron Works, 5601 W Park, St. Louis 10, Mo.
 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas.

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Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa.
 Carborundum Co, Refractories Div, Perth Amboy, N. J.
 Carolina Refractories Co, Hartsville, S. C.
 Chicago Fire Brick Co, 1461 N Elston Ave, Chicago 22, Ill.
 Forty-Eight Insulations, Inc, Aurora, Ill.
 Gladding, McBean & Co, 2901 Los Feliz Blvd, Los Angeles, Calif.
 Green, A P Fire Brick Co, Mexico, Mo.
 Harbison-Walker Refractories Co, 1800 Farmers Bank Bldg, Pittsburgh 22, Pa.
 Ironton Firebrick Co, Ironton, Ohio.
 Johns-Manville, 22 E 40 St, New York 16, N. Y.
 Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
 Plitbrico Co, 1800 Kingsbury St, Chicago 14, Ill.
 Quigley Co Inc, 527 5 Ave, New York 17, N. Y.
 Ramtite Co, 2563 W 18 St, Chicago 8, Ill.
 Refractory & Insulation Corp, 120 Wall St, New York 5, N. Y.
 Walsh Refractories Corp, 101 Ferry St, St. Louis, Mo.
 Zonolite Co, Merchandising Div, 135 S LaSalle St, Chicago 3, Ill.

CATHODIC PROTECTION

(See Protection systems, cathodic)

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 General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
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 Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

CEMENT, ACID-RESISTANT

Atlas Lumnite Div, Universal Atlas Cement Co, 100 Park Ave, New York 17, N. Y.
 Cabot Samuel Inc, 141 Milk St, Boston 9, Mass.
 General Refractories Co, 1520 Locust St, Philadelphia 2 Pa.
 Johns-Manville, 22 E 40 St, New York 16, N. Y.
 Laclede Christy Co, 3600 Forbes St, Pittsburgh 13, Pa.
 Quigley Co Inc, 527 5 Ave, New York 17, N. Y.

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 duPont, E I, de Nemours Co Inc, Wilmington, Del.
 Graton & Knight Co, 356 Franklin St, Worcester 4, Mass.
 Houghton, E F, & Co, 303 W Lehigh Ave, Philadelphia 33, Pa.
 Republic Rubber Div, Lee Rubber & Tire Corp, Albert St, Youngstown 1, Ohio
 Rhoads, J E & Sons, 35 N 6 St, Philadelphia 6, Pa.
 United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.
 Wellman Engineering Co, 7000 Central Ave, Cleveland, Ohio.

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 General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
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 Refractory & Insulation Corp, 120 Wall St, New York 5, N. Y.
 Standard Asbestos Mfg Co, 860 W Evergreen Ave, Chicago 22, Ill.

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 Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
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(See Lubrication systems, centralized)

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 Sharples Corp, 2300 Westmoreland St, Philadelphia 40, Pa.

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 Atlas Chain & Mfg Co, 288 N Main St, Doylestown, Pa.
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 Chain Belt Co, 4674 W Greenfield Ave, Milwaukee 1, Wis.
 Cullman Wheel Co, 1344 Altgeld St, Chicago 14, Ill.
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 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 Filer & Stowell Co, 147 E Becher St, Milwaukee 7, Wis.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
 Manning Maxwell & Moore Inc, 250 E Main St, Stratford, Conn.
 Morse Chain Co, 7601 Central Ave, Detroit 10, Mich.
 Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
 Union Chain & Mfg Co, Sandusky, Ohio.
 Whitney Chain Co, 237 Hamilton St, Hartford 2, Conn.
 Wilmot Engrg Co, Hazleton, Pa.

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 Baldwin Duckworth Div, Chain Belt Co, 387 Plainfield St, Springfield 2, Mass.
 Bartlett C O & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio.
 Beaumont Birch Co, 1505 Race St, Rm 320, Philadelphia 2, Pa.
 Bond Charles Co, 617-623 Arch St, Philadelphia 6, Pa.
 Diamond Chain Co, Inc, Dept 444, 402 Kentucky Ave, Indianapolis 7, Ind.
 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 Gifford-Wood Co, Hudson, N.Y.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 Link-Belt Co, 307 North Michigan Ave, Chicago 1, Ill.
 McClave Co, 751 Mill St, Allentown, Pa.
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 Morse Chain Co, 7601 Central Ave, Detroit 10, Mich.
 Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
 Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.

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 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 Gifford-Wood Co, Hudson, N.Y.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
 McClave Co, 751 Mill St, Allentown, Pa.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas.
 Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
 Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
 Wilmot Engrg Co, Hazleton, Pa.

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Atlas Chain & Mfg Co, 288 N Main St, Doylestown, Pa.
 Baldwin Duckworth Div, Chain Belt Co, 387 Plainfield St, Springfield 2, Mass.
 Bond Charles Co, 617-623 Arch St, Philadelphia 6, Pa.
 Cullman Wheel Co, 1344 Altgeld St, Chicago 14, Ill.
 Diamond Chain Co Inc, Dept 444, 402 Kentucky Ave, Indianapolis 7, Ind.
 Dodge Mfg Corp, Michawaka, Ind.
 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
 Morse Chain Co, 7601 Central Ave, Detroit 10, Mich.
 Union Chain & Mfg Co, Sandusky, Ohio.
 Whitney Chain Co, 237 Hamilton St, Hartford 2, Conn.

CHARGERS, BATTERY

Acme Electric Corp, Cuba, N. Y.
 Cornell-Dubiller Electric Corp, 1000 Hamilton Blvd, South Plainfield, N. J.
 Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio.
 Exide Industrial Div, Electric Storage Battery Co, 42 S 15 St, Philadelphia 2, Pa.
 Fansteel Metallurgical Corp, North Chicago, Ill.
 Federal Telephone & Radio Corp, Div IT&T, 100 Kingsland Rd, Clifton, N. J.
 Femco, Inc, Irwin, Pa.
 General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
 Hobart Brothers Co, Hobart Square, Troy 1, Ohio.
 Lincoln Electric Co, 22801 St. Clair Ave, Cleveland 17, Ohio.
 Mallory, P R, & Co Inc, 3029 E Washington St, Indianapolis 6, Ind.
 Onan, D W, & Sons Inc, University Ave S E at 25, Minneapolis 14, Minn.
 Richardson-Allen Corp, 116-15 15 Ave, College Point, N. Y.
 Syntrol Co, 492 Lexington, Homer City, Pa.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

CHEMICAL CLEANING

(See Service Guide)

CHILLERS, WATER, AIR-CONDITIONING

Alco Products Div, American Locomotive Co, Dunkirk, N.Y.
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 Croil-Reynolds Co, 17 John St, New York 38, N. Y.
 Davis Engrg Corp, 1064 E Grand Ave, Elizabeth 4, N. J.
 Drayer-Hanson, Inc, 3301 Medford St, Los Angeles 63, Calif.
 Frick Co, W Main St, Waynesboro, Pa.
 Heat-X-Changer Co Inc, 1000 N Main St, Brewster, N. Y.
 Ingersoll-Rand Co, 11 Broadway, New York 4, N. Y.
 McQuay Inc, 1600 Broadway St N E, Minneapolis 13, Minn.
 Patterson-Kelley Co Inc, 129 Burson St, East Stroudsburg, Pa.
 Serrel Inc, 119 N Morton Ave, Evansville, Ind.
 Taco Heaters Inc, 1160 Cranston St, Cranston 9, R. I.
 U S Air Conditioning Corp, 3301 Como Ave, S E, Minneapolis 14, Minn.
 Whitlock Mfg Co, 46 South St, Elmwood Station, W Hartford 10, Conn.

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American Injector Co, 1000 E McNichols, Detroit 3, Mich.
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 Custodis Construction Co, 25 Broadway, N. Y. 4, N. Y.
 Kellogg, M W, Co, 225 Broadway, New York 7, N. Y.
 Van-Packer Corp, Bettendorf, Iowa

CHLORINATORS

American Water Softener Co, 330 W Lehigh Ave, Philadelphia 33, Pa.
 Bruner Corp, 2318 N 30th St, Milwaukee 45, Wis.
 Builders-Providence, Inc, Div B-I-F Industries, 354 Harris Ave, Providence, R. I.
 Dearborn Chemical Co, Merchandise Mart Plaza, Chicago 54, Ill.
 Fischer & Porter Co, 500 Narminster Rd, Hattboro, Pa.
 Haering D W & Co, P O Box 6037, Harlandale Station, San Antonio, Tex.
 Lapp Insulator Co Inc, 150 Maple St, LeRoy, N. Y.
 McAleenan Bros Co, 25 & R R Sts, Pittsburgh 22, Pa.
 Permutit Co, 330 W 42 St, New York 36, N. Y.
 Philadelphia Pump & Machinery Co, Wynnewood, Pa.
 Wallace & Tiernan Inc, 25 Main St, Belleville 9, N. J.
 Whitlock Mfg Co, 46 South St, Elmwood Station, Hartford 10, Conn.

CHUTES

Beaumont Birch Co, 1505 Race St, Phila 2, Pa.
 Connery Construction Co, 2 & Luzerne Sts, Philadelphia 40, Pa.
 Continental Boiler & Sheet Iron Works, 5601 W Park, St. Louis 10, Mo.
 Corrigan J C Co Inc, 41-47 Norwood St, Boston 22, Mass.
 Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio.
 Gifford-Wood Co, Hudson, N.Y.
 Graver Tank & Mfg Co, 4809 Tod Ave, East Chicago, Ind.
 Jeffrey Mfg Co, 932 N 4 St, Columbus 16, Ohio.
 McClave Co, 751 Mill St, Allentown, Pa.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas.
 Richardson Scale Co, Clifton, N. J.
 Stephens-Adamson Mfg Co, 5 Ridgeway, Aurora, Ill.
 Wilmot Engrg Co, Hazleton, Pa.

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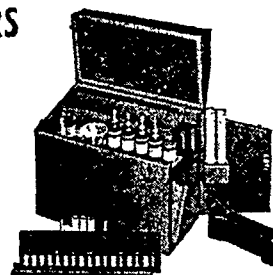
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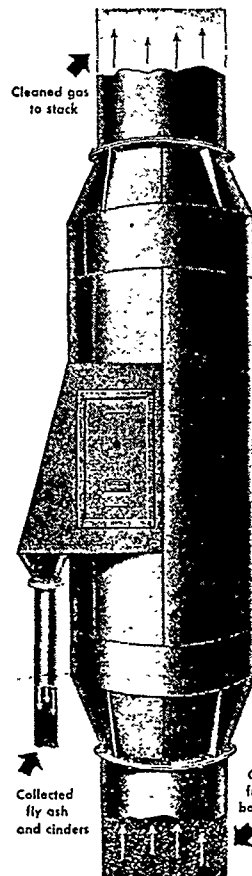


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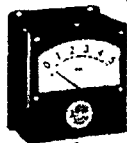
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United States Rubber Co., 1230 Ave. of Americas, New York 20, N. Y.
Western Felt Works, Inc., 4115 W Ogden Ave., Chicago 23, Ill.
Zimmerman Packing Co., 2768 Highland Ave., Norwood, Cincinnati 12, Ohio

GASKETS, FIBER

Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio
Anchor Packing Co., 401 N Broad St., Philadelphia 8, Pa.
Armstrong Cork Co., Liberty St., Lancaster, Pa.
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Darcoid Co., Inc., 145 Sixth Ave., New York 13, N. Y.
Felt Products Mfg Co., 1511 Carroll Ave., Chicago 7, Ill.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
Johns-Manville, Inc., 22 East 40 St., New York 16, N. Y.
Sealube Co., 14 Valley St., Wakefield, Mass.
United States Gasket Co., 602 North 10 St., Camden, N. J.
United States Rubber Co., 1230 Ave. of Americas, New York 20, N. Y.
Walker, James, Packing Co., Inc., 6924 S Halsted St., Chicago 21, Ill.
Zimmerman Packing Co., 2768 Highland Ave., Norwood, Cincinnati 12, Ohio

GASKETS, LEATHER

Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio
Anchor Packing Co., 401 N Broad St., Philadelphia 8, Pa.
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Darcoid Co., Inc., 145 Sixth Ave., New York 13, N. Y.
Felt Products Mfg Co., 1511 Carroll Ave., Chicago 7, Ill.
Fisher Leather Belting Co., Inc., 325 North Third St., Philadelphia 6, Pa.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Graton & Knight Co., 356 Franklin St., Worcester, Mass.
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
Walker, James, Packing Co., Inc., 6924 S Halsted St., Chicago 21, Ill.
Zimmerman Packing Co., 2768 Highland Ave., Norwood, Cincinnati 12, Ohio

GASKETS, METALLIC

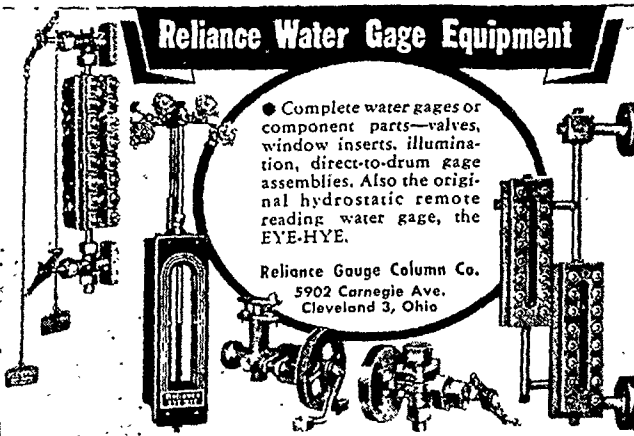
Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio
Anchor Packing Co., 401 N Broad St., Philadelphia 8, Pa.
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Darcoid Co., Inc., 145 Sixth Ave., New York 13, N. Y.
Division Lead Co., 7742 W 61st Pl., Summit, Ill.
Felt Products Mfg Co., 1511 Carroll Ave., Chicago 7, Ill.
Flexitall Gasket Co., 8th & Bailey Sts., Camden 2, N. J.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 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, Inc., 22 East 40 St., New York 16, N. Y.
Pilot Packing Co., Inc., P O Box 748, Sea Cliff, N. Y.
Robinson, John R., Inc., 350 West 31st St., New York 1, N. Y.
Sea-Ro Packing Co., 133 Wood-Ridge St., Wood-Ridge, N. J.
United States Gasket Co., 602 North 10 St., Camden, N. J.

GASKETS, O-RING

Acadia Synthetic Products Div., Western Felt Works, Inc., 4115 Ogden Ave., Chicago 23, Ill.
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Crane Packing Co., 1830 Cuyler Ave., Chicago 13, Ill.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Goshen Rubber Co., Inc., 613 E Iowa St., Goshen, Ind.
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
International Packings Corp., Bristol, N. H.
Johns-Manville, Inc., 22 East 40 St., New York 16, N. Y.
Linear, Inc., State Rd & Levick St., Tacony, Philadelphia 35, Pa.
National Motor Bearing Co., Redwood City, Calif.
Parker Appliance Co., 17325 Euclid Ave., Cleveland 12, Ohio
Pilot Packing Co., Inc., P O Box 748, Sea Cliff, N. Y.
United States Gasket Co., 602 North 10 St., Camden, N. J.
Walker, James, Packing Co., Inc., 6924 S Halsted St., Chicago 21, Ill.

GASKETS, PLASTIC

Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio
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Cadillac Plastic Co., 15111 Second Ave., Detroit 3, Mich.
Crane Packing Co., 1830 Cuyler Ave., Chicago 13, Ill.
Darcoid Co., Inc., 145 Sixth Ave., New York 13, N. Y.



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Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Goodyear Tire & Rubber Co., Inc., 1144 East Market St., Akron 16, Ohio
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
Johns-Manville, Inc., 22 East 40 St., New York 16, N. Y.
Sealube Co., 14 Valley St., Wakefield, Mass.
United States Gasket Co., 602 North 10 St., Camden, N. J.

GASKETS, SPIRAL-WOUND

Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Felt Products Mfg Co., 1511 Carroll Ave., Chicago 7, Ill.
Flexitall Gasket Co., Eighth & Bailey Sts., Camden 2, N. J.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
Johns-Manville, Inc., 22 East 40 St., New York 16, N. Y.
Pilot Packing Co., Inc., P O Box 748, Sea Cliff, N. Y.
United States Gasket Co., 602 North 10 St., Camden, N. J.

GASKETS, RUBBER. SYNTHETIC RUBBER

Acadia Synthetic Products Div., Western Felt Works, Inc., 4115 Ogden Ave., Chicago 23, Ill.
Akron Metallic Gasket Co., 150-164 North Union St., Box 911, Akron, Ohio

Anchor Packing Co., 401 N Broad St., Philadelphia 8, Pa.
Armstrong Cork Co., Liberty St., Lancaster, Pa.
Belmont Packing & Rubber Co., Butler & Sepviva Sts., Philadelphia 37, Pa.
Brownell Co., 300 North Findlay St., Dayton 1, Ohio
Chesterton, A W Co., 6 Ashland St., Everett 49, Mass.
Clow, James B., & Sons, Inc., 201-299 North Talman Ave., Chicago 12, Ill.
Crane Packing Co., 1830 Cuyler Ave., Chicago 13, Ill.
Durkee-Atwood Co., 217 Seventh St., N E, Minneapolis 13, Minn.
Ernst Water Column & Gage Co., 250 Livingston Ave., Livingston, N. J.
Felt Products Mfg Co., 1511 Carroll Ave., Chicago 7, Ill.
Flexrock Co., 3609 Filbert St., Philadelphia 1, Pa.
Garlock Packing Co., 402 East Main St., Palmyra, N. Y.
Goodall Rubber Co., 411 Whitehead Rd., Trenton 4, N. J.
Goodyear Tire & Rubber Co., Inc., 1144 East Market St., Akron 16, Ohio
Goshen Rubber Co., Inc., 613 E Iowa St., Goshen, Ind.
Greene, Tweed & Co., 322 Elm Ave., North Wales, Pa.
Hewitt-Robins Inc., 666 Glenbrook Rd., Stamford, Conn.
Hollow Center Packing Co., 6523 Euclid Ave., Cleveland 3, Ohio
International Packings Corp., Bristol, N. H.
Johns-Manville, Inc., 22 East 40 St., New York 16, N. Y.
Linear, Inc., State Rd & Levick St., Tacony, Philadelphia 35, Pa.
New York Belting & Packing Co., 1 Market St., Passaic, N. J.
Parker Appliance Co., 17325 Euclid Ave., Cleveland 12, Ohio
Pilot Packing Co., Inc., P O Box 748, Sea Cliff, N. Y.
Quaker Rubber Corp., Div. H K Porter Co., Tacony & Comly St., Philadelphia 24, Pa.
Raybestos-Manhattan, Inc., 61 Willett St., Passaic, N. J.
Sealube Co., 14 Valley St., Wakefield, Mass.
Sea-Ro Packing Co., 133 Wood-Ridge St., Wood-Ridge, N. J.
United States Gasket Co., 602 North 10 St., Camden, N. J.

GARLOCK

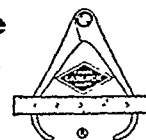
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Zimmerman Packing Co, 2768 Highland Ave, Norwood, Cincinnati 12, Ohio

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Beaumont Birch Co, 1505 Race St, Philadelphia 2, Pa.
Chain Belt Co, 4674 W Greenfield Ave, Milwaukee 1, Wis.
Continental Boiler & Sheet Iron Works, 5601 West Park, St. Louis 10, Mo.
Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio
Gifford-Wood Co, Hudson, N. Y.
Graver Tank & Mfg Co, 4809 Tod Ave, East Chicago, Ind.
Jeffrey Mfg Co, 932 North Fourth St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
McAleenan Bros Co, 25 & R R Sts, Pittsburgh 22, Pa.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
National Conveyors Co, Inc, 25 Industrial Ave, Fairview, Bergen County, N. J.
Omega Machine Co, Div B-I-F Industries Inc, 354 Harris Ave, Providence, R. I.
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
Stephens-Adams Mfg Co, 5 Ridgeway, Aurora, Ill.
Stock Equip Co, 745 Hanna Bldg, Cleveland 15, Ohio
United Conveyor Corp, 37 West Van Buren St, Chicago 5, Ill.
Wilnot Engrg Co, Hazleton, Pa.

