

**EXHAUSTERS**

American Blower Corp., 884-885  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Champion Blower & Forge Co., 966  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 W. B. Connor Engineering Corp.,  
 934-935, 981  
 Coppus Engineering Corp., 936  
 New York Blower Co., 969  
 B. F. Sturtevant Co., 973-975  
 L. J. Wing Mfg. Co., 925-927

**EXHAUST HEADS (See Heads, Exhaust)****EXHAUST TUBING, Flexible (See Tubing, Flexible, Metallic)****EXPANSION JOINTS**

American District Steam Co., 1076, 1116  
 E. B. Badger & Sons Co., 1077  
 Baker Ice Machine Co., 953  
 Crane Company, 1046-1047  
 Fulton Sylphon Co., 1002-1003  
 Grinnell Co., Inc., 1026-1027, 1081  
 Arthur Harris & Co., 1089  
 Illinois Engineering Co., 1032-1033  
 Ric-wil Company, 1118  
 Warren Webster & Co., 1036-1039  
 Yarnall-Waring Co., 1085

**EXPOSITIONS**

International Exposition Co., 1124

**FANS, Attic**

Airtherm Manufacturing Co., 906  
 American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Bayley Blower Company, 964  
 Buffalo Forge Company, 965  
 Burnham Boiler Corp., 1045  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 Gar Wood Industries, Inc., 901  
 General Electric Company, 890-891, 976-977  
 Lau Blower Co., 968  
 L. J. Mueller Furnace Co., 902-903  
 John J. Nesbitt, Inc., 919  
 H. J. Somers, Inc., 942  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 Wagner Electric Corp., 978  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FAN BLADES**

American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 Torrington Mfg. Co., 970-972  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FANS, Centrifugal**

American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Bayley Blower Company, 964

Buffalo Forge Company, 965  
 E. K. Campbell Heating Co., 900  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 Coppus Engineering Corp., 936  
 General Electric Company, 890-891, 976-977  
 Hastings Air Conditioning Co., 911  
 Lau Blower Co., 968  
 L. J. Mueller Furnace Co., 902-903  
 Herman Nelson Corp., 921  
 New York Blower Co., 969  
 Niagara Blower Co., 889  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 L. J. Wing Mfg. Co., 925-927

**FANS, Electric**

Airtherm Manufacturing Co., 906  
 American Coolair Corp., 962-963  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 Coppus Engineering Corp., 936  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 Electric Air Heater Co., Div. of  
 American Foundry, Equipment  
 Co., 907  
 General Electric Company, 890-891, 976-977  
 Lau Blower Co., 968  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Wagner Electric Corp., 978  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FANS, Furnace**

American Blower Corp., 884-885  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 Hastings Air Conditioning Co., 911  
 Lau Blower Co., 968  
 L. J. Mueller Furnace Co., 902-903  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FAN MOTORS (See Motors, Electric)****FANS, Portable**

American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Bayley Blower Company, 964  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Coppus Engineering Corp., 936  
 General Electric Company, 890-891, 976-977  
 Lau Blower Company, 968  
 New York Blower Co., 969  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 United States Air Conditioning  
 Corp., 893

Wagner Electric Corp., 978  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FANS, Propeller**

Airtherm Manufacturing Co., 906  
 American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Buffalo Forge Company, 965  
 E. K. Campbell Heating Co., 900  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 W. B. Connor Engineering Corp.,  
 934-935, 981  
 Coppus Engineering Corp., 936  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 General Electric Company, 890-891, 976-977  
 Lau Blower Company, 968  
 Marley Co., The, 946  
 Herman Nelson Corp., 921  
 New York Blower Co., 969  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FANS, Supply and Exhaust**

Airtherm Manufacturing Co., 906  
 American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Bayley Blower Company, 964  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 Coppus Engineering Corp., 936  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 General Electric Company, 890-891, 976-977  
 Hastings Air Conditioning Co., 911  
 Lau Blower Co., 968  
 L. J. Mueller Furnace Co., 902-903  
 Herman Nelson Corp., 921  
 New York Blower Co., 969  
 H. J. Somers, Inc., 942  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 Wagner Electric Corp., 978  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FANS, Supply and Exhaust**

Airtherm Manufacturing Co., 906  
 American Blower Corp., 884-885  
 American Coolair Corp., 962-963  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Autovent Fan & Blower Div.,  
 Herman Nelson Corp., 921  
 Bayley Blower Company, 964  
 Buffalo Forge Company, 965  
 Champion Blower & Forge Co., 966  
 Clamage Fan Company, 888  
 Coppus Engineering Corp., 936  
 DeBothezat Division, American  
 Machine & Metals, Inc., 967  
 General Electric Company, 890-891, 976-977  
 Hastings Air Conditioning Co., 911  
 Lau Blower Co., 968  
 L. J. Mueller Furnace Co., 902-903  
 Herman Nelson Corp., 921  
 New York Blower Co., 969  
 