GATES, BLAST

Eclipse Fuel Engrg Co, 1029 Buchanan St, Rockford, Ill.
Hauck Mfg Co, 136 Tenth St, Brooklyn 15, N. Y.
Kirk & Blum Mfg Co, 3120 Forrer, Cincinnati 9, Ohio
McClave Co, 751 Mill St, Allentown, Pa.
Rockwell, W S, Co, 200 Eliot St, Fairfield, Conn.

GATES, HYDRO-SYSTEM

Filer & Stowell Co, 147 East Becher St, Milwaukee 7, Wisc.

Graver Tank & Mfg Co, 4809 Tod Ave, East Chicago, Ind.
Hunt, Rodney, Machine Co, Orange, Mass.
Murray, D J, Mfg Co, 1002 Third St, Wausau, Wis.
Phillips & Davies, Kenton, Ohio
Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

GEARMOTORS

(See Motors, gear)

GEARS, POWER-TRANSMISSION

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Bond, Charles, Co, 617-623 Arch St, Philadelphia 6, Pa.
Boston Gear Works, 14 Hayward St, North Quincy 71, Mass.
Brad Foote Gear Works, Inc, 1317 S Cicero Ave, Cicero 50, Ill.
Cleveland Worm & Gear Co, 3262 East 80 St, Cleveland 4, Ohio
Cullman Wheel Co, 1344 Altgeld St, Chicago 14, Ill.
De Laval Steam Turbine Co, Trenton 2, N. J.
Falk Corp, 3071 West Canal St, Milwaukee 8, Wisc.
Farrel-Birmingham Co, Inc, Ansonia, Conn.
Foote Bros. Gear & Machine Corp, 4545 South Western Blvd, Chicago 9, Ill.
Grant Gear Works, 154 West Second St, South Boston, Mass.
Jeffrey Mfg Co, 932 North Fourth St, Columbus 16, Ohio
Jones, W A, Foundry & Machine Co, 4423 Roosevelt Rd, Chicago 24, Ill.
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
Michigan Tool Co, Cone-Drive Gears Div, 7171 East McNichols Rd, Detroit 12, Mich.
Murray Iron Works Co, Burlington, Iowa
Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
Philadelphia Gear Works, Inc, G St. & Erie Ave, Philadelphia 34, Pa.
Sier Bath Gear & Pump Co, Inc, 9252 Hudson Blvd, North Bergen, N. J.
Snow-Nabstedt Gear Corp, 251 Welton St, Hamden 7, Conn.
Terry Steam Turbine Co, P O Box 1200, Hartford 1, Conn.

Twin Disc Clutch Co, 1328 Racine St, Racine, Wis.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.
Wilnot Engrg Co, Hazleton, Pa.
Worthington Corp, Harrison, N. J.

GENERATOR SETS, DIESEL, SELF-CONTAINED

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wisc.
Baldwin-Lima-Hamilton Corp, Paschall P O, Philadelphia 42, Pa.
Buda Co, Div Allis-Chalmers Mfg Co, 154 & Commercial Sts, Harvey, Ill.
Caterpillar Tractor Co, Peoria, Ill.
Chicago Pneumatic Tool Co, 6 East 44 St, New York 17, N. Y.
Cooper-Bessemer Corp, Mount Vernon, Ohio
Cummins Engine Co, Inc, Fifth & Union Sts, Columbus, Ind.
Electro-Motive Div, General Motors Corp, LaGrange, Ill.
Elliott Co, Ridgway, Pa.
Harnischfeger Corp, 4400 West National Ave, Milwaukee 46, Wisc.
Hobart Brothers Co, Hobart Square, Troy 1, Ohio
Ingersoll-Rand Co, 11 Broadway, New York 4, N. Y.
Le Tourneau, R G, Inc, Longview, Texas
Murphy Diesel Co, 5317 West Burnham St, Milwaukee 14, Wisc.
National Supply Co, Engine Div, 1401 Sheridan Ave, Springfield 99, Ohio
Onan, D W, & Sons, Inc, University Ave S E at 25th, Minneapolis 14, Minn.
Palmer Electric Mfg Co Div Leach Corp, 6629 Bear Ave, Bell, Calif.
Ready Power Co, Power Plant Div, 11231 Freud Ave, Detroit, Mich.
Sterling Engine Co, 1270 Niagara St, Buffalo 13, N. Y.
Union Diesel Engine Co, 2121 Diesel St, Oakland 6, Calif.
Waukesha Motor Co, Waukesha, Wisc.
Worthington Corp, Harrison, N. J.

GENERATORS, ELECTRIC, AC

Allis, Louis Co, 427 E Stewart St, Milwaukee 7, Wis.
Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wisc.
Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Century Electric Co, 1806 Pine St, St Louis 3, Mo.
Columbia Electric Mfg Co, 4519 Hamilton Ave, Cleveland 14, Ohio
Delco Products Div General Motors Corp, 329 East First St, Dayton 1, Ohio
Electric Machinery Mfg Co, 800 Central Ave, Minneapolis 13, Minn.
Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio
Electro-Motive Div, General Motors Corp, LaGrange, Ill.
Elliott Co, Ridgway, Pa.
Fairbanks, Morse & Co, Fairbanks-Morse Bldg, Chicago 5, Ill.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Hobart Brothers Co, Hobart Square, Troy 1, Ohio
Kurz & Root Co, 232 East North Island St, Appleton, Wis.
Le Tourneau, R G, Inc, Longview, Texas
Master Electric Co, 126 Davis, Dayton, Ohio
Onan, D W, & Sons, Inc, University Ave, SE at 25th, Minneapolis 14, Minn.
Palmer Electric Mfg Co Div Leach Corp, 6629 Bear Ave, Bell, Calif.
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

GENERATORS, ELECTRIC, DC

Allis, Louis Co, 427 E Stewart St, Milwaukee 7, Wis.
Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wisc.
Brown Boveri Corp, 19 Rector St, New York 6, New York
Century Electric Co, 1806 Pine St, St Louis 3, Mo.
Columbia Electric Mfg Co, 4519 Hamilton Ave, Cleveland 14, Ohio
Delco Products Div General Motors Corp, 329 East First St, Dayton 1, Ohio
Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio
Electro-Motive Div, General Motors Corp, LaGrange, Ill.
Elliott Co, Ridgway, Pa.
Fairbanks, Morse & Co, Fairbanks-Morse Bldg, Chicago 5, Ill.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Hanson-Van Winkle-Munning Co, Church St, Maitland, N. J.
Hobart Brothers Co, Hobart Square, Troy 1, Ohio

Kurz & Root Co, 232 East North Island St, Appleton, Wis.
Master Electric Co, 126 Davis, Dayton, Ohio
Onan, D W, & Sons, Inc, University Ave, at 25th, Minneapolis 14, Minn.
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Reliance Electric & Engrg Co, 1058 Ivhoe Rd, Cleveland 10, Ohio
Servo-Tek Products Co, Inc, 1086 George Rd, Hawthorne, N. J.
Sorensen & Co, Inc, 375 Fairfield Ave, Stamford, Conn.
Troy Engine & Machine Co, 1500 Railroad Ave, Troy, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

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Fairbanks, Morse & Co, Fairbanks-Morse Bldg, Chicago 5, Ill.
Hobart Brothers Co, Hobart Square, Troy 1, Ohio
LeRoi Co, 1706 South 68th St, Milwaukee 14, Wisc.
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Palmer Electric Mfg Co Div Leach Corp, 6629 Bear Ave, Bell, Calif.
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Troy Engine & Machine Co, 1500 Railroad Ave, Troy, Pa.

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(See Boilers)

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Elliott Co, Ridgway, Pa.
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Murray Iron Works Co, Burlington, Iowa
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.
Wing, L J, Mfg Co, 50 Vreeland Mills Linden, N. J.
Worthington Corp, Harrison, N. J.

GENERATORS, WATERWHEEL

Allis-Chalmers Mfg Co, 952 South 70 Milwaukee 1, Wisc.
General Electric Co Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.

GLASSES, GAGE

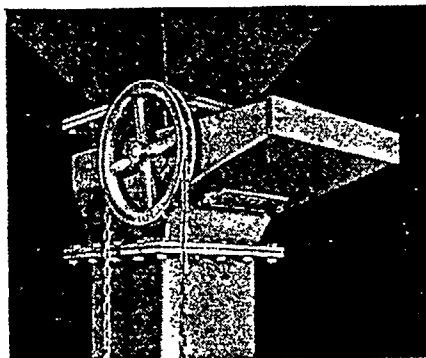
Anchor Packing Co, 401 N Broad St, Philadelphia, Pa.
Chesterton, A W Co, 6 Ashland St, Everett 49, Mass.
Corning Glass Works, Corning, N. Y.
Diamond Power Specialty Corp, Lancaster, Ohio
Ernst Water Column & Gage Co, 250 Livingston Ave, Livingston, N. J.
Jerguson Gage & Valve Co, 87 Fellows Somerville, Mass.
Penberthy Injector Co, Div Buffalo-Electric Corp, 1242 Holden Ave, Detroit 2, Mich.
Reliance Gauge Column Co, 5902 Carnegie Ave, Cleveland 3, Ohio
Uehling Instrument Co, 472 Getty Ave, Paterson 3, N. J.
Wright-Austin Co, 3245 Wight St, Detroit 7, Mich.

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Atlas Valve Co, 280-84 South St, Newark 5, N. J.
Climax Controls, Black, Sivalis & Bryson Box 1529, Tulsa 1, Okla.
Black, Sivalis & Bryson, Inc, Power Light Bldg, Kansas City 6, Mo.
Coffin, J S, Jr, Co, 326 S Dean St, Englewood, N. J.
Copes-Vulcan Div, Continental Foundry Machine Co, Erie, Pa.
Davis Regulator Co, 2540 S Washtenaw Ave, Chicago 8, Ill.
Defender Instrument & Regulator Co, 62 Clark Ave, St Louis 2, Mo.
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 Engine Valve Mfg Co, 2527-2537 Bodine St, Philadelphia 32, Pa.
 Engine Engrg Co, Inc, Walden, N. Y.
 Engures, C E, Co, 18502 Syracuse Ave, Cleveland 10, Ohio
 Engstrom, Pfeiffer, 528 Bryant St, San Francisco 7, Calif.
 Engstrom, Power Plant Div, 15511 Euclid Ave, Cleveland 12, Ohio
 Troy Engine & Machine Co, 1500 Railroad Ave, Troy, Pa.
 Williams Gauge Co, Inc, 1620 Pennsylvania Ave, Pittsburgh 33, Pa.

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Troy Engine & Machine Co, 1500 Railroad Ave, Troy, Pa.
 Woodward Governor Co, 5001 North Second St, Rockford, Ill.

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 Dixon, Joseph, Crucible Co, 167 Wayne St, Jersey City 3, N. J.
 Durkee-Alwood Co, 217 Severn St, NE, Minneapolis 15, Minn.
 Garlock Packing Co, 402 East Main St, Palmyra, N. Y.
 Key Co, Box 494, East St. Louis, Ill.
 National Carbon Co, Div Union Carbide & Carbon Co, 30 East 42 St, New York 17, N. Y.
 U S Graphite Co, Div Wicks Corp, 1621 Holland Ave, Saginaw, Mich.

GRATES, ROCKING, SHAKING

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 Detroit Stoker Co, 5-125 General Motors Bldg, Detroit 2, Mich.
 Erie City Iron Works, 1422 East Ave, Erie, Pa.
 Keeler, E. Co, 238 West St, Williamsport 3, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Keystone Grate & Blower Works, Lincoln Highway E, Chambersburg, Pa.
 Laclede Stoker Co, 4438 Hunt Ave, St. Louis 10, Mo.
 McCleave Co, 751 Mill St, Allentown, Pa.

GRATES, STATIONARY

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 Brownell Co, 300 North Findlay St, Dayton 1, Ohio
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 Keeler, E. Co, 238 West St, Williamsport 3, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Keystone Grate & Blower Works, Lincoln Highway E, Chambersburg, Pa.
 Laclede Stoker Co, 4438 Hunt Ave, St. Louis 10, Mo.
 McCleave Co, 751 Mill St, Allentown, Pa.

GRATES, TRAVELING

See Stickers, traveling-grate

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 Borden Metal Products Co, 850 Green Lane, Elizabeth, N. J.
 Dravo Corp, Neville Island, Pittsburgh 25, Pa.
 Hendrix Mfg Co, P O Box 497, Carbon- dale, Pa.
 Irving Subway Grating Co, 50-09 27 St, Long Island City, N. Y.
 Kerlow Steel Flooring Co, 222 Culver Ave, Jersey City 5, N. J.
 Kerrigan Iron Works, 1033 Herman St, Nashville 2, Tenn.
 Klemp Metal Grating Corp, 6001 S. Melvina Ave, Chicago 38, Ill.
 Smith, A O, Corp, 3533 North 27th St, Milwaukee 1, Wisc.
 Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

GREASE, GRAPHITE

Acheson Colloids Co, Div Acheson Industries, Inc, Port Huron, Mich.
 Cities Service Oil Co, 70 Pine St, New York 5, N. Y.

Cook's, Adam, Sons, Inc, 5 North Stiles St, Linden, N. J.
 Dixon, Joseph, Crucible Co, 167 Wayne St, Jersey City 3, N. J.
 Ezzo Standard Oil Co, 15 West 51 St, New York 19, N. Y.
 Garlock Packing Co, 402 East Main St, Palmyra, N. Y.
 Greag, Inc, Niagara Falls, N. Y.
 Houghton, E F, & Co, 303 West Lehigh Ave, Philadelphia 33, Pa.
 Jet-Lube, Inc, P O Box 2044, Terminal Annex, Los Angeles 54, Calif.
 Keystone Lubricating Co, 21st & Clearfield Sts, Philadelphia 32, Pa.
 Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
 Pure Oil Co, 35 East Wacker Dr, Chicago 1, Ill.
 Swan-Finch Oil Corp, 205 East 42 St, New York 17, N. Y.
 Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.
 Valvoline Oil Co, Div Ashland Oil & Refining Co, 639 Third Ave, Freedom, Pa.

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 Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
 Cook's, Adam, Sons, Inc, 5 North Stiles St, Linden, N. J.
 Dixon, Joseph, Crucible Co, 167 Wayne St, Jersey City 3, N. J.
 Dow Corning Corp, Midland, Mich.
 Ezzo Standard Oil Co, 15 West 51 St, New York 19, N. Y.
 Fiske Bros. Refining Co, Lubriplate Div, 129 Lockwood St, Newark 5, N. J.
 Gredag, Inc, Niagara Falls, N. Y.
 Gulf Oil Corp, 1822 Gulf Bldg, Pittsburgh 30, Pa.
 Houghton, E F, & Co, 303 West Lehigh Ave, Philadelphia 33, Pa.
 Jet-Lube, Inc, P O Box 2044, Terminal Annex, Los Angeles 54, Calif.
 Keystone Lubricating Co, 21st & Clearfield Sts, Philadelphia 32, Pa.
 Magnus Chemical Co, Inc, 10 South Ave, Garwood, N. J.
 New York & New Jersey Lubricant Co, 292 Madison Ave, New York 17, N. Y.
 Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
 Pure Oil Co, 35 East Wacker Dr, Chicago 1, Ill.
 Rockwell, W S, Co, 200 Elliot St, Fairfield, Conn.
 Sanson, H E, & Sons, Inc, Manhasset, N. Y. & Phila 33, Pa.
 Sealube Co, 14 Valley St, Wakefield, Mass.
 Sinclair Refining Co, 600 Fifth Ave, New York 20, N. Y.
 Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
 Standard Oil Co, Indiana, 910 S Michigan Ave, Chicago 90, Ill.
 Stewart-Warner Corp, Alemitte Div, 1826 Diversey Pkwy, Chicago 14, Ill.
 Swan-Finch Oil Corp, 205 East 42 St, New York 17, N. Y.
 Texas Company, The, 135 East 42 St, New York 17, N. Y.
 Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.
 Union Oil Co of California, 617 West Seventh St, Los Angeles 17, Calif.
 Valvoline Oil Co, Div Ashland Oil & Refining Co, 639 Third Ave, Freedom, Pa.
 Warren Refining & Chemical Co, 5151 Denison Ave, Cleveland 2, Ohio

GUNS, TUBE-CLEANING (AIR OR WATER)

Airetool Mfg Co, 300 South Center St, Springfield, Ohio
 Elliott Co, Jeannette, Pa.
 Robinson, John R, Inc, 350 West 31st St, New York 1, N. Y.

HANDHOLE CAPS

(See Caps, boiler handhole)

HANGERS, PIPE

American District Steam Co, N Tonowanda, N. Y.
 Bergen Pipesupport Corp, 50 Church St, New York, N. Y.
 Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
 Continental Boiler & Sheet Iron Works, 5601 West Park, St. Louis 10, Mo.
 Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
 Grinnell Co, Inc, 266 West Exchange St, Providence 1, R. I.
 Holub Industries, Inc, 413 DeKalb Ave, Sycamore, Ill.
 Korlund Co, Inc, 48-48E 32 Place, Long Island City 1, N. Y.
 Truscon Steel Div Republic Steel Corp, 1315 Albert St, Youngstown 1, Ohio
 Walworth Co, 60 East 42 St, New York 17, N. Y.

HANGERS, PIPE, SPRING

Bergen Pipesupport Corp, 50 Church St, New York, N. Y.
 Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
 Grinnell Co, Inc, 266 West Exchange St, Providence 1, R. I.
 Korlund Co, Inc, 48-48E 32 Place, Long Island City 1, N. Y.
 Leibfried, C H Mfg Corp, 95-101 Guernsey St, Bklyn, N. Y.
 National Valve & Mfg Co, 3131 Liberty Ave, Pittsburgh 1, Pa.
 Oehler Development & Mfg Co, 2444 Gilchrist Rd, Akron 5, Ohio

HANGERS, SHAFT

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
 Bond, Charles, Co, 617-623 Arch St, Philadelphia 6, Pa.
 Dodge Mfg Corp, Mishawaka, Ind.
 Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
 Palmer-Bee Co, 1710 Poland Ave, Detroit 12, Mich.
 Standard Pressed Steel Co, Jenkintown, Pa.
 Truscon Steel Div Republic Steel Corp, 1315 Albert St, Youngstown 1, Ohio

HEAT EXCHANGERS

Adams, R P Co, Inc, 237 E Park Drive, Buffalo 17, N. Y.
 Alco Products Div, American Locomotive Co, Schenectady, N. Y.
 Aluminum Co of America, 1104 Alcoa Bldg, Pittsburgh 19, Pa.
 American District Steam Co, N Tonowanda, N. Y.
 American Locomotive Co, Schenectady 5, N. Y.
 American Water Softener Co, 330 West Lehigh Ave, Philadelphia 33, Pa.
 Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
 Barnstead Still & Sterilizer Co, Inc, 2 Lansville Terrace, Boston, Mass.
 Bell & Gossett Co, 8200 North Austin Ave, Morton Grove, Ill.
 Bros Boiler & Mfg Co, 1057 Tenth Ave, S E, Minneapolis 14, Minn.
 Brown Fintube Co, 300 Huron St, Elyria, Ohio
 Bros Mfg Co, 179 South St, West Hartford 10, Conn.
 Campbell, E K, Co, 1809 Manchester Ave, Kansas City, Mo.

Cleaver-Brooks Co, 326 East Keefe Ave, Milwaukee 12, Wisc.
 Coccrane Corp, 17th St & Allegheny Ave, Philadelphia 32, Pa.
 Coen Co, 40 Boardman Place, San Francisco 3, Calif.
 Cole, R D, Mfg Co, Box 576, Newnan, Ga.
 Condenser Service & Engrg Co, Inc, 164 Bloomfield St, Hoboken, N. J.
 Continental Boiler & Sheet Iron Works, 5601 West Park, St. Louis 10, Mo.
 Corning Glass Works, Corning, N. Y.
 Croll-Reynolds Engrg Co, Inc, 17 John St, New York 39, N. Y.
 Davis Engrg Corp, 1064 East Grand Ave, Elizabeth 4, N. J.
 Downingtown Iron Works, Inc, Wallace Ave, Downingtown, Pa.
 Drayer-Hanson, Inc, 3301 Medford St, Los Angeles 63, Calif.
 Duriron Co, Inc., Dayton 1, Ohio
 Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
 Frick Co, West Main St, Waynesboro, Pa.
 Graham Mfg Co, Inc, 415 Lexington Ave, New York, N. Y.
 General Electric Co, Air Conditioning Dept, 5 Lawrence St, Bloomfield, N. J.
 Graver Tank & Mfg Co, 4809 Tod Ave, East Chicago, Ind.
 Griscom-Russell Co, Massillon, Ohio
 Heat-X-Change Co, Inc, 1000 North Main St, Brewster, N. Y.
 Heil Process Equip Co, 12901 Elmwood Ave, Cleveland, Ohio
 Henszey Co, Watertown, Wis.
 Hunt, Rooney, Machine Co, Orange, Mass.
 International Boiler Works Co, 1 Birch St, East Stroudsburg, Pa.
 Jackson & Church Co, 306 Stoker Dr, Saginaw, Mich.
 Kellogg, M W Co, 225 Broadway, New York 7, N. Y.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, New York
 Kewanee-Ross Corp, Ross Heater Div, 1407 West Ave, Buffalo 13, N. Y.
 Leahy Mfg Co, 1804 East 8th St, Los Angeles 21, Calif.
 Lummus Co, 385 Madison Ave, New York 17, N. Y.
 McQuay, Inc, 1600 Broadway St, NE, Minneapolis 13, Minn.
 Madden Corp, 1543 Morse Ave, Chicago 25, Ill.
 Mahon, R O, Co, 6565 East Eight Mile Rd, Detroit 34, Mich.
 Marley Co, 222 West Gregory Blvd, Kansas City 15, Mo.

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WALTER BATES COMPANY, INC.
 JOLIET, ILLINOIS

Cleveland Fuel Equipment Co, 1111 Brook Park Rd, Cleveland 9, Ohio
Fischer & Porter Co, 500 Warminster Rd, Hatboro, Pa.
Foxboro Co, Foxboro, Mass.
General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
Hays Corp, Michigan City 6, Ind.
Jackson & Church Co, 306 Stoker Dr, Saginaw, Mich.
Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
Marsh, J. P. Corp, Dept F, Skokie, Ill.
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn.
Perfex Corp, 500 W Oklahoma, Milwaukee, Wis.
Roller-Smith Corp Instrument Div, 1825 W Market St, Bethlehem, Pa.
Sangamo Electric Co, Springfield, Ill.
Sensitive Research Instrument Co, 9-11 Elm Ave, Mount Vernon, N. Y.
Sicht Co, Herman H, 27 Park Pl, New York 7, N. Y.
Streeter-Amet Co, 4101 Ravenswood Ave, Chicago 12, Ill.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.
Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

INSTRUMENTS, ELECTRICAL, RECORDING

Barber-Colman Co, 116 Loomis St, Rockford, Ill.
Brush Electronics Co, 3405 Perkins Ave, Cleveland, Ohio.
Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.
Esterline-Angus Co Inc, P O Box 596, Indianapolis 6, Ind.
Foxboro Co, Foxboro, Mass.
General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
Hays Corp, Michigan City 6, Ind.
Jackson & Church Co, 206 Stoker Dr, Saginaw, Mich.
Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn.
Sangamo Electric Co, Springfield, Ill.
Streeter-Amet Co, 4101 Ravenswood Ave, Chicago 12, Ill.
Taller & Cooper, Inc, 75 Front St, Brooklyn, N. Y.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.
Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

INSTRUMENTS, GROUND-RESISTANCE

Associated Research Inc, 3770 W Belmont Ave, Chicago 18, Ill.
Biddle, James G Co, 1316 Arch St, Philadelphia 7, Pa.
Harco Corp, Box 7026, Cleveland 28, Ohio
Sicht Co, Herman H, 27 Park Pl, New York 7, N. Y.

INSULATION, ELECTRIC

Dow Corning Corp, Midland, Mich.
General Electric Co, Chemical Div, Pittsfield, Mass.
Johns-Manville, 22 E 40 St, New York 16, N. Y.
Minnesota Mining & Mfg Co, St Paul 6, Minn.

Owens-Corning Fiberglas Corp, Nicholas Bldg, Toledo 1, Ohio
Raybestos-Manhattan Inc, Manheim, Pa.

INSULATION, HEAT AND COLD, INDUSTRIAL

American Gilsonite Co, 134 W Broadway, Salt Lake City 1, Utah.
Armstrong Cork Co, Liberty St, Lancaster, Pa.
Baldwin-Hill Co, 500 Breunig Ave, Trenton 2, N. J.
Bigelow-Liptak Corp, 2550 W Grand Blvd, Detroit 8, Mich.
Bothfield Refractories Co, Swanson & Clymer St, Philadelphia 47, Pa.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
Carey, Philip Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio
Chicago Fire Brick Co, 1461 N Elston Ave, Chicago 22, Ill.
Detrick, M H, Co, 111 W Washington St, Chicago 2, Ill.
Dow Corning Corp, Midland, Mich.
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Forty-Eight Insulations Inc, Aurora, Ill.
Foster, Benjamin, Mfg Co, 4635 West Girard Ave, Philadelphia 31, Pa.
Gladding, McBean & Co, 2901 Los Feliz Blvd, Los Angeles, Calif.
Glass Fibers Inc, 1810 Madison Ave, Toledo 2, Ohio
Gustin-Bacon Mfg Co, 250 W 10 St, Kansas City, Mo.
Infra Insulation Inc, 525 Broadway, New York, N. Y.
Johns-Manville, 22 E 40 St, New York 16, N. Y.
Keesbey & Mattison Co, Butler Ave, Ambler, Pa.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Mundet Cork Corp, 7101 Tonnelle Ave, North Bergen, N. J.
National Cork Co, 1 Engle St, Englewood, N. J.
Owens-Corning Fiberglas Corp, Nicholas Bldg, Toledo 1, Ohio
Kaylo Div, Owens-Illinois, P O Box 1035, Toledo 1, Ohio
Pittsburgh Corning Corp, One Gateway Center, Pittsburgh 22, Pa.
Quigley Co, Inc, 527 5 Ave, New York 17, N. Y.
Raybestos-Manhattan Inc, Manheim, Pa.
Refractory & Insulation Corp, 120 Wall St, New York 5, N. Y.
Standard Asbestos Mfg Co, 860 W Evergreen Ave, Chicago 22, Ill.
Thompson, H I, Fiber Glass Co, 1733 Cordova St, Los Angeles 7, Calif.
Union Asbestos & Rubber Co, 332 South 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.
Carey, Philip Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
Flintkote Co, Industrial Products Div, 30 Rockefeller Plaza, New York 20, N. Y.

Forty-Eight Insulations Inc, Aurora, Ill.
Foster, Benjamin Mfg Co, 4635 W Girard Ave, Philadelphia 31, Pa.
Glass Fibers Inc, 1810 Madison Ave, Toledo 2, Ohio
Gustin-Bacon Mfg Co, 250 W 10 St, Kansas City, Mo.
Industrial Acoustics Co Inc, 341 Jackson Ave, Bronx 54, N. Y.
Johns-Manville, 22 E 40 St, New York 16, N. Y.
Keesbey & Mattison Co, Butler Ave, Ambler, Pa.
Mortell J W Co, Kankakee, Ill.
Owens-Corning Fiberglas Corp, Nicholas Bldg, Toledo 1, Ohio
Thompson, H I, Fiber Glass Co, 1733 Cordova St, Los Angeles 7, Calif.
Union Asbestos & Rubber Co, 332 S Michigan Ave, Chicago 4, Ill.
Zonolite Co, 135 South LaSalle St, Chicago 3, Ill.

INSULATORS, ELECTRIC

Delta-Star Electric Div, H K Porter Co Inc, 2437 Fulton St, Chicago 12, Ill.
Lapp Insulator Co, Inc, 150 Maple St, LeRoy, N. Y.
Line Material Co, Div, McGraw Electric Co, 700 W Michigan St, Milwaukee 1, Wis.
National Electric Products Corp, Chamber of Commerce Bldg, Pittsburgh 19, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

INTERCOMMUNICATION SYSTEMS

Automatic Electric Sales Corp, 1033 W Van Buren St, Chicago 7, Ill.
Executone Inc, 415 Lexington Ave, New York 17, N. Y.
Federal Telephone & Radio Corp, Div I T & T, 100 Kingsland Rd, Clifton, N. J.
Femco Inc, Irwin, Pa.
Gai-Tronics Corp, 412 Washington St, Reading, Pa.
Radio Corp of America, Engrg Products Dept, Camden, N. J.
U S Instrument Corp, 409 Broad St, Summit, N. J.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

ION-EXCHANGERS

(See Demineralizers, Resins, Softeners)

ISOLATORS, VIBRATION

American Metal Hose Br, American Brass Co, 698 S Main St, Waterbury 20, Conn.
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
Felters Co, 210 South St, Boston 11, Mass.
Finn, T R & Co, 200 Central Ave, Hawthorne, N. J.
Glass Fibers Inc, 1810 Madison Ave, Toledo 2, Ohio
Johns-Manville, 22 E 40 St, New York 16, N. Y.
Korfund Co Inc, 48-48E 32 Pl, Long Island City 1, N. Y.
Lord Mfg Co, 1635 W 12 St, Erie, Pa.
National Cork Co, 1 Engle St, Englewood, N. J.
Raybestos-Manhattan Inc, 61 Willett St, Passaic, N. J.
Seamless Co Inc, 41-23 24 St, Long Island City 1, N. Y.
United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.
Vibration Eliminator Co, 10-28 47 Ave, Long Island City, N. Y.

JACKETING, ALUMINUM

Aluminum Co of America, 1104 Alcoa Bldg, Pittsburgh 19, Pa.
Childers Mfg Co, Box 7447, Houston 8, Tex.
Smith Products, 43643 W Nine Mile Rd, Northville 1, Mich.

JETS, OVERFIRE

Canton Stoker Corp, 741 Andrews Pl S W, Canton 1, Ohio
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Pifbrico Co, 1800 Kingsbury St, Chicago 4, Ill.

JOINTS, EXPANSION

Alco Products Div, American Locomotive Co, Dunkirk, N. Y.
American District Steam Co, Inc, North Tonawanda, N. Y.
Badger Mfg Co, 230 Bent St, Cambridge 41, Mass.
Bethlehem Steel Co, Bethlehem, Pa.
Carey, Philip Mfg Co, Wayne & Cooper, Cincinnati 15, Ohio

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Insulating MATERIALS

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Mineral wool blanket insulation for large or small surfaces, flat or curved; laminated for greater efficiency and strength for operating temperatures to 900° F. Made in standard and special sizes, with any required metal fabric reinforcements.

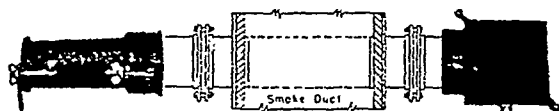
STIC-TITE INSULATING CEMENT

A plastic insulation easy to mix, apply and finish. Economical coverage. Saves more heat. Reclaimable. Used wherever there's heat to save. Sticks tight to other insulation or on metal or brick surfaces.

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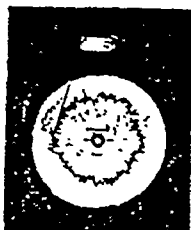
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Jet Lube Co., P. O. Box 2044 Terminal
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Lincoln Engrg Co. 5702 Natural Bridge
Ave., St. Louis 20, Mo.
Madison-Kipp Co. Madison 10 Wis.
Oil-Rite Corp, 2378 Waldo Blvd, Mani-
towoc, Wis.
Stewart-Warner Corp, Alemitte Div, 1826
Diversey Pkwy, Chicago 14, Ill.

LUBE-OIL TESTERS

(See K.I.S. lube-, insulating test)

LUBRICATORS, SIGHT-FEED

Bowser Inc, 1302 E Creighton Ave, Ft.
Wayne 2, Ind.
Hills-McCanna Co, 2456 W Neilson St,
Chicago 13, Ill.
Inergan, J E Co, 209 Race St, Phila-
delphia 6, Pa.
Lunkenheimer Co, Beekman St, & Waverly
Ave, Cincinnati 14, Ohio
Oil-Rite Corp, 2378 Waldo Blvd, Mani-
towoc, Wis.
Powell, Wm, Co, 2525 Spring Grove Ave,
Cincinnati 22, Ohio
Pure Oil Co, 35 E Wacker Dr, Chicago
1, Ill.
Trico Fuse Mfg Co, 2940 N 5 St,
Milwaukee 12, Wis.

LUBRICATION SYSTEMS, CENTRALIZED

Bijur Lubricating Corp, Rochelle Park,
N. J.
Bowser Inc, 1302 E Creighton Ave, Ft.
Wayne 2, Ind.
De Laval Separator Co, Poughkeepsie,
N. Y.
Farval Corp, 3262 E 80 St, Cleveland 4,
Ohio
Lincoln Engrg Co, 5701 Natural Bridge
Ave, St. Louis 20, Mo.
Madison-Kipp Corp, Madison 10, Wis.
Manzel Div, Frontier Industries Inc, 315
Babcock St, Buffalo 10, N. Y.
Nugent, W W, & Co, 410, N Hermitage
Ave, Chicago 22, Ill.
Oil-Rite Corp, 2378 Waldo Blvd, Mani-
towoc, Wis.
Stewart-Warner Corp, Alemitte Div, 1826
Diversey Pkwy, Chicago 14, Ill.
Trico Fuse Mfg Co, 2940 N 5 St,
Milwaukee 12, Wis.

MACHINES, PIPE-CUTTING AND THREADING

Beaver Pipe Tools Inc, 31C Dana St,
N E, Warren, Ohio
Oster Mfg Co, 2057 E 61 Pl, Cleveland,
Ohio
Ridge Tool Co, 400 Clark St, Elyria,
Ohio
Toledo Pipe Threading Machine Co, 1445
Summit St, Toledo 4, Ohio
Vernon Tool Co Ltd, 1101 Meridian Ave,
Aihambra, Calif.

MACHINES, VALVE-RESEATING

Black & Decker Mfg Co, Towson 4, Md.
Deaoy Chemical Co, 1316-18 St. Louis
Ave, Kansas City 1, Mo.
Sexauer, J A, Mfg Co, 2503 3 Ave, New
York 51, N. Y.
Thor Power Tool Co, 175 N State St,
Aurora, Ill.

PIPE MACHINES

(See Machines, pipe-cutting and
threading)

MAGNETIC COUPLINGS

(See Couplings, magnetic-drive)

85% MAGNESIA PRODUCTS

Armstrong Cork Co, Liberty St, Lancaster,
Pa.
Carey, Philip Mfg Co, Wayne at Cooper,
Cincinnati 15, Ohio.
Johns-Manville, 22 E 40 St, New York
16, N. Y.
Keasbey & Mattison Co, Butler Ave,
Ambler, Pa.
Mundet Cork Corp, 7101 Tonnelle Ave,
North Bergen, N. J.
Standard Asbestos Mfg Co, 860 W Ever-
green Ave, Chicago 22, Ill.

MANOMETERS

Defence Instrument & Regulator Co, 815
Clark Ave, St. Louis 2, Mo.
F W Dwyer Mfg Co, 317 S Western Ave,
Chicago, Ill.
Ellison Draft Gage Co, 548 W Monroe,
Chicago 10, Ill.
Fischer & Porter Co, 500 Harminster Rd,
Hartboro, Pa.

A-B Instrument Co, Inc, American & Bris-
tol Sts, Philadelphia 40, Pa.
Manning, Maxwell & Moore Inc, 350 E
Main St, Stratford, Conn.
Thermo Instrument Co, 1310 County Rd,
Beaumont, Calif.
Thompson, John Ltd, 441 Lexington Ave,
New York 17, N. Y.
Uehling Instrument Co, 472 Getty Ave,
Paterson 3, N. J.
Wallace & Tiernan Inc, 25 Main St,
Belleville 9, N. J.

MANIFOLDS, DIESEL-EXHAUST

Continental Boiler & Sheet Iron Works,
5601 West Park, St. Louis 10, Mo.
Flori Pipe Co, 601 East Red Bud Ave,
St. Louis 15, Mo.
Graver Tank & Mfg Co, 4809 Tod Ave,
East Chicago, Ind.
Stover Steel Tank & Mfg Co, 100 South
Hancock St, Freeport, Ill.

MARKERS, SELF-STICKING

(For Pipes, wires, safety signs)

Brady, W H Co, 727 W Glendale Ave,
Milwaukee 12, Wis.
Western Lithograph Co, Westline Products
Div, 600 East Second St, Los Angeles
54, Calif.

MASONRY SAWS

(See Saws, masonry, concrete)

MEGOhmmeters

Associated Research Inc, 3770 West Bel-
mont Ave, Chicago 18, Ill.
Biddle, James G, Co, 1316 Arch St, Phila-
delphia 7, Pa.
Industrial Instruments, Inc, 89 Conway
Rd, Cedar Grove, N. J.
Simpson Electric Co, 5200 West Kinzie,
Chicago 44, Ill.
Sticht Co, Herman H, 27 Park Pl, New
York 7, N. Y.
Weston Electrical Instrument Corp, 614
Frelinghuysen Ave, Newark 5, N. J.

METAL HOSE

(See Hose, metal, flexible)

METAL-SPRAY EQUIPMENT

Coast Metals, Inc, Little Ferry, N. J.
Gray Co, Inc, 60 11th Ave, N E, Min-
neapolis 13, Minn.
Metallizing Co of America, 3520 W Car-
roll Ave, Chicago 24, Ill.
Metallizing Engrg Co, Inc, 1101 Prospect
Ave, Westbury, L I, N. Y.

METALS, ACID-RESISTANT

Allegheny Ludlum Steel Corp, Oliver Bldg,
Pittsburgh 22, Pa.
Aluminum Co of America, 1104 Alcoa
Bldg, Pittsburgh 19, Pa.
American Brake Shoe Co, 230 Park Ave,
New York, N. Y.
American Brass Co, 414 Meadow St,
Waterbury 20, Conn.
Armco Steel Corp, 703 Curtis St, Middle-
town, Ohio
Bridgeport Brass Co, 40 Grand St, Bridge-
port 4, Conn.
Cooper Alloy Foundry Co, Bloy St & Ram-
say Ave, Hillside, N. J.
Division Lead Co, 7742 W 61st Pl,
Summit, Ill.
Duriron Co, Inc, Dayton 1, Ohio
Electro Metallurgical Co, 30 East 42 St,
New York 17, N. Y.
Fansteel Metallurgical Corp, North Chicago,
Ill.
General Electric Co, Carboly Dept, Box
237, RPA, Detroit 32, Mich.
Haynes Stellite Co, 725 South Lindsay St,
Kokomo, Ind.
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
U S Steel Corp, 525 William Penn Place,
Pittsburgh 30, Pa.

METALS, ABRASION-RESISTANT

Allegheny Ludlum Steel Corp, Oliver Bldg,
Pittsburgh 22, Pa.
American Brake Shoe Co, 230 Park Ave,
New York, N. Y.
Armco Steel Corp, 703 Curtis St, Middle-
town, Ohio
Coast Metals, Inc, Little Ferry, N. J.
Cooper Alloy Foundry Co, Bloy St &
Ramsay Ave, Hillside, N. J.
Duriron Co, Inc, Dayton 1, Ohio
Fansteel Metallurgical Corp, North Chicago,
Ill.
General Electric Co, Carboly Dept, Box
237, RPA, Detroit 32, Mich.
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
P R Mallory & Co, Inc, 3029 East Wash-
ington St, Indianapolis 6, Ind.

United Conveyor Corp, 37 West Van Buren
St, Chicago 5, Ill.
U S Steel Corp, 525 William Penn Place,
Pittsburgh 30, Pa.
Wilnot Engrg Co, Hazelton, Pa.

METALS, BEARING

Aluminum Co of America, 1104 Alcoa
Bldg, Pittsburgh 19, Pa.
American Brake Shoe Co, 230 Park Ave,
New York, N. Y.
American Brass Co, 414 Meadow St,
Waterbury 20, Conn.
Bearium Metals Corp, 268 State St,
Rochester 14, N. Y.
Boston Gear Works, 14 Hayward St, North
Quincy 71, Mass.
Chase Brass & Copper Co, 236 Grand St,
Waterbury 20, Conn.
Division Lead Co, 7742 W 61st Pl,
Summit, Ill.
Timken Roller Bearing Co, 1835 Deuber
Ave, S W, Canton 6, Ohio

METALS, CORROSION-RESISTANT

Allegheny Ludlum Steel Corp, Oliver Bldg,
Pittsburgh 22, Pa.
Aluminum Co of America, 1104 Alcoa
Bldg, Pittsburgh 19, Pa.
American Brake Shoe Co, 230 Park Ave,
New York, N. Y.
American Brass Co, 414 Meadow St,
Waterbury 20, Conn.
Armco Steel Corp, 703 Curtis St, Middle-
town, Ohio
Bridgeport Brass Co, 40 Grand St, Bridge-
port 4, Conn.
Chase Brass & Copper Co, 236 Grand St,
Waterbury 20, Conn.
Coast Metals, Inc, Little Ferry, N. J.
Cooper Alloy Foundry Co, Bloy St &
Ramsay Ave, Hillside, N. J.
Division Lead Co, 7742 W 61st Pl,
Summit, Ill.
Duriron Co, Inc, Dayton 1, Ohio
Electro Metallurgical Co, 30 East 42 St,
New York 17, N. Y.
Fansteel Metallurgical Corp, North Chi-
cago, Ind.
General Electric Co, Carboly Dept, Box
237, RPA, Detroit 32, Mich.
Haynes Stellite Co, 725 South Lindsay St,
Kokomo, Ind.

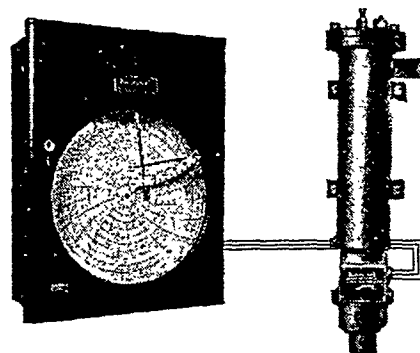
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
Mallory, P R, & Co, Inc, 3029 East Wash-
ington St, Indianapolis 6, Ind.
Revere Copper & Brass, Inc, 230 Park Ave,
New York 17, N. Y.
Scovill Mfg Co, Mill Prod Div, 99 Mill
St, Waterbury 20, Conn.
Timken Roller Bearing Co, 1835 Deuber
Ave, S W, Canton 6, Ohio
U S Steel Corp, 525 William Penn Place,
Pittsburgh 30, Pa.

METALS, HEAT-RESISTANT

Allegheny Ludlum Steel Corp, Oliver Bldg,
Pittsburgh 22, Pa.
American Brake Shoe Co, 230 Park Ave,
New York, N. Y.
Armco Steel Corp, 703 Curtis St, Middle-
town, Ohio
Coast Metals, Inc, Little Ferry, N. J.
Cooper Alloy Foundry Co, Bloy St & Ram-
say Ave, Hillside, N. J.
Electro Metallurgical Co, 30 East 42 St,
New York 17, N. Y.
Fansteel Metallurgical Corp, North Chicago,
Ill.
Haynes Stellite Co, 725 South Lindsay St,
Kokomo, Ind.
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
Timken Roller Bearing Co, 1835 Deuber
Ave, S W, Canton 6, Ohio
U S Steel Corp, 525 William Penn Place,
Pittsburgh 30, Pa.

METERS, AIR, GAS

Bailey Meter Co, 1050 Ivanhoe Rd, Clevel-
and 10, Ohio
Builders-Providence, Inc, Div B-1-F In-
dustries, Inc, 354 Harris Ave, Provi-
dence 1, R. I.
Control Engrg Corp, 560 Providence Hwy,
Norwood, Mass.
Croll-Reynolds Co, 17 John St, New York
38, N. Y.
Fischer & Porter Co, 500 Narminster Rd,
Hartboro, Pa.
Foxboro Co, Foxboro, Mass.
Hagan Corp, Hagan Bldg, Pittsburgh 30,
Pa.
Hays Corp, Michigan City 6, Ind.
Minneapolis-Honeywell Regulator Co, In-
dustrial Div, Wayne & Windrim Aves,
Philadelphia 44, Pa.



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MINNEAPOLIS-HONEYWELL REGULATOR CO., Industrial Division, 4490 Wayne Ave., Philadelphia 44, Pa.

● REFERENCE DATA: Write for Catalog 2300, "Evenly Graduated Flow Meters."

Honeywell
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Penn Industrial Instr. Corp, Penn Bldg, 4110 Haverford Ave., Philadelphia 4, Pa.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.
 Rockwell Mfg Co, 400 North Lexington Ave., Pittsburgh, Pa.
 Roots-Connersville Blower Corp, Div Dresser Industries, 900 West Mount St, Connersville, Md.

METERS, AMFIRE-HOUR

Foxboro Co, Foxboro, Mass.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Sangamo Electric Co, Springfield, Ill.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

METERS, COAL

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.

METERS, DEMAND, ELECTRIC

General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Sangamo Electric Co, Springfield, Ill.
 Streeter-Amet Co, 4101 Ravenswood Ave, Chicago 12, Ill.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

METERS, FLOW

Askania Regulator Co, 240 East Ontario St, Chicago 11, Ill.
 Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Barton Instrument Corp, 1429 South Eastern Ave, Los Angeles 22, Calif.
 Bowser, Inc, 1302 East Creighton Ave, Ft Wayne 2, Ind.
 Bristol Co, Waterbury 91, Conn.
 Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.
 Control Engineering Corp, Controls Div, 434 Washington St, Norwood, Mass.
 Dwyer, F W, Mfg Co, 317 South Western Ave, Chicago, Ill.
 Fischer & Porter Co, 500 Narminster Rd, Hatboro, Pa.
 Foster Engrg Co, 835 Lehigh Ave, Union N. J.
 Foxboro Co, Foxboro, Mass.
 Hagan Corp, 323 Fourth Ave, Hagan Bldg, Pittsburgh 30, Pa.
 Hays Corp, Michigan City 6, Ind.
 Henszey Co, 202½ Water St, Watertown, Wis.
 Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
 Mason-Reilan Regulator Co, 1190 Adams St, Boston 24, Mass.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Penn Industrial Instr Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.
 Rockwell Mfg Co, 400 North Lexington Ave, Pittsburgh, Pa.
 Scutte & Koerting Co, Cornwells Heights, Bucks County, Pa.
 Sineflex Valve & Meter Co, 6270 Upland St, Philadelphia 42, Pa.
 Tayor Instrument Companies, 95 Ames St, Rochester 1, N. Y.
 Thompson John Ltd, 441 Lexington Ave, New York 17, N. Y.

U S Gauge Div, American Machine & Metals, Inc, Sellersville, Pa.

METERS, FREQUENCY

Biddle, James G, Co, 1316 Arch St, Philadelphia 7, Pa.
 Esterline-Angus Co, Inc, P O 596, Indianapolis 6, Ind.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Roller-Smith Corp, Instrument Div, 1825 West Market St, Bethlehem, Pa.
 Sensitive Research Instrument Co, 9-11 Elm Ave, Mount Vernon, N. Y.
 Simpson Electric Co, 5200 West Kinzie, Chicago 44, Ill.
 Sticht Co, Herman H, 27 Park Pl, New York 7, N. Y.

METERS, FUEL-OIL

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Bowser, Inc, 1302 East Creighton Ave, Ft Wayne 2, Ind.
 Buffalo Meter Co, 2917 Main St, Buffalo 14, N. Y.
 Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.
 Foxboro Co, Foxboro, Mass.
 Hays Corp, Michigan City 6, Ind.
 Henszey Co, 202½ Water St, Watertown, Wis.
 Penn Industrial Instr Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.
 Rockwell Mfg Co, 400 North Lexington Ave, Pittsburgh, Pa.
 Uehling Instrument Co, 472 Getty Ave, Paterson 3, N. J.
 Worthington Corp, Harrison, N. J.

METERS, PH

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Foxboro Co, Foxboro, Mass.
 Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Streeter-Amet Co, 4101 Ravenswood Ave, Chicago 12, Ill.

METERS, WATER

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Bowser, Inc, 1302 East Creighton Ave, Ft Wayne 2, Ind.
 Buffalo Meter Co, 2917 Main St, Buffalo 14, N. Y.
 Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.
 Fischer & Porter Co, 500 Narminster Rd, Hatboro, Pa.
 Foxboro Co, Foxboro, Mass.
 Hays Corp, Michigan City 6, Ind.
 Henszey Co, 202½ Water St, Watertown, Wis.
 Jackson & Church Co, 306 Stoker Dr, Saginaw, Mich.
 Penn Industrial Instr Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.
 Rockwell Mfg Co, 400 North Lexington Ave, Pittsburgh, Pa.
 Uehling Instrument Co, 472 Getty Ave, Paterson 3, N. J.
 Worthington Corp, Harrison, N. J.

METERS, WATTHOUR

Foxboro Co, Foxboro, Mass.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Roller-Smith Corp, Instrument Div, 1825 West Market St, Bethlehem, Pa.
 Sangamo Electric Co, Springfield, Ill.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

METHYL-CHLORIDE

Ansul Chemical Co, Marinette, Wis.
 duPont de Nemours Co, E I, Inc, Wilmington, Del.

MINERAL WOOL PRODUCTS

Armstrong Cork Co, Liberty St, Lancaster, Pa.
 Baldwin-Hill Co, 500 Breunig Ave, Trenton 2, N. J.
 Carey, Philip, Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio
 Chicago Fire Brick Co, 1461 North Elston Ave, Chicago 22, Ill.
 Forty-Eight Insulations, Inc, Aurora, Ill.
 Glass Fibers Inc, 1810 Madison Ave, Toledo 2, Ohio
 Green, A P, Fire Brick Co, Mexico, Mo.
 Johns-Manville, 22 East 40 St, New York 16, N. Y.

MIXERS, LP GAS

Cutler-Hammer, Inc, 294 N 12th St, Milwaukee 3, Wis.
 Hauck Mfg Co, 136 Tenth St, Brooklyn 15, N. Y.
 North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
 Schutte & Koerting Co, Cornwells Heights, Bucks County, Pa.
 Thomas, H Emerson, & Associates, P O Box 270, Westfield, N. J.

MONORAILS

(See Trolleys, overhead)

MOTOR-GENERATOR SETS

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.
 Allis, Louis Co, 427 E Stewart St, Milwaukee 7, Wis.
 Belgian Electric Sales Corp, 40 East 49 St, New York 17, N. Y.
 Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
 Century Electric Co, 1806 Pine St, St Louis 3, Mo.
 Columbia Electric Mfg Co, 4519 Hamilton Ave, Cleveland 14, Ohio
 Electric Machinery Mfg Co, 800 Central Ave, Minneapolis 13, Minn.
 Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio
 Elliott Co, Jeannette, Pa.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Hobart Brothers Co, Hobart Square, Troy 1, Ohio
 Kurz & Root Co, 232 East North Island St, Appleton, Wis.
 Leland Electric Co Div, American Machine & Foundry Co, 1501 Webster St, Dayton 1, Ohio
 Lincoln Electric Co, 22801 St Clair Ave, Cleveland 17, Ohio
 Master Electric Co, 126 Davis, Dayton, Ohio
 Onan, D W, & Sons, Inc, University Ave S E at 25th, Minneapolis 14, Minn.
 Palmer Electric Mfg Co Div, Leach Corp, 6629 Bear Ave, Bell, Calif.
 Peerless Electric Co, 1360 West Market St, Warren, Ohio
 Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
 Reliance Electric & Engrg Co, 1058 Ivanhoe Rd, Cleveland 10, Ohio
 Star-Kimble Motor Div, Miehle Printing Press & Mfg Co, 200 Bloomfield Ave, Bloomfield, New Jersey
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

MOTOR-STARTERS, AC, DC

Allen-Bradley Co, 1305 South First St, Milwaukee 4, Wis.
 Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.
 B W Controller Corp, 2200 East Maple, Birmingham, Mich.
 Belgian Electric Sales Corp, 40 East 49 St, New York 17, N. Y.
 Brown Boveri Corp, 19 Rector St, New York 6, New York
 Clark Controller Co, 1146 East 152 St, Cleveland 10, Ohio
 Cutler-Hammer, Inc, 294 N 12th St, Milwaukee 3, Wis.
 Electric Controller & Mfg Co, 2700 East 79 St, Cleveland 4, Ohio
 Ensign Electric & Mfg Co, 914 Adams Ave, Huntington 4, W Va.

Federal-Pacific Electric Prod Co, 50 Paris St, Newark 5, N. J.
 Furnas Electric Co, 1000 McKee, Batavia, Ill.
 General Electric Co, Distribution Assemblies Dept, 41 Woodford Ave, Plainville, Conn.
 General Electric Co, Trumbull Components Dept, 41 Woodford Ave, Plainville, Conn.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Penn Controls, Inc, Goshen, Ind.
 Square D Co, 4041 N Richards St, Milwaukee 12, Wis.
 Wagner Electric Corp, Elect Div, 6400 Plymouth Ave, St. Louis 14, Mo.
 Ward Leonard Electric Co, 115 South MacQuestion Pkwy, Mount Vernon, N. Y.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

MOTORS, AC

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.
 Allis, Louis Co, 427 E Stewart St, Milwaukee 7, Wis.
 Belgian Electric Sales Corp, 40 East 49 St, New York 17, N. Y.
 Brown Boveri Corp, 19 Rector St, New York 6, New York
 Century Electric Co, 1806 Pine St, St Louis 3, Mo.
 Delco Products Div, General Motors Corp, 329 East First St, Dayton 1, Ohio
 Diehl Mfg Co, 1142 Finnerne Ave, Somerville, N. J.
 Electric Machinery Mfg Co, 800 Central Ave, Minneapolis 13, Minn.
 Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio
 Elliott Co, Jeannette, Pa.
 Fairbanks, Morse & Co, Fairbanks-Morse Bldg, Chicago 5, Ill.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Howell Electric Motors Co, 409-15 North Roosevelt, Howell, Mich.
 Kurz & Root Co, 232 East North Island St, Appleton, Wis.
 Leland Electric Co Div, American Machine & Foundry Co, 1501 Webster St, Dayton 1, Ohio
 Le Tournau, R G, Inc, Longview, Texas
 Lima Electric Motor Co, Findlay Rd, Lima, Ohio
 Lincoln Electric Co, 22801 St Clair Ave, Cleveland 17, Ohio
 Master Electric Co, 126 Davis, Dayton, Ohio
 National Pneumatic Co, Inc, Holtzer-Cabot Div, 125 Amory St, Boston 19, Mass.
 Peerless Electric Co, 1360 West Market St, Warren, Ohio
 Reliance Electric & Engrg Co, 1058 Ivanhoe Rd, Cleveland 10, Ohio
 Smith, A O, Corp, 3533 North 27th St, Milwaukee 1, Wis.
 Star-Kimble Motor Div, Miehle Printing Press & Mfg Co, 200 Bloomfield Ave, Bloomfield, New Jersey
 Sterling Electric Motors, Inc, 5401 Telegraph Rd, Los Angeles 22, Calif.
 Wagner Electric Corp, Elect Div, 6400 Plymouth Ave, St. Louis 14, Mo.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Ctr., Pittsburgh 30, Pa.

MOTORS, ADJ. SPEED, VARIABLE SPEED

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.
 Allis, Louis Co, 427 E Stewart St, Milwaukee 7, Wis.
 Belgian Electric Sales Corp, 40 East 49 St, New York 17, N. Y.
 Boston Gear Works, 14 Hayward St, North Quincy 71, Mass.
 Brown Boveri Corp, 19 Rector St, New York 6, New York
 Century Electric Co, 1806 Pine St, St Louis 3, Mo.
 Diehl Mfg Co, 1142 Finnerne Ave, Somerville, N. J.
 Dynamic Division, Eaton Mfg Co, 3307 14th Ave, Kenosha, Wis.
 Electric Machinery Mfg Co, 800 Central Ave, Minneapolis 13, Minn.
 Electric Products Co, 1717 Clarkstone Rd, Cleveland 12, Ohio
 Elliott Co, Jeannette, Pa.
 Fairbanks, Morse & Co, Fairbanks-Morse Bldg, Chicago 5, Ill.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Leland Electric Co Div, American Machine & Foundry Co, 1501 Webster St, Dayton 1, Ohio
 Lima Electric Motor Co, Findlay Rd, Lima, Ohio
 Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
 Master Electric Co, 126 Davis, Dayton, Ohio

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OILS, FUEL

Atlantic Refining Co, 260 South Broad St, Philadelphia 2, Pa.
 Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
 Esso Standard Oil Co, 15 West 51 St, New York 19, N. Y.
 Gulf Oil Corp, 1822 Gulf Bldg, Pittsburgh 30, Pa.
 Lion Oil Co, Lion Oil Bldg, El Dorado, Ark.
 Pure Oil Co, 35 East Wacker Dr, Chicago 7, Ill.
 Shell Oil Co Inc, 50 W 50th St, New York 20, N. Y.
 Sinclair Refining Co, 600 Fifth Ave, New York 20, N. Y.
 Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
 Standard Oil Co (Indiana), 910 S Michigan Ave, Chicago 13, Ill.
 Texas Company, The, 135 East 42 St, New York 17, N. Y.
 Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.
 Union Oil Co of California, 617 West Seventh St, Los Angeles 17, Calif.
 Valvoline Oil Co Div, Ashland Oil & Refining Co, 639 Third Ave, Freedom, Pa.

OILS, LUBRICATING

Atlantic Refining Co, 260 South Broad St, Philadelphia 2, Pa.
 Cabot, Samuel, Inc, 141 Milk St, Boston 9, Mass.
 Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
 Cook's, Adams, Sons, Inc, 5 North Stiles St, Linden, N. J.
 Dixon, Joseph, Crucible Co, 167 Wayne St, Jersey City 3, N. J.
 Dow Corning Corp, Midland, Mich.
 Esso Standard Oil Co, 15 West 51 St, New York 19, N. Y.
 Fiske Bros Refining Co, Lubriplate Div, 129 Lockwood St, Newark 5, N. J.
 Gredag, Inc, Niagara Falls, N. Y.
 Gulf Oil Corp, 1822 Gulf Bldg, Pittsburgh 30, Pa.
 Houghton, E F, & Co, 303 West Lehigh Ave, Philadelphia 33, Pa.
 Jet-Lube, Inc, P O Box 2044, Terminal Annex, Los Angeles 54, Calif.
 Keystone Lubricating Co, 21st & Clearfield Sts, Philadelphia 32, Pa.
 Lion Oil Co, Lion Oil Bldg, El Dorado, Ark.
 Magnus Chemical Co, Inc, 10 South Ave, Garwood, N. J.

New York & New Jersey Lubricant Co, 292 Madison Ave, New York 17, N. Y.
 Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
 Pure Oil Co, 35 East Wacker Dr, Chicago 7, Ill.
 Rigdon Tool Co, 400 Clark St, Elyria, Ohio
 Sanson, H E, & Sons, Inc, Phila. 33, Pa.
 Shell Oil Co Inc, 50 W 50th St, New York 20, N. Y.
 Sinclair Refining Co, 600 Fifth Ave, New York 20, N. Y.
 Socony-Vacuum Oil Co, 26 Broadway, New York 4, N. Y.
 Standard Oil Co (Indiana), 910 S Michigan Ave, Chicago 80, Ill.
 Stewart-Warner Corp, Alemitte Div, 1826 Diversey Pkwy, Chicago 14, Ill.
 Swan-Finch Oil Corp, 205 East 42 St, New York 17, N. Y.
 Texas Company, The, 135 East 42 St, New York 17, N. Y.
 Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.
 Union Oil Co of California, 617 West Seventh St, Los Angeles 17, Calif.
 Valvoline Oil Co Div, Ashland Oil & Refining Co, 639 Third Ave, Freedom, Pa.
 Warren Refining & Chemical Co, 5151 Denison Ave, Cleveland 2, Ohio

OILS, SWITCH AND TRANSFORMER

Cities Service Oil Co, 70 Pine St, New York 5, N. Y.
 Esso Standard Oil Co, 15 West 51 St, New York 19, N. Y.
 General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
 Line Material Co, Div McGraw Electric Co, 700 West Michigan St, Milwaukee 1, Wis.
 Pennsylvania Refining Co, 2686 Lisbon Rd, Cleveland 4, Ohio
 Pure Oil Co, 35 East Wacker Dr, Chicago 7, 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.
 Standard Oil Co (Indiana), 910 S Michigan Ave, Chicago 80, Ill.
 Texas Company, The, 135 East 42 St, New York 17, N. Y.
 Tide Water Associated Oil Co, 17 Battery Place, New York 4, N. Y.

Valvoline Oil Co, Div, Ashland Oil & Refining Co, 639 Third Ave, Freedom, Pa.

OPERATORS, DAMPER

(See Regulators, damper)

OPERATORS, VALVE, HAND-CHAIN

Babbitt Steam Specialty Co, 55 South Water St, New Bedford, Mass.
 Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
 Darling Valve & Mfg Co, Foot Walnut St, Williamsport, Pa.
 De Zurik Shower Co, Sartell, Minn.
 Edward Valves, Inc, 1220 W 145th St, East Chicago, Ind.
 Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
 Stockham Valves & Fittings, Box 2592, Birmingham 2, Ala.

OPERATORS, VALVE, MOTOR

Barber-Colman Co, 116 Loomis St, Rockford, Ill.
 Black, Sivalis & Bryson, Inc, Power & Light Bldg, Kansas City 6, Mo.
 Brooks Engrg Co, Inc, 4517 Wayne Ave, Philadelphia 20, Pa.
 Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass.
 Cleveland Fuel Equipment Co, 1111 Brook Park Rd, Cleveland 9, Ohio
 Cutler-Hammer, Inc, 294 N 12th St, Milwaukee 3, Wis.
 Darling Valve & Mfg Co, Foot Walnut St, Williamsport, Pa.
 De Zurik Shower Co, Sartell, Minn.
 Edward Valves, Inc, 1220 W 145th St, East Chicago, Ind.
 Filer & Stowell Co, 147 East Becher St, Milwaukee 7, Wis.
 Foxboro Co, Foxboro, Mass.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Philadelphia Gear Works, Inc, G St & Erie Ave, Philadelphia 34, Pa.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.

OPERATORS, VALVE, PNEUMATIC

Associated Valve & Engrg Co, 1150 West Marquette Rd, Chicago 21, Ill.
 Climax Controls, Black, Sivalis & Bryson, Box 1529, Tulsa 1, Okla.
 Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
 Darling Valve & Mfg Co, Foot Walnut St, Williamsport, Pa.
 De Zurik Shower Co, Sartell, Minn.
 Fisher Governor Co, Marshalltown, Iowa
 Foxboro Co, Foxboro, Mass.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 Hammel-Dahl Co, 175 Post Rd, Warwick, Providence 5, R. I.
 Johnson Service Co, 507 East Michigan St, Milwaukee 2, Wis.
 Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
 Mason-Reilan Regulator Co, 1190 Adams St, Boston 24, Mass.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Paulsen-Johnson Co, 1647 Eddy Rd, Cleveland 12, Ohio
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.

ORIFICE FLANGES

(See Flanges, orifice)

ORIFICES, METER

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Builders-Providence, Inc, Div B-I-F Industries, Inc, 354 Harris Ave, Providence 1, R. I.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Penn Industrial Instr Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.

OVERFIRE JETS

(See Jets, overfire)

PACKING

(See also Gaskets, seals)

PACKING, ASBESTOS

Altoz Co Inc, 805 Mamaronck Ave, Mamaronck, N. Y.
 Anchor Packing Co, 401 N Broad St, Philadelphia 8, Pa.

Belmont Packing & Rubber Co, Butler, Pa.
 Sepviva Sls, Philadelphia 37, Pa.
 Carey, Philip Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio
 Carey, Philip, Mfg Co, Wayne at Cooper, Cincinnati 15, Ohio
 Crane Packing Co, 1830 Cuyler Ave, Chicago 13, Ill.
 Darcoide Co, Inc, 145 Sixth Ave, New York 13, N. Y.
 Duraola Mfg Co, 114 Liberty St, New York 6, N. Y.
 Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
 Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
 Flexrock Co, 3609 Filbert St, Philadelphia 1, Pa.
 Garlock Packing Co, 402 East Main St, Palmyra, N. Y.
 Goodall Rubber Co, 411 Whitehead Rd, Trenton 4, N. J.
 Goodrich, B F, Co, Akron, Ohio
 Goodyear Tire & Rubber Co, Inc, 1144 East Market St, Akron 16, Ohio
 Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
 Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
 Johns-Manville, 22 East 40 St, New York 16, N. Y.
 Keesbey & Mattison Co, Butler Ave, Ambler, Pa.
 Metalastic Mfg Corp, 536 Broad St, Glen Rock, N. J.
 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
 Sae-Ro Packing Co, 133 Wood-Ridge St, Wood-Ridge, N. J.
 Standard Packings Co, 6523 Euclid Ave, Cleveland, Ohio
 Union Asbestos & Rubber Co, 332 South Michigan Ave, Chicago 4, Ill.
 United States Gasket Co, 602 North 10 St, Camden, N. J.
 United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.
 Walker, James, Packing Co, Inc, 6924 S Halsted St, Chicago 21, Ill.
 Zimmerman Packing Co, 2768 Highland Ave, Norwood, Cincinnati 12, Ohio

PACKING, FELT

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.
 Eureka Packing Co, 294-296 46th St, Brooklyn 20, N. Y.
 Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
 Flexrock Co, 3609 Filbert St, Philadelphia 1, Pa.
 Goodall Rubber Co, 411 Whitehead Rd, Trenton 4, N. J.
 Hollow Center Packing Co, 6523 Euclid Ave, Cleveland 3, Ohio
 Johns-Manville, 22 East 40 St, New York 16, N. Y.
 Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
 United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.
 Western Felt Works, 4115 W Ogden Ave, Chicago 23, Ill.

PACKING, FIBER

Anchor Packing Co, 401 N Broad St, Phila 8, Pa.
 Armstrong Cork Co, Liberty St, Lancaster, Pa.
 Belmont Packing & Rubber Co, Butler & Sepviva Sls, Philadelphia 37, Pa.
 Carborundum Co, Refractories Div, Perth Amboy, N. J.
 Darcoide Co, Inc, 145 Sixth Ave, New York 13, N. Y.
 Felt Products Mfg Co, 1511 Carroll Ave, Chicago 7, Ill.
 Flexrock Co, 3609 Filbert St, Philadelphia 1, Pa.
 Forty-Eight Insulations, Inc, Aurora, Ill.
 Garlock Packing Co, 402 East Main St, Palmyra, N. Y.
 Goodall Rubber Co, 411 Whitehead Rd, Trenton 4, N. J.
 Greene, Tweed & Co, 322 Elm Ave, North Wales, Pa.
 Johns-Manville, 22 East 40 St, New York 16, N. Y.
 Pilot Packing Co, Inc, P O Box 748, Sea Cliff, N. Y.
 United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.
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with Chain Guide

Control out-of-reach overhead valves right from the floor! No more climbing on ladders, balancing on boilers, perching on workbenches or machines. Prevent accidents and costly claims — also save fuel, steam and money.

Only four simple, quickly-assembled parts installed and operating in only a few minutes. Babbitt Adjustable Sprocket Rim with Chain Guide —

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Range of 10 adjustable sizes fits all valve wheels from 2 to 30 inches diameter, with rising or non-rising stems.

Call your Industrial Distributor. He carries complete stocks. Or write for descriptive folder and prices.

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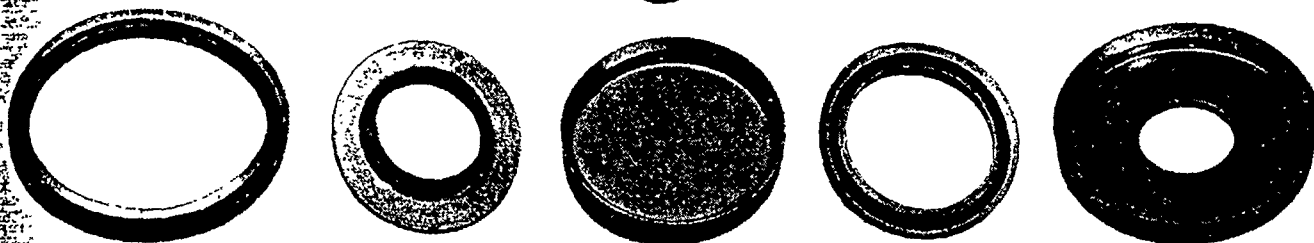
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ANCHOR MOLDED CUPS, FLANGES AND "U" PACKINGS — Available in two styles.

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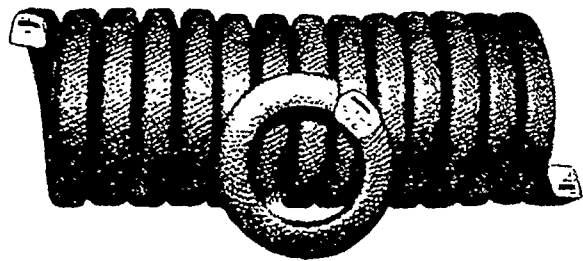
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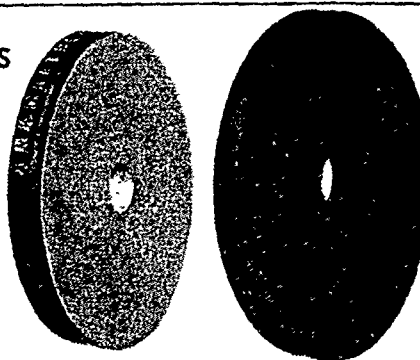
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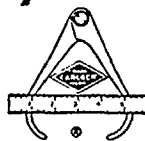
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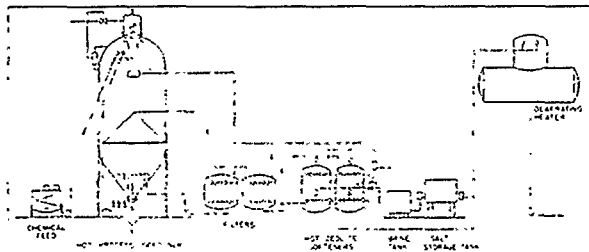
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HOT ZEOLITE. The Cochrane Hot Process Two-Stage Zeolite Water Softener combines all the features of the Cochrane Hot Process Lime and Soda Ash Softener plus the added advantage of delivering water of zero hardness, resulting in crystal clear, concentrated boiled water. This is done by adding a polystyrene resinous sodium zeolite softener after the filters. This type of ion exchanger will withstand temperatures as high as 250°F. With second stage zeolite treatment, hydrated lime is fed to the hot process sedimentation tank, and sodium chloride used to regenerate the zeolite beds. This process easily can be added to existing hot process softeners. Publication 4801.

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National Conveyor & Supply Co, 346 North Harding Ave, Chicago 24, Ill.
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 small-Waring Co, 100 E Mermaid Lane, Philadelphia 32, Pa.

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 iddle, James G, Co, 1316 Arch St, Philadelphia 7, Pa.
 kal Industries, Inc, Park & Borden Aves, Sycamore, Ill.
 icht Co, Herman H, 27 Park Pl, New York 7, N. Y.

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 Club Industries Inc, 413 DeKalb Ave, Sycamore, Ill.
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 iller-Smith Corp, Instrument Div, 1825 W Market St, Bethlehem, Pa.
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 imson Electric Co, 5200 W Kinzie, Chicago 44, Ill.

THERMOCOUPLES

Assembly Products Inc, 35 N Main St, Chagrin Falls, Ohio.
 Barber-Colman Co, 116 Loomis St, Rockford, Ill.
 Foxboro Co, Foxboro, Mass.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
 Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
 Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Pyrometer Instrument Co, Bergenfield, N. J.

THERMOMETERS, DIAL

Bristol Co, Waterbury 20, Conn.
 Electric Auto-Lite, Champlain & Mulberry Aves, Toledo 1, Ohio
 Foxboro Co, Foxboro, Mass.
 H-B Instrument Co Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
 Manning Maxwell & Moore Inc, 250 E Main St, Stratford, Conn.
 Marsh, J P Corp, Dept F, Skokie, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn.
 O'Brien Steam Specialty Co Inc, 712 State Tower Bldg, P O Box 217, Eastwood Sta, Syracuse 6, N. Y.
 Penn Industrial Instr Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
 Sticht Co, Herman H, 27 Park Pl, New York 7, N. Y.
 Taylor Instrument Companies, 95 Ames St, Rochester 1, N. Y.
 U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
 Weisker Thermometer Corp, 39 W 32 St, New York 1, N. Y.
 Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

THERMOMETERS, GLASS

H-B Instrument Co Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
 Manning, Maxwell & Moore Inc, 250 E Main St, Stratford, Conn.
 Taylor Instrument Companies, 95 Ames St, Rochester 1, N. Y.
 Treiche, H O Co, 1420 W Lafayette Blvd, Detroit 16, Mich.
 U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
 Weisker Thermometer Corp, 39 W 32 St, New York 1, N. Y.
 Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

THERMOMETERS, REMOTE-READING

Barber-Colman Co, 116 Loomis St, Rockford, Ill.
 Bristol Co, Waterbury 20, Conn.
 Cleveland Fuel Equipment Co, 1111 Brook Park Rd, Cleveland 9, Ohio

Electric Auto-Lite, Champlain & Mulberry Aves, Toledo 1, Ohio
 Fischer & Porter Co, 500 Warminster Rd, Hatboro, Pa.
 Foxboro Co, Foxboro, Mass.
 H-B Instrument Co Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Manning Maxwell & Moore Inc, 250 E Main St, Stratford, Conn.
 Marsh, J P Corp, Dept F, Skokie, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Penn Industrial Instr. Corp, Penn Bldg, 4110 Haverford Ave, Philadelphia 4, Pa.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.

Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Republic Flow Meters Co, 2222 Diversey Pkwy, Chicago 47, Ill.
 Simpson Electric Co, 5200 W Kinzie, Chicago 44, Ill.
 Taylor Instrument Companies, 95 Ames St, Rochester 1, N. Y.
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 U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
 Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

THERMOMETERS, RESISTANCE

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
 Barber-Colman Co, 116 Loomis St, Rockford, Ill.
 Edison, Thomas A, Inc, Instrument Div, 41 Lakeside Ave, West Orange 3, N. J.
 Foxboro Co, Foxboro, Mass.
 General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
 Leeds & Northrup Co, 4970 Stenton Ave, Philadelphia 44, Pa.
 Minneapolis-Honeywell Regulator Co, Industrial Div, Wayne & Windrim Aves, Philadelphia 44, Pa.
 Swartwout Co, Power Plant Div, 18511 Euclid Ave, Cleveland 12, Ohio

THERMOSTATS, DUCT, SURFACE

Barber-Colman Co, 1300 Rock St, Rockford, Ill.
 Edison, Thomas A, Inc, Instrument Div, 41 Lakeside Ave, West Orange 3, N. J.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 H-B Instrument Co, Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
 Leslie Co, 255 Grant Ave, Lyndhurst, N. J.
 Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Ulanet, George, Co, 415 Market St, Newark 5, N. J.
 Vapor Heating Corp, 80 E Jackson Blvd, Chicago 4, Ill.
 White-Rodgers Electric Co, 1209 Cass, St. Louis 6, Mo.

THERMOSTATS, IMMERSION

Barber-Colman Co, 1300 Rock St, Rockford, Ill.
 Black, Sivals & Bryson, Inc, Power & Light Bldg, Kansas City 6, Mo.
 Burling Instrument Co, 16 River Rd, Chatham, N. J.
 Edison, Thomas A, Inc, Instrument Div, 41 Lakeside Ave, West Orange 3, N. J.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 H-B Instrument Co, Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Johnson Service Co, 507 East Michigan St, Milwaukee 2, Wis.
 Leslie Co, 255 Grant Ave, Lyndhurst, N. J.
 Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Penn Controls Inc, Goshen, Ind.
 Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
 Ulanet, George, Co, 415 Market St, Newark 5, N. J.
 Vapor Heating Corp, 80 E Jackson Blvd, Chicago 4, Ill.
 Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.
 White-Rodgers Electric Co, 1209 Cass, St. Louis 6, Mo.

THERMOSTATS, ROOM OR WALL

Barber-Colman Co, 1300 Rock St, Rockford, Ill.
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 General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
 Hoffman Specialty Mfg Corp, 1001 York St, Indianapolis 7, Ind.
 Iron Firearm Co, 3170 W 106 St, Cleveland 11, Ohio
 Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
 Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Penn Controls Inc, Goshen, Ind.
 Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
 Vapor Heating Corp, 80 E Jackson Blvd, Chicago 4, Ill.
 White-Rodgers Electric Co, 1209 Cass, St. Louis 6, Mo.

THERMOSTATS, 2-TEMPERATURE

Barber-Colman Co, 1300 Rock St, Rockford, Ill.
 Burling Instrument Co, 16 River Rd, Chatham, N. J.
 General Controls Co, 801 Allen Ave, Glendale 1, Calif.
 H-B Instrument Co Inc, American & Bristol Sts, Philadelphia 40, Pa.
 Johnson Service Co, 507 East Michigan Ave, Milwaukee 2, Wis.
 Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.
 Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.

Ulanet, George, Co, 415 Market St, Newark 5, N. J.
 Vapor Heating Corp, 80 E Jackson Blvd, Chicago 4, Ill.
 White-Rodgers Electric Co, 1209 Cass, St. Louis 6, Mo.

THERMOSTATS, WEATHER-COMPENSATING

Barber-Colman Co, 1300 Rock St, Rockford, Ill.
 Edison, Thomas A, Inc, Instrument Div, 41 Lakeside Ave, West Orange 3, N. J.
 Johnson Service Co, 507 East Michigan St, Milwaukee 2, Wis.
 Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave S, Minneapolis 8, Minn.
 Perflex Corp, 500 W Oklahoma, Milwaukee, Wis.
 Powers Regulator Co, 3400 Oakton St, Skokie, Ill.
 Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
 White-Rodgers Electric Co, 1209 Cass, St. Louis 6, Mo.

THICKENERS, CYCLONE

Continental Boiler & Sheet Iron Works, 5601 West Park, St. Louis 10, Mo.
 Heyl & Patterson Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
 Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas

TIGHTENERS, BELT

Graton & Knight Co, 356 Franklin St, Worcester 4, Mass.
 Link-Belt Co, 307 North Michigan Ave, Chicago 1, Ill.
 McNally Pittsburg Mfg Corp, Pittsburg, Kansas
 Robins Conveyors Div, Hewitt-Robins Inc, 270 Passaic Ave, Passaic, N. J.

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Babcock & Wilcox Co, 161 E 42 St, New York 17, N. Y.
 Bernitz Furnace Appliance Co, 150 Causeway St, Boston 14, Mass.
 Carborundum Co, Refractories Div, Perth Amboy, N. J.
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● Brown butt-welded thermocouple for steam temperatures—faster, stronger, more accurate

New features of design make the Brown butt-welded thermocouple especially applicable to steam plant temperature measurements.

It's faster: butt-welded joint of the couple wires reduces mass, provides faster response to temperature changes.

It's stronger: withstands vibration and shock better.

It's more accurate: loop design of the joint minimizes heat conduction from the hot junction back through the insulators.

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● REFERENCE DATA: Write for Pyrometer Supplies Buyer's Guide No. 100-S.

Honeywell
BROWN INSTRUMENTS

First in Controls



HOW TO GET BETTER COMPRESSED AIR DRAINAGE!

USE THE RIGHT TYPE TRAP FOR THE JOB!

TYPE OF TRAP	SNAP ACTION (Fig. 1)	REGULAR BALL FLOAT (Fig. 2)	INVERTED BUCKET (Fig. 3)
Handles oil?	Light oil only	No	Very well
Handles dirt?	Moderate	No	Very well
Air loss?	None	None	Small
Requires priming?	No	No	Yes
Float collapse or leakage?	Remote	Remote	Impossible
Gravity drainage to trap required?	Yes	Yes	No



FIG. 1

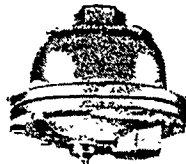


FIG. 2



FIG. 3

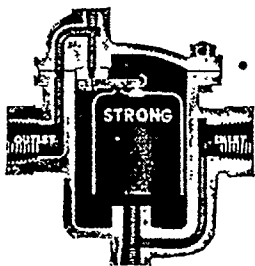
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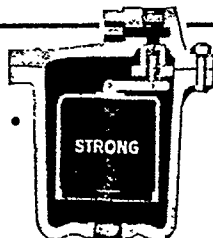


70 SERIES TRAP

Inverted-bucket, in-line traps recommended for removing condensate from unit heaters, drip lines, coils, pressing machines and other steam equipment. Semi-steel construction, stainless trim. For maximum pressures of 250 psi. Also available in float and thermostatic type for use when rapid air (and condensate) removal are necessary.

80 SERIES TRAP

Inverted-bucket, bottom-inlet traps for large capacity requirements. Very rugged, semi-steel construction, all stainless trim, for operating pressure from 0 to 250 psi.



STEEL TRAPS. Strong traps of forged or fabricated steel construction available for pressures to 1800 lbs.

STRONG, CARLISLE & HAMMOND COMPANY
1392 W. 3RD. STREET • CLEVELAND 13, OHIO

General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Gladding, McBean & Co, 2901 Los Feliz Blvd, Los Angeles, Calif.
Green, A P, Fire Brick Co, Mexico, Mo.
Ironton Firebrick Co, Ironton, Ohio
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Power Plant Efficiency Co, P O Box 592, 901 East Maryland, Indianapolis 6, Ind.
Walsh Refractories Corp, 101 Ferry St, St Louis, Mo.
Waite Construction Co, 111 Westminster St, Providence 3, R. I.

TOOLS, BOILER-TUBE (BEADING, CAULKING, CUTTING AND ROLLING)

Airetool Mfg Co, 300 South Center St, Springfield, Ohio
Edge Moor Iron Works Inc, 164 Bloomfield St, Hoboken, N. J.
Faessler, J, Mfg Co, 219 N 5 St, Moberly, Mo.
Henderer's, A L, Sons Co, 625 Maryland Ave, Wilmington, Del.
Key Co, Box 494, East St. Louis, Ill.
Thor Power Tool Co, 175 N State St, Aurora, Ill.
Wiedeke, Gustav, Co, 1833 Richard St, Dayton 1, Ohio
Wilson, Thomas C, Inc, 21-11 44 Ave, Long Island City 1, N. Y.

TOOLS, COMMUTATOR-REPAIR

Chicago Pneumatic Tool Co, 6 East 44 St, New York 17, N. Y.
Holub Industries Inc, 413 DeKalb Ave, Sycamore, Ill.
Ideal Industries, Inc, Park & Borden Aves, Sycamore, Ill.

TOOLS, ELECTRICAL-CONNECTOR

Buchanan Electrical Products Corp, 232 Rte 29, Hillsdale, N. J.
Burndy Engrg Co Inc, Norwalk, Conn.
Erico Products Inc, 2070 East 61 Place, Cleveland 3, Ohio
Ideal Industries, Inc, Sycamore, Ill.
Snap-On Tools Corp, Kenosha, Wis.

TOOLS, IMPACT

Aro Equipment Co, Bryan, Ohio
Chicago Pneumatic Tool Co, 6 E 44 St, New York 17, N. Y.
Ingersoll-Rand Co, 11 Broadway, New York 4, N. Y.
Miller Falls Co, 57 Wells St, Greenfield, Mass.
Reed Roller Bit Co, Cleo Div, 5125 Clinton Drive, Houston 20, Tex.
Snap-On Tools Corp, Kenosha, Wis.
Williams, J H, Co, 400 Vulcan St, Buffalo 7, N. Y.

TOOLS, PIPE (WRENCHES, VISES, TONGS, ETC.)

Blackhawk Mfg Co, 5325 West Rogers Ave, Milwaukee 46, Wis.
Bonney Forge & Tool Works, 716 North Meadow St, Allentown, Pa.
Lowell Wrench Co, 54 Commercial St, Worcester, Mass.
Reed Co, Erie, Pa.
Ridge Tool Co, 400 Clark St, Elyria, Ohio
Snap-On Tools Corp, Kenosha, Wis.
Toledo Pipe Threading Machine Co, 1445 Summit St, Toledo 4, Ohio
Trimont Mfg Co, Div, St. Pierre Chain Corp, 50 Frank St, Worcester 4, Mass.
Van Products Co, 3796 W 12 St, Erie 2, Pa.
Walton Co, Box 5, Elmwood Branch, Hartford 10, Conn.
Walworth Co, 60 East 42 St, New York 17, N. Y.
Williams, J H, Co, 400 Vulcan St, Buffalo 7, N. Y.

TOOLS, PIPE-CUTTING, THREADING

Beaver Pipe Tools Inc, 310 Dana St, N E, Warren, Ohio
Ideal Industries, Inc, Park & Borden Aves, Sycamore, Ill.
Oster Mfg Co, 2057 East 61 Place Cleveland 3, Ohio
Reed Co, Erie, Pa.
Ridge Tool Co, 400 Clark St, Elyria, Ohio
Toledo Pipe Threading Machine Co, 1445 Summit St, Toledo 4, Ohio
Trimont Mfg Co, Div, St. Pierre Chain Corp, 50 Frank St, Worcester 4, Mass.

TOOLS, PORTABLE, ELECTRIC

Black & Decker Mfg Co, Towson 4 Md.
Buckeye Tools Corp, P O Box 966, Dayton, Ohio
Chicago Pneumatic Tool Co, 6 E 44 St, New York 17, N. Y.

Ingersoll-Rand Co, 11 Broadway, New York 4, N. Y.
Miller Falls Co, 57 Wells St, Greenfield, Mass.
Oster Mfg Co, 2057 E 61 Pl, Cleveland, Ohio
Ridge Tool Co, 400 Clark St, Elyria, Ohio
Skil, Inc, 5033 N Elston Ave, Chicago 30, Ill.
Snap-On Tools Corp, Kenosha, Wis.
Stanley Works, Stanley Electric Div, 480 Myrtle St, New Britain, Conn.
Syntron Co, 492 Lexington, Homer City, Pa.
Thor Power Tool Co, 175 N State St, Aurora, Ill.

TOOLS, PORTABLE, PNEUMATIC

Aro Equipment Co, Byran, Ohio
Buckeye Tools Corp, P O Box 966, Dayton, Ohio
Chicago Pneumatic Tool Co, 6 E 44 St, New York 17, N. Y.
Gardner-Denver Co, Quincy, Ill.
Ingersoll-Rand Co, 11 Broadway, New York, N. Y.
Reed Roller Bit Co, Cleo Div, 5125 Clinton Drive, Houston 20, Tex.
Schramm, Inc, West Chester, Pa.
Skil, Inc, 5033 N Elston Ave, Chicago 30, Ill.
Thor Power Tool Co, 175 N State St, Aurora, Ill.

TOOLS, POWDER ACTUATED

Mine Safety Appliances Co, Velocity Power Tool Div, N Braddock Ave, Pittsburgh 8, Pa.
Ramset Div, Olin Industries Inc, 12177 Berea Rd, Cleveland, Ohio

TOOLS, TUBE-CUTTING AND FLARING

Airetool Mfg Co, 300 South Center St, Springfield, Ohio
Bonney Forge & Tool Works, 716 North Meadow St, Allentown, Pa.
Chicago Pneumatic Tool Co, 6 E 44 St, New York 17, N. Y.
Duro Metal Products Co, 2649 N Kildare, Chicago 39, Ill.
Faessler, J, Mfg Co, 219 N 5 St, Moberly, Mo.
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill.
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Ridge Tool Co, 400 Clark St, Elyria, Ohio
Snap-On Tools Corp, Kenosha, Wis.
Trimont Mfg Co, Div, St. Pierre Chain Corp, 50 Frank St, Worcester 4, Mass.
Wiedeke, Gustav, Co, 1833 Richard St, Dayton 1, Ohio

TOWERS, COOLING

Alco Products Div, American Locomotive Co, Dunkirk, N. Y.
American Blower Corp, 8111 Tireman Ave, Detroit 32, Mich.
Binks Mfg Co, 3114-40 Carroll Ave, Chicago 12, Ill.
Bush Mfg Co, 179 South St, West Hartford 10, Conn.
Cole, R D, Mfg Co, Box 576, Newnan, Ga.
Continental Boiler & Sheet Iron Works, 5601 West Park St, Louis 10, Mo.
Curtis Mfg Co, 1905 Kienlen Ave, St. Louis 20, Mo.
Fluor Corp, Ltd, 2500 S Atlantic Blvd, Los Angeles 22, Calif.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
Halstead & Mitchell, Bessemer Bldg, Pittsburgh, Pa.
Lilje-Hoffmann Cooling Towers, Inc, 4239 Duncan, St Louis 10, Mo.
Marley Co, 222 West Gregory Blvd, Kansas City 15, Mo.
Pritchard, J F, & Co, 210 West Tenth St, Kansas City 5, Mo.
Sante Fe Tank & Tower Co, 5401 Boyle Ave, Los Angeles 11, Calif.
Smith, A O Corp, 3533 N 27th St, Milwaukee 1, Wis.
Water Cooling Equip Corp, 8601 New Hampshire Ave, St. Louis 23, Mo.

TRACTORS, COAL-PILING

Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.
Allis-Chalmers Mfg Co, Tractor Div, P O Box 512, Milwaukee 1, Wis.
Caterpillar Tractor Co, Peoria, Ill.
General Motors Corp, Euclid Div, 1361 Chardon Rd, Cleveland 17, Ohio
Hough, Frank G, Co, 737 Fairview Ave, Libertyville, Ill.
LeJournéau-Westlinghouse Co, Peoria, Ill.

TRANSFORMERS, INSTRUMENT, ELECTRIC

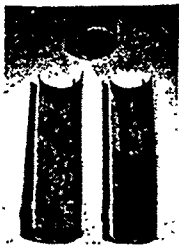
Arma Electric Corp, Cuba, N. Y.
Allis-Chalmers Mfg Co, 952 South 70 St, Milwaukee 1, Wis.

FORGET CORROSION AND SCALE

Re-tube with modern
Vitalloy Preheater Tubes.
No corrosion, easier
cleaning, no scale.



Write or phone for
the name of our rep-
resentative near you.



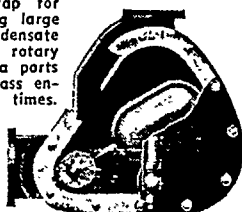
Ordinary Steel Pre-
heater Tubes after six
months normal use.

Vitalloy Preheater Tubes after six months use
in the same air heater.

BARROWS PORCELAIN ENAMEL CO.
LANGDON ROAD & PENN. R. R., CINCINNATI 13, OHIO, Phone REwood 6000

MULTIPORT DRAINERS

Smooth operating ball float steam trap for
instantaneously and continuously passing large
flows of vacuum to 200 lbs./sq. in. condensate
to lesser pressure equipment. Balanced rotary
valve member with sequenced large area ports
is self-cleaning, always seated. Cage glass en-
ables check on proper operation at all times.
Position handle outside the body per-
mits closing valve, freeing it of internal
accumulation or opening it wide to
serve as an effective blow off. Sizes:
1 1/4", 1 1/2", 2", 3", 5". See Publica-
tion 5201.

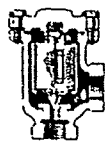


cochrane corp.

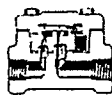
3106D N. 17th Street, Philadelphia 32, Pa.

Only Sarco makes 5 different traps

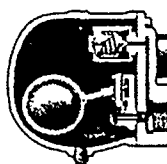
.... not variations of one type,
.... that's why Sarco can give
impartial advice on proper trap se-
lection. Write today for Trap
Selector Bulletin No. 145.



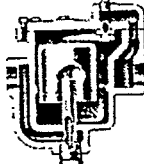
Balanced Pressure
Thermostatic



Thermo-
dynamic



Float
Thermostatic



Camlift
Buckets



Liquid Expansion Thermostatic

SARCO COMPANY, INC.

Empire State Bldg.

New York 1, New York

Bridgeport Brass Co, 40 Grand St, Bridge-
port 4, Conn.
Bros Broiler & Mfg Co, 1057 Tenth Ave,
S. E., Minneapolis 14 Minn.
Edge Moor Iron Works, Inc, 164 Bloom-
field St, Hoboken, N. J.
Globe Steel Tubes Co, 3839 West Burn-
ham St, Milwaukee 46, Wis.
Murray, A B Co, Inc, 608 Green Lane,
Elizabeth, N. J.
National Tube Co, U S Steel Corp, 525
William Penn Pl, Pittsburgh 30, Pa.
Springfield Boiler Co, 1901 East Capitol
Ave, Springfield, Ill.
Standard Tube Co, 24400 Plymouth Rd,
Detroit, Mich.
Steel & Tubes Div, Republic Steel Corp,
212 East 131st St, Cleveland 8, Ohio
Union Iron Works, 1420 Cascade St, Erie,
Pa.
Wolverine Tube Div, Calumet & Hecla, Inc,
1850 Guardian Bldg, Detroit 26, Mich.

TUBES, CONDENSER, HEAT- EXCHANGER

Aluminum Co of America, 1104 Alcoa
Bldg, Pittsburgh 19, Pa.
American Brass Co, 414 Meadow St, Wa-
terbury 20, Conn.
Babcock & Wilcox Co, 161 East 42 St,
New York 17, N. Y.
Babcock & Wilcox Co, Tubular Prods Div,
Beaver Falls, Pa.
Bethlehem Steel Co, Bethlehem, Pa.
Boiler Tube Co of America, McKees Rocks,
Pa.
Bridgeport Brass Co, 40 Grand St, Bridge-
port 4, Conn.
Chase Brass & Copper Co, 236 Grand St,
Waterbury 20, Conn.
Condenser Service & Engrg Co, Inc, 164
Bloomfield St, Hoboken, N. J.
Corning Glass Works, Corning, N. Y.
Frick Co, West Main St, Waynesboro, Pa.
Globe Steel Tubes Co, 3839 West Burnham
St, Milwaukee 46, Wis.
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
Joy Mfg Co, Oliver Bldg, Dept 5, Pitts-
burgh 22, Pa.
McQuay, Inc, 1600 Broadway St, N E,
Minneapolis 13, Minn.
Murray, A B Co, Inc, 608 Green Lane,
Elizabeth, N. J.
National Tube Div, U S Steel Corp, 525
William Penn Pl, Pittsburgh 30, Pa.
Revere Copper & Brass, Inc, 230 Park
Ave, New York 17, N. Y.
Schutte & Koerting Co, Cornwells Heights,
Buck County, Pa.
Scovill Mfg Co, Mill Prod Div, 99 Mill
St, Waterbury 20, Conn.
Standard Tube Co, 24400 Plymouth Rd,
Detroit, Mich.
Steel & Tubes Div, Republic Steel Corp,
212 East 131st St, Cleveland 8, Ohio
Wolverine Tube Div, Calumet & Hecla, Inc,
1850 Guardian Bldg, Detroit 26, Mich.
Young Radiator Co, 709 South Marquette
St, Racine, Wisc.

TUBES, FINNED

Alco Products Div, American Locomotive
Co, Dunkirk, N. Y.
Besler Corp, 4053 Harlan St, Emery-
ville 8, Calif.
Boiler Tube Co of America, McKees Rocks,
Pa.
Brown Fintube Co, 300 Huron St, Elyria,
Ohio
Dunham, C A Co, 400 West Madison St,
Chicago 6, Ill.
Frick Co, West Main St, Waynesboro, Pa.
Griscom-Russell Co, Massillon, Ohio
Hoffman Specialty Mfg Corp, 1001 York
St, Indianapolis 7, Ind.
McQuay, Inc, 1600 Broadway St, N E,
Minneapolis 13, Minn.
Murray, A B Co, Inc, 608 Green Lane,
Elizabeth, N. J.
Schutte & Koerting Co, Cornwells Heights,
Buck County, Pa.
Wolverine Tube Div, Calumet & Hecla,
Inc, 1850 Guardian Bldg, Detroit 26,
Mich.
Young Radiator Co, 709 South Marquette
St, Racine, Wisc.

TUBES, GLASS-LINED

Barrows Porcelain Enamel Co, Langdon
Farm Rd, Cincinnati, Ohio

TUBES, PITOT

F W Dwyer Mfg Co, 317 South Western
Ave, Chicago, Ill.
Ellison Draft Gage Co, 548 West Monroe,
Chicago 10, Ill.
Foxboro Co, Foxboro, Mass.

TUBING, FLEXIBLE METAL

(See Hose, metal, flexible)

TUBING, GLASS

Chesterton, A W Co, 6 Ashland St, Ever-
ett 49, Mass.
Corning Glass Works, Corning, N. Y.
Ernest Water Column & Gage Co, 250
Livingston Ave, Livingston, N. J.
Fischer & Porter Co, 500 Narminster Rd,
Hartboro, Pa.

TUBING, METAL, FERROUS

Allegheny Ludlum Steel Corp, Oliver Bldg,
Pittsburgh 22, Pa.
Babcock & Wilcox Co, 161 East 42 St,
New York 17, N. Y.
Babcock & Wilcox Co, Tubular Prods Div,
Beaver Falls, Pa.
Bundy Tubing Co, 8109 East Jefferson Ave,
Detroit 14, Mich.
Byers, A M Co, Clark Bldg, Pittsburgh
22, Pa.
Carpenter Steel Co, Alloy Tube Div, 133
Springfield Rd, Union, N. J.
Condenser Service & Engrg Co, Inc, 164
Bloomfield St, Hoboken, N. J.
Division Lead Co, 7742 W 61st Pl, Sum-
mit, Ill.
Globe Steel Tubes Co, 3839 West Burnham
St, Milwaukee 46, Wis.
International Nickel Co, Inc, 67 Wall St,
New York 5, N. Y.
Murray, A B Co, Inc, 608 Green Lane,
Elizabeth, N. J.
Standard Tube Co, 24400 Plymouth Rd,
Detroit, Mich.
Steel & Tubes Div, Republic Steel Corp,
212 East 131st St, Cleveland 8, Ohio
Timken Roller Bearing Co, 1835 Deuber
Ave, S W, Canton 6, Ohio
Wolverine Tube Div, Calumet & Hecla, Inc,
1850 Guardian Bldg, Detroit 26, Mich.

TUBING, METAL, NON- FERROUS

Bridgeport Brass Co, 40 Grand St, Bridge-
port 4, Conn.
Bundy Tubing Co, 8109 East Jefferson
Ave, Detroit 14, Mich.
Chase Brass & Copper Co, 236 Grand St,
Waterbury 20, Conn.
Mallory, P R & Co, Inc, 3029 East Wash-
ington St, Indianapolis 6, Ind.
Murray, A B Co, Inc, 608 Green Lane,
Elizabeth, N. J.
National Tube Div, U S Steel Corp, 525
William Penn Pl, Pittsburgh 30, Pa.
Reading Tube Corp, Empire State Bldg,
New York 1, N. Y.
Revere Copper & Brass, Inc, 230 Park
Ave, New York 17, N. Y.
Scovill Mfg Co, Mill Prod Div, 99 Mill
St, Waterbury 20, Conn.
Viking Copper Tube Co, 16700 St. Clair
Ave, Cleveland, Ohio
Wolverine Tube Div, Calumet & Hecla, Inc,
1850 Guardian Bldg, Detroit 26 Mich.

TUBING, PLASTIC

Goodall Rubber Co, 411 Whitehead Rd,
Trenton 4, N. J.
Goodyear Tire & Rubber Co, Inc, 1144 East
Market St, Akron 16, Ohio
Imperial Brass Mfg Co, 1200 West Harri-
son St, Chicago 7, Ill.
United States Gasket Co, 602 North 10
St, Camden, N. J.
Youngtown Sheet and Tube Co, Stambaugh
Bldg, Youngstown 1, Ohio

TUBING, PNEUMATIC, ARMORED

Bailey Meter Co, 1050 Ivanhoe Rd, Cleve-
land 10, Ohio
Flexonics Corp, 1315 S Third Ave, May-
wood, Ill.

TUBING, RUBBER

Felt Products Mfg Co, 1511 Carroll Ave,
Chicago 7, Ill.
Garlock Packing Co, 402 East Main St,
Palmyra, N. Y.
Goodall Rubber Co, 411 Whitehead Rd,
Trenton 4, N. J.
Goodyear Tire & Rubber Co, Inc, 1144
East Market St, Akron 16, Ohio
Quaker Rubber Corp, Div, H K Porter Co,
4915 Comly St, Philadelphia 24, Pa.

TURBINES, GAS

Allis-Chalmers Mfg Co, 952 S 70th St,
Milwaukee 1, Wis.
Brown Boveri Corp, 19 Rector St, New
York 6, New York
Clark Bros Co, Dresser Industries, Inc,
P O Box 560, Olean, N. Y.
General Electric Co, Apparatus Sales Div,
1 River Road, Schenectady 5, N. Y.
Westinghouse Electric Corp, 401 Liberty
Ave, Gateway Center, Pittsburgh 30, Pa.

TURBINES, HYDRAULIC

Allis-Chalmers Mfg Co, 952 South 70 St,
Milwaukee 1, Wisc.

TURBINES, STEAM, GENERAL-DRIVE, 7500KW AND UNDER

Chalmers Mfg Co, 942 South 701 St, Milwaukee 1, Wisc.
Boveri Corp, 19 Rector St, New York 6, New York
Laval Steam Turbine Co, Trenton 2, N. J.
Elliott Co, Jeannette, Pa.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Murray Iron Works Co, Burlington, Iowa
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Terry Steam Turbine Co, P O Box 1200, Hartford 1, Conn.
Whitton Machine Co, 401 Liberty Gateway Center, Pittsburgh 30, Pa.
L J Mfg Co, 50 Vreeland Mills Rd, Linden, N. J.
Worthington Corp, Harrison, N. J.

TURBINES, STEAM, GENERAL-DRIVE, OVER 7500KW

Chalmers Mfg Co, 942 South 701 St, Milwaukee 1, Wisc.
Boveri Corp, 19 Rector St, New York 6, New York
Laval Steam Turbine Co, Trenton 2, N. J.
Elliott Co, Jeannette, Pa.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Murray Iron Works Co, Burlington, Iowa
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Terry Steam Turbine Co, P O Box 1200, Hartford 1, Conn.
Whitton Machine Co, The, 190 Howard St, New London, Conn.
Wing, L J Mfg Co, 50 Vreeland Mills Rd, Linden, N. J.
Worthington Corp, Harrison, N. J.

TURBINES, STEAM, MECHANICAL-DRIVE

Brown Boveri Corp, 19 Rector St, New York 6, New York
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass.
De Laval Steam Turbine Co, Trenton 2, N. J.
Elliott Co, Jeannette, Pa.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.
Murray Iron Works Co, Burlington, Iowa
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Terry Steam Turbine Co, P O Box 1200, Hartford 1, Conn.
Whitton Machine Co, The, 190 Howard St, New London, Conn.
Wing, L J Mfg Co, 50 Vreeland Mills Rd, Linden, N. J.
Worthington Corp, Harrison, N. J.

TURBOCHARGERS

Brown Boveri Corp, 19 Rector St, New York 6, New York
De Laval Steam Turbine Co, Trenton 2, N. J.
Elliott Co, Jeannette, Pa.
General Electric Co, Apparatus Sales Div, 1 River Road, Schenectady 5, N. Y.

UNIONS, FORGED-STEEL

Catawissa Valve & Fittings Co, 206 Mill St, Catawissa, Pa.
Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
Henry Valve Co, 3215 North Ave, Melrose Park, Ill.
Mark, Clayton, & Co, 1900 Dempster St, Evanston, Ill.
Waworth Co, 60 East 42 St, New York 17, N. Y.
Watson Stillman Fittings Div, H K Porter Co, Inc, P O Box 95, Roselle, N. J.

UNIONS, MALLEABLE-IRON

Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
Dart Union Co, 134 Thubbers Ave, Providence 5, R. I.
Grinnell Co, Inc, 266 West Exchange St, Providence 1, R. I.
Jefferson Union Co, Inc, 601 West 26 St, New York 1, N. Y.
Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
Waworth Co, 60 East 42 St, New York 17, N. Y.

UNIONS, NON-FERROUS

Aluminum Co of America, 1104 Alcoa Bldg, Pittsburgh 19, Pa.
Chase Brass & Copper Co, 236 Grand St, Waterbury 2C, Conn.

Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
Pyle-National Co, 1334 N Kostner Ave, Chicago 51, Ill.
Mark, Clayton, & Co, Union Div, 1900 Dempster St, Evanston, Ill.
Waworth Co, 60 East 42 St, New York 17, N. Y.

UNIONS, ORIFICE

Mark, Clayton, & Co, Union Div, 1900 Dempster St, Evanston, Ill.

UNLOADERS, COAL

Barber-Greene Co, 400 North Highland, Aurora, Ill.
Baughman Mfg Co, Shipman Rd, Jerseyville, Ill.
Beaumont Birch Co, 1502 Race St, Philadelphia, Pa.
Brady Conveyors Corp, 20 West Jackson Blvd, Chicago 4, Ill.
Drawo Corp, Neville Island, Pittsburgh 25, Pa.
Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio
Heyl & Patterson, Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
Jeffrey Mfg Co, 932 North Fourth St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill.
McKiernan Terry Co, Harrison, N. J.
McNally Pittsburg Mfg Corp, Pittsburg, Kans.
Oliver Corp, A B Farquhar Div, York, Pa.
Wellman Engineering Co, 7000 Central Ave, Cleveland, Ohio

UNLOADERS, COMPRESSOR

Frick Co, West Main St, Waynesboro, Pa.
Schramm, Inc, West Chester, Pa.
Voss, J H H Co, Inc, 785 East 144 St, New York 54, N. Y.

VALVE-RESEATING MACHINES

(See Machines, valve-reseating)

VALVES, ALTITUDE

Davis Regulator Co, 2549 South Washtenaw Ave, Chicago 8, Ill.
Fisher Governor Co, Marshalltown, Iowa
Golden-Anderson Valve Specialty Co, 1232 Ridge Ave, Pittsburgh 22, Pa.
Kieley & Mueller, Inc, 64 Genung St, Middletown, N. Y.
Schade Valve Mfg Co, 2527-2537 Bodine St, Philadelphia 32, Pa.
Spence Engrg Co, Inc, Walden, N. Y.
Vogt, Henry, Machine Co, Tenth & Ormsby Sts, Louisville 10, Ky.

VALVES, ATMOSPHERIC-RELIEF, BACKPRESSURE

Associated Valve & Engrg Co, 1150 West Marquette Rd, Chicago 21, Ill.
Atlas Valve Co, 280-84 South St, Newark 5, N. J.
Cash, A W, Valve Mfg Corp, 6616 East Wabash Ave, Decatur, Ill.
Cochrane Corp, 17th St & Allegheny Ave, Philadelphia 32, Pa.
Crane Co, 836 South Michigan Ave, Chicago 5, Ill.
Davis Regulator Co, 2549 South Washtenaw Ave, Chicago 8, Ill.
Fisher Governor Co, Marshalltown, Iowa
Henry Valve Co, 3215 North Ave, Melrose Park, Ill.
Illinois Engrg Co, Racine Ave & 20th Pl, Chicago 8, Ill.
Keckley, O C, Co, 400 West Madison St, Chicago 6, Ill.
Kennedy Valve Mfg Co, 1060 East Water St, Elmira, N. Y.
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh, Pa.
Kieley & Mueller, Inc, 64 Genung St, Middletown, N. Y.
Klipfel Valves, Inc, 1075 Lincoln, Hamilton, Ohio
McAlear Mfg Co, 1901 S Western Ave, Chicago 8, Ill.
Manning, Maxwell & Moore, Inc, 250 East Main St, Stratford, Conn.
Paulsen-Johnson Co, 1647 Eddy Rd, Cleveland 12, Ohio
Rockwell, W S, Co, 200 Eliot St, Fairfield, Conn.
Ruggles-Klingemann Mfg Co, Foster Court, Salem, Mass.
Schutte & Koerting Co, Cornwells Heights, Bucks County, Pa.
Spence Engrg Co, Inc, Walden, N. Y.

VALVES, CYCLING

American Water Softener Co, 330 West Lehigh Ave, Philadelphia 33, Pa.
Aqua-Matic, Inc, 2412 Grant Ave, Rockford, Ill.

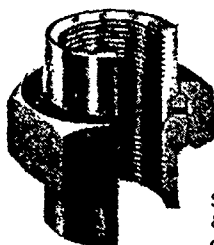
Beico Industrial Equip Div, Inc, 52 Iowa Ave, Paterson 3, N. J.
General Controls Co, 801 Allen Ave, Glendale 1, Calif.
Kieley & Mueller, Inc, 64 Genung St, Middletown, N. Y.
Minneapolis-Honeywell Regulator Co, 2753 Fourth Ave, S, Minneapolis 8, Minn.

VALVES, BALANCED

Atlas Valve Co, 280-84 South St, Newark 5, N. J.
Automatic Switch Co, 391 Lakeside Ave, Orange, N. J.
Automatic Temperature Control Co, 5212 Pulaski Ave, Phila 44, Pa.
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls, Box 1529, Tulsa 1, Okla.
Black, Sivalls & Bryson, Inc, Power & Light Bldg, Kansas 6, Mo.
Copes-Vulcan Div, Continental Foundry & Machine Co, Erie, Pa.
Davis Regulator Co, 2549 South Washtenaw Ave, Chicago 8, Ill.

Dresser Instrument & Regulator Co, 815 Clark Ave, St Louis 2, Mo.
Farris Engrg Corp, 400 Commercial Ave, Palisades Park, N. J.
Foster Engrg Co, 835 Lehigh Ave, Union, N. J.
Foxboro Co, Foxboro, Mass.
General Controls Co, 801 Allen Ave, Glendale 1, Calif.
Hagan Corp, Hagan Bldg, Pittsburgh 30, Pa.
Hammel-Dahl Co, 175 Post Rd, Warwick, Providence 5, R. I.
Hoffman Specialty Mfg Corp, 1001 York St, Indianapolis 7, Ind.
Johnson Service Co, 507 East Michigan St, Milwaukee 2, Wis.
Kaye & McDonald, Inc, d'Este Div, 11-15 Central Ave, West Orange, N. J.
Keckley, O C, Co, 400 West Madison St, Chicago 6, Ill.
Kieley & Mueller, Inc, 64 Genung St, Middletown, N. Y.
Leslie Co, 255 Grant Ave, Lyndhurst, N. J.
McAlear Mfg Co, 1901 S Western Ave, Chicago 8, Ill.

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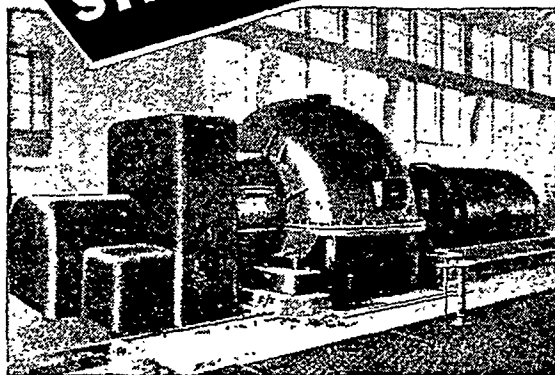
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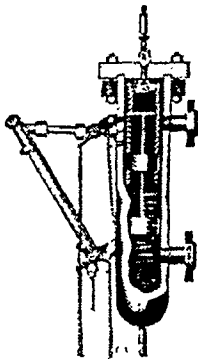
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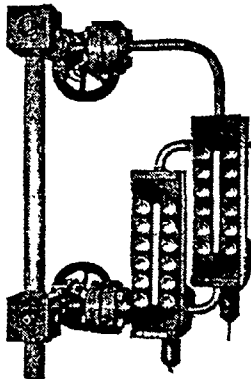
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Widely used by public utilities, industrial plants and institutions. Sold as complete units or separate columns and gages. Floatless Hi-Lo Alarm in column is operated by displacement principle, with balanced solid weights. Hi-Lo Alarm columns made for pressures up to 1350 lbs.; no-alarm columns for pressures to 2500 lbs.

SESURE-INCLINED GAGE

(left) facilitates reading water level from any point on boiler room floor, even directly underneath. Made with round glass for pressures up to 400 lbs.



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(left) provides new flexibility and dependability for high pressures. Double insert (shown) for wide ranges, single insert available for medium ranges. Pressure-sealed "floating assembly" on all flat glass gages. Type "M" Illuminator makes boiler water level shine like a star. Pressures to 3300 lbs.

Send for Bulletin
WG-1812

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Yarway's Remote Liquid Level Indicator brings overhead gage readings right down to eye level, on the instrument panel or other convenient place. It gives instant accurate boiler water level indication on a brilliantly lighted dial.

The Yarway Remote Liquid Level Indicator is accurate because IT'S OPERATED BY THE BOILER WATER ITSELF—by the pressure differential between a constant head of water and the varying head in the boiler drum . . . a unique indicating mechanism which is never under pressure. Action is instant, constant, frictionless. THERE ARE NO STUFFING BOXES. Suitable for all pressures up to 2500 psi.

Moderately priced and easily installed on new or existing equipment. Thousands already in use, not only to indicate boiler and feed heater water levels, but also other liquid levels and superheater pressure differential.

For complete description, write for Bulletin WG-1824

For description of Yarway HI-LO-GRAH Liquid Level Recorder, write for Bulletin WG-1830

For description of Yarway-RCA Television Equipment for water level gages, write for Bulletin WG-1813.

See other Yarway advertisements on pages 136, 139, 163, 168

YARNALL-WARING COMPANY

100 MERMAID AVE., PHILA. 18, PA.

VIBRATION ISOLATORS

(See Isolators)

VIBRATORS, BIN, CAR, CHUTE, HOPPER

Cleveland Vibrator Co, 2828 Clinton Ave, Cleveland 13, Ohio
Gerotor May Corp, Maryland & Oliver Sts, Baltimore 1, Md.
Hewitt-Robins, Inc, 666 Glenbrook Rd, Stamford, Conn.
Jeffrey Mfg Co, 932 North Fourth St, Columbus 16, Ohio
Kennedy-Van Saun Mfg & Engrg Corp, 2 Park Ave, New York 16, N. Y.
Robins Conveyors Div, Hewitt-Robins Inc, 270 Passaic Ave, Passaic, N. J.
Syntron Co, 492 Lexington, Homer City, Pa.

VOLTMETERS, INDICATING

Assembly Products Inc, 35 North Main St, Chagrin Falls, Ohio
Barber-Colman Co, 116 Loomis St, Rockford, Ill.
Burlington Instrument Co, 203 North Third St, Burlington, Iowa
Foxboro Co, Foxboro, Mass.
General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
Marion Electrical Instrument Co, 400 Canal St, Manchester, N. H.
Pyramid Instrument Corp, 630 Merrick Rd, Lynbrook, L. I.
Roller-Smith Corp, Instrument Div, 1825 West Market St, Bethlehem, Pa.
Sangamo Electric Co, Springfield, Ill.
Sensitive Research Instrument Co, 9-11 Elm Ave, Mount Vernon, N. Y.
Simpson Electric Co, 5200 West Kinzie, Chicago 44, Ill.
Sticht, Co, Herman H, 27 Park Pl, New York 7, N. Y.
U S Gauge Div, American Machine & Metals Inc, Sellersville, Pa.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

VOLTMETERS, RECORDING

Barber-Colman Co, 116 Loomis St, Rockford, Ill.

Bristol Co, Waterbury 20, Conn.
Esterline-Angus Co, Inc, P O Box 596, Indianapolis 6, Ind.
Foxboro Co, Foxboro, Mass.
General Electric Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N. Y.
Sangamo Electric Co, Springfield, Ill.
Westinghouse Electric Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa.

WALLS, FURNACE, SUSPENDED

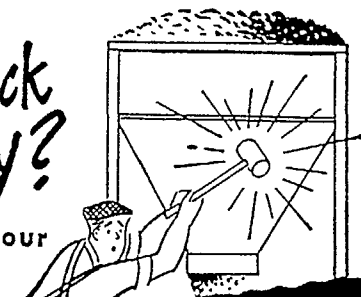
Abco Furnace Div, Acme Brick Co, 2821 7 St, P O Box 425, Fort Worth, Tex.
American Engrg Co, 2400 Aramingo Ave, Philadelphia 25, Pa.
Babcock & Wilcox Co, 161 East 42 St, New York 17, N. Y.
Bernitz Furnace Appliance Co, 150 Causeway St, Boston 14, Mass.
Bigelow-Liptak Corp, 2550 West Grand Blvd, Detroit 8, Mich.
Carborundum Co, Refractories Div, Perth Amboy, N. J.
Chicago Fire Brick Co, 1461 North Elston Ave, Chicago 22, Ill.
Detrick, M H, Co, 111 West Washington St, Chicago 2, Ill.
Foster Wheeler Corp, 165 Broadway, New York 6, N. Y.
General Refractories Co, 1520 Locust St, Philadelphia 2, Pa.
Green, A P, Fire Brick Co, Mexico, Mo.
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
Ramtite Co, 2563 West 18 St, Chicago 8, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City 8, Mo.
Thompson, John Ltd, 441 Lexington Ave, New York 17, N. Y.

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Palmer, Harold Co, 6432 Cass Ave, Detroit 2, Mich.
Trent, Inc, Wilde St, Philadelphia 27, Pa.
Wiegand, E L, Co, Pittsburgh, Pa.

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Yale & Towne Mfg Co, Roosevelt Blvd, Philadelphia 15, Pa.

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Aluminum Co of America, Dept 11, 670 Gulf Bldg, Pittsburgh 19, Pa.
Anacona Wire & Cable Co, Broadway, New York 4, N. Y.
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn.
Electric Auto-Lite, Champlain & Mulberry Aves, Toledo 1, Ohio

Federal Telephone & Radio Corp, Div IT&T, 100 Kingsland Rd, Clifton, N. J.
General Cable Corp, 420 Lexington Ave, New York 17, N. Y.
General Electric Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn.
National Electric Products Corp, 2 Gateway Center, Pittsburgh 22, Pa.
Okonite Co, Canal St, Passaic, N. J.
Raybestos Products Corp, 285 Nicoll St, New Haven 4, Conn.
Reintjes, John A, Sons Corp Div, Colorado Fuel & Iron Corp, Trenton 2, N. J.
Rome Cable Corp, Ridge St, Rome, N. Y.
Simplex Wire & Cable Co, 79 Sidney St, Cambridge 39, Mass.

United States Rubber Co, 1230 Ave of the Americas, New York 20, N. Y.

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Aluminum Co of America, Dept 11, 670 Gulf Bldg, Pittsburgh 19, Pa.
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Federal Telephone & Radio Corp, Div IT&T, 100 Kingsland Rd, Clifton, N. J.
General Cable Corp, 420 Lexington Ave, New York 17, N. Y.

General Electric Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn.
National Electric Products Corp, 2 Gateway Center, Pittsburgh 22, Pa.
Okonite Co, Canal St, Passaic, N. J.
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(See Softeners, Ion-exchange)

POWER SERVICE GUIDE

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

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Graton & Knight Co, 356 Franklin St, Worcester 4, Mass.
Houghton, E F, & Co, 303 West Lehigh Ave, Philadelphia 33, Pa.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.

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Bros Boiler & Mfg Co, 1057 Tenth Ave, S E, Minneapolis 14, Minn.
Brownell Co, 300 North Findlay St, Dayton 1, Ohio
Continental Boiler & Sheet Iron Works, 5601 West Park, St Louis 10, Mo.
Edge Moor Iron Works, Inc, 164 Bloomfield St, Hoboken, N. J.
International Boiler Works Co, 1 Birch St, East Stroudsburg, Pa.
Keystone Grate & Blower Works, Lincoln Highway E, Chambersburg, Pa.
McAleenan Bros Co, 25 & R R Sts, Pittsburgh 22, Pa.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.
Ofcco Construction Co, 2650 Cherry Ave, Long Beach, Calif.
Pipe & Tubular Prods Inc, 8504 German-town Ave, Philadelphia, Pa.
Pibrico Co, 1800 Kingsbury St, Chicago 14, Ill.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City 8, Mo.
Springfield Boiler Co, 1901 East Capitol Ave, Springfield, Ill.

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McAleenan Bros Co, 25 & R R Sts, Pittsburgh 22, Pa.
Kellogg, M W Co, 225 Broadway, New York 7, N. Y.
Reintjes, Geo P, Co, 2517 Jefferson St, Kansas City 8, Mo.

REPAIR WORK, CONDENSER

Bigelow Co, Lloyd & River Sts, New Haven 13, Conn.
Bros Boiler & Mfg Co, 1057 Tenth Ave, S E, Minneapolis 14, Minn.
Condenser Service & Engrg Co, Inc, 164 Bloomfield St, Hoboken, N. J.
Continental Boiler & Sheet Iron Works, 5601 West Park, St Louis 10, Mo.
McAleenan Bros Co, 25 & R R Sts, Pittsburgh 22, Pa.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.
Ofcco Construction Co, 2650 Cherry Ave, Long Beach, Calif.
Pipe & Tubular Prods Inc, 8504 German-town Ave, Philadelphia, Pa.

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Brownell Co, 300 North Findlay St, Dayton 1, Ohio
Condenser Service & Engrg Co, Inc, 164 Bloomfield St, Hoboken, N. J.
Gundlach, T J, Machine Co, 226 Centre-ville Ave, Belleville, Ill.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.

REPAIR WORK, PUMP

Beach-Russ Co, 50 Church St, New York 7, N. Y.
Gundlach, T J, Machine Co, 226 Centre-ville Ave, Belleville, Ill.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.
Sims Pump Valve Co, Inc, 1314 Park Ave, Hoboken, N. J.
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind.

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International Correspondence School, Scranton 9, Pa.

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Aquadrye Corp, 441 Lexington Ave, New York 17, N. Y.
Cambridge Chemical Cleaning, Inc, P O Box 212, Montclair, N. J.
Chemical Cleaning Service, Inc, Box 388, Jackson Heights 72, N. Y.
Dowell, Inc, P O Box 536, Tulsa 1, Okla.
Erickson Chemical Co, 333 North Michigan Ave, Chicago 1, Ill.
Lemont Chemical Corp, 35 East Wacker Dr, Chicago 1, Ill.
McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.
Magnus Chemical Co, Inc, 10 South Ave, Garwood, N. J.
Solvent Service, Inc, 242 Latimore St, Painesville, Ohio
Standard Chemicals, Inc, 36 Summer St, Natick, Mass.
Sumco Engineering Co, P O Box 193, Caldwell, N. J.

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Aquatrol, Inc, P O Box 12345, Houston 17, Tex.
Bataille, Kane & McKie, Inc, 5528 North Western Ave, Chicago 25, Ill.
Bird-Archer Co, 4337 North American St, Philadelphia 40, Pa.
Boddy-Benjamin & Woodhouse, Inc, 28 West Adams Ave, Detroit 26, Mich.
Burns & Roe, Inc, 233 Broadway, New York 7, N. Y.
Day & Zimmerman, Inc, 1700 Sansom St, Philadelphia 3, Pa.
Draxen & Associates, 7912 Bonhomme Ave, Clayton, St Louis 5, Mo.
Ferguson, H K, Co, 1783 East 11 St, Cleveland, Ohio
Frick Co, West Main St, Waynesboro, Pa.
Greene, Lockwood, Engineers Inc, 10 Rockefeller Plaza, New York 20, N. Y.
Gulf Oil Corp, 1822 Gulf Bldg, Pittsburgh 30, Pa.
Jackson & Church Co, 306 Stoker Dr, Saginaw, Mich.
Kuljian Corp, 1200 North Broad St, Philadelphia 21, Pa.

Lientz, B P, Mfg Co, 210 W 8th St, Kansas City, Mo.
Panafarm Products Div, Panellit, Inc, 7215 North Clark St, Chicago 26, Ill.
Pfeifer & Shultz, 702 Wesley Temple Bldg, Minneapolis 3, Minn.
Pioneer Service & Engrg Co, 231 South LaSalle St, Chicago 4, Ill.
Protectoseal Co, 1920 South Western Ave, Chicago 8, Ill.
Sargent & Lundy Engineers, 140 S Dearborn, Chicago 3, Ill.
Stadler-Hurter Co, 609 Drummond Bldg, Montreal 2, Quebec, Canada
Thomas, H Emerson, & Associates, P O Box 270, Westfield, N. J.
United Engrs & Constructors Inc, 1401 Arch St, Philadelphia 4, Pa.
Velocity Steam Production Engrg, Inc, 38 S Dearborn St, Chicago 3, Ill.
Wilson, H M, Co, 18 & Brandywine Sts, Philadelphia 30, Pa.
Wood, Albert C, & Associates, Stock Exchange Bldg, Philadelphia, Pa.

SERVICES: CONTRACTING, CONSTRUCTING

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa.
Burns & Roe, Inc, 233 Broadway, New York 7, N. Y.
Carolina Refractories Co, Hartsville, S. C.
Day & Zimmerman, Inc, 1700 Sansom St, Philadelphia 3, Pa.
Dravo Corp, Neville Island, Pittsburgh 25, Pa.
Fairfield Engrg Co, 320 Barnhart St, Marion, Ohio
Ferguson, H K, Co, 1783 East 11 St, Cleveland, Ohio
Frick Co, West Main St, Waynesboro, Pa.
Heyl & Patterson, Inc, 55 Fort Pitt Blvd, Pittsburgh 22, Pa.
Kellogg, M W Co, 225 Broadway, New York 7, N. Y.
Kuljian Corp, 1200 North Broad St, Philadelphia 21, Pa.
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McGraw, F H, & Co, 51 East 42nd St, New York 17, N. Y.
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 Continental Gin Co., 4500 S 5th Ave., Birmingham 2, Ala.
 Diamond Iron Works, Inc., Minneapolis, Minn.
 Fairfield Engrg Co., 305 Barnhart St., Marion, Ohio.
 Farquhar, A. B. Co., York, Pa.
 General Machinery Co., Riverside Ave., Spokane 1, Wash.
 Gifford-Wood Co., 24 Hill St., Hudson, N. Y.
 Kennedy-Van Saun Mfg & Engrg Corp., 2 Park Ave., New York 10, N. Y.
 Link-Belt Co., 300 W Pershing Rd., Chicago 9, Ill.
 Merrick Scale Mfg Co., 178 Autumn St., Passaic, N. J.
 Nicholson Co., 10 Rockefeller Plaza, New York 20, N. Y.
 Palmer-Bee Co., Detroit 12, Mich.
 Robins Conveyors Inc., 278 Passaic Ave., Passaic, N. J.
 Savage, W. J. Co., Knoxville, Tenn.
 Standard Transmission Equipment Co., 415 W 8th St., Los Angeles, Calif.
 Stephens-Adamson Mfg. Co., 5 Ridgeway Ave., Aurora, Ill.
 Syntron Co., Homer City, Pa.

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 Diamond Iron Works Inc., & Mahr Mfg Co Div., 1332 N 2nd St., Minneapolis 11, Minn.

Fairfield Engrg Co., 305 Barnhart St., Marion, Ohio.
 Farquhar, A. B. Co., York, Pa.
 General Machinery Co., Riverside Ave., Spokane 1, Wash.
 Godfrey Conveyor Corp., Dept. A 77, Elkhart, Ind.
 Jeffrey Mfg Co., 932-99 N 4th St., Columbus 16, Ohio.
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 Beaumont Birch Co., 1505 Race St., Philadelphia 2, Pa.
 Brady Conveyors Corp., 20 W Jackson Blvd., Chicago 4, Ill.
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 Chain Belt Co., 1674 W Bruce St., Milwaukee 4, Wis.
 Columbus Conveyor Co., Columbus 3, Ohio.
 Continental Gin Co., 4500 S Fifth Ave., Birmingham 2, Ala.
 Diamond Iron Works Inc., Minneapolis, Minn.
 Diamond Mfg Co., Wyoming, Pa.
 Fairfield Engrg Co., 305 Barnhart St., Marion, Ohio.
 Farquhar, A. B. Co., York, Pa.
 General Machinery Co., Riverside Ave., Spokane 1, Wash.
 Gifford-Wood Co., 24 Hill St., Hudson, N. Y.
 Godfrey Conveyor Corp., Dept. A 77, Elkhart, Ind.

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 Kennedy-Van Saun Mfg & Engrg Corp., 2 Park Ave., New York, N. Y.
 Link-Belt Co., 300 W Pershing Rd., Chicago 9, Ill.
 McNally Pittsburg Mfg Co., Pittsburg, Kans.
 Murray, D. J. Mfg Co., Wausau, Wis.
 Nicholson Co., 10 Rockefeller Plaza, New York 20, N. Y.
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 Robins Conveyors Inc., 278 Passaic Ave., Passaic, N. J.
 Stephens-Adamson Mfg Co., 5 Ridgeway Ave., Aurora, Ill.
 Webster Mfg Inc., Tiffin, Ohio

COOLERS, BRINE

(See Also Heat Exchangers)

Acme Copper Smelting & Machine Co., Oreland, Pa.
 Alberger Heater Co., 287 Chicago St., Buffalo 4, N. Y.
 American Locomotive Co., 30 Church St., New York 7, N. Y.
 Andale Co., 1600 Arch St., Philadelphia 3, Pa.
 Badger Fire Extinguisher Co., 626 Somerville Ave., Somerville 43, Mass.
 Baker Ice Machine Co., Inc., Omaha 1, Neb.
 Bell & Gossett Co., Morton Grove, Ill.
 California Steel Products Co., Barrett & A Sts., Richmond, Calif.
 Condenser Service & Engrg Co., 310 12th St., Hoboken, N. J.
 Davis Engrg Corp., 1058 E Grand St., Elizabeth 4, N. J.
 Downingtown Iron Works, Downingtown, Pa.
 Drayer & Hanson Inc., 733 E Pico St., Los Angeles 21, Calif.
 Frick Co., W Main St., Waynesboro, Pa.
 General Refrigeration Div., Yates-American Machine Co., Beloit, Wis.
 Graham Mfg Co., 415 Lexington Ave., New York 17, N. Y.
 Griscorn-Russell Co., 255 Madison Ave., New York 17, N. Y.
 Harry Cooling Towers, Inc., 554 W 48th St., New York, N. Y.
 Howe Ice Machine Co., 2321 Montrose Ave., Chicago 18, Ill.
 Kramer Trenton Co., 626 Brunswick Ave., Trenton 5, N. J.
 Lummus Co., 420 Lexington Ave., New York 17, N. Y.
 Murray, D. J. Mfg Co., Wausau, Wis.
 Richmond Engrg Co., Inc., Seventh & Hospital Sts., Richmond 5, Va.
 Sims Co., Erie, Pa.
 Struthers Wells Corp., Warren, Pa.
 Vilter Mfg Co., 2217 S 1st St., Milwaukee 7, Wis.
 Vogt, Henry, Machine Co., 1000 W Ormsby St., Louisville 10, Ky.
 Whitlock Mfg Co., 77 South St., Hartford 1, Conn.
 Worthington Pump & Machinery Corp., Harrison, N. J.
 York Corp., York, Pa.

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Acme Copper Smelting & Machine Co., Oreland, Pa.
 Alberger Heater Co., 287 Chicago St., Buffalo 4, N. Y.
 Alco Products Div., 36 Church St., New York 7, N. Y.
 Andale Co., 1600 Arch St., Philadelphia 3, Pa.
 Badger Fire Extinguisher Co., 626 Somerville Ave., Somerville 43, Mass.
 Bell & Gossett Co., Morton Grove, Ill.
 Bitzer, R. D. Co., 3109 N Broad St., Philadelphia 32, Pa.
 Condenser Service & Engrg Co., 310 12th St., Hoboken, N. J.
 Downingtown Iron Works, Downingtown, Pa.
 Drayer & Hanson Inc., 733 E Pico St., Los Angeles 21, Calif.
 Fedders Mfg Co., 63 Tonawanda St., Buffalo 7, N. Y.
 Foster Wheeler Corp., 165 Broadway, New York 6, N. Y.
 Graham Mfg Co., 415 Lexington Ave., New York 17, N. Y.
 Griscorn-Russell Co., 255 Madison Ave., New York 17, N. Y.

Harrison Radiator Div., General Motors Corp., Lockport, N. Y.
 Kramer Trenton Co., 626 Brunswick Ave., Trenton 5, N. J.
 Lummus Co., 420 Lexington Ave., New York 17, N. Y.
 Marlo Coll Co., St Louis 10, Mo.
 Murray, D. J. Mfg Co., Wausau, Wis.
 Refrigeration Economics Co., 1232 Second St., NE, Canton 1, Ohio.
 Rome-Turney Radiator Co., 244 Lynch St., Rome, N. Y.
 Ross Heater & Mfg Co., 1409 West Ave., Buffalo 11, N. Y.
 Schutte & Koerting Co., 110 A Thompson Sts., Phila 22, Pa.
 Sims Co., Erie, Pa.
 Staples & Pfeiffer, 523 Bryant St., San Francisco 7, Calif.
 Struthers Wells Corp., Warren, Pa.
 Trane Co., 2012 Cameron Ave., LaCrosse, Wis.
 Vogt, Henry, Machine Co., 1000 W Ormsby St., Louisville 10, Ky.
 Whitlock Mfg Co., 77 South St., Hartford 1, Conn.
 Worthington Pump & Machinery Corp., Harrison, N. J.
 York Corp., York, Pa.
 Young Radiator Co., Racine, Wis.
 Zallea Bros & Johnson, 329 Locust St., Wilmington 3, Del.

COOLERS, UNIT, ROOM

Buffalo Forge Co., 485 Broadway, Buffalo 4, N. Y.
 Frigidaire Div., Dayton 1, Ohio.
 General Electric Co., Schenectady 5, N. Y.
 General Refrigeration Div., Yates-American Machine Co., Beloit, Wis.
 Hastings Air Conditioning Co., Hastings, Neb.
 Howe Ice Machine Co., 2321 Montrose Ave., Chicago 18, Ill.
 Ice Cooling Appliance Corp., 33 S Clark St., Chicago 3, Ill.
 Iig Electric Ventilating Co., 1500 N Crawford Ave., Chicago 41, Ill.
 Kramer Trenton Co., 626 Brunswick Ave., Trenton 5, N. J.
 McQuay, Inc., Minneapolis 12, Minn.
 Marlo Coll Co., St Louis 10, Mo.
 Murray, D. J. Mfg Co., Wausau, Wis.
 Niagara Blower Co., 6 E 45th St., New York 17, N. Y.
 Palmers Mfg Co., Phoenix, Ariz.
 Peerless Co of America, Inc., Marion, Ind.
 Rempe Co., 340 N Sacramento Blvd., Chicago 12, Ill.
 Skinner Heating & Ventilating Co., 1930 N 9th Street, St. Louis, Mo.
 Trane Co., 2012 Cameron Ave., LaCrosse, Wis.
 Westinghouse Electric Co., E Pittsburgh 1, Pa.
 York Corp., York, Pa.

COOLING SYSTEMS, SPRAY

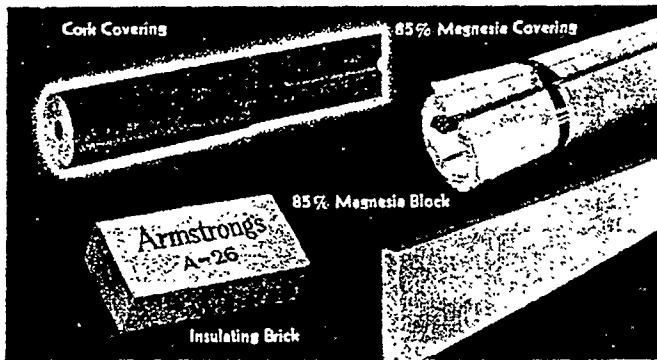
Binks Mfg Co., 3114-40 Carroll Ave., Chicago 12, Ill.
 Buffalo Forge Co., 485 Broadway, Buffalo 4, N. Y.
 Carrier Corp., Syracuse 1, N. Y.
 Marley Co., Fairfax & Marley Rds., Kansas City 15, Kans.
 Marlo Coll Co., St Louis 10, Mo.
 Murray, D. J. Mfg Co., Wausau, Wis.
 Palmers Mfg Co., Phoenix, Ariz.
 Schutte & Koerting Co., 110 A Thompson Sts., Phila 22, Pa.
 Spray Engrg Co., 111 Central St., Somerville, Mass.
 Spraying Systems Co., 4021 Lake St., Chicago 24, Ill.
 Sturtevant, B. F. Co., 47 Rockville St., Boston 36, Mass.
 Trane Co., 2012 Cameron Ave., LaCrosse, Wis.
 Yarnall-Waring Co., 18 Hill, Philadelphia 18, Pa.
 York Corp., York, Pa.

COOLING TOWERS

(See Towers, Cooling)

CORK PRODUCTS

Armstrong Cork Co., 921 Concord St., Lancaster, Pa.
 Butterworth, B. T. Jr., Canaan, Conn.

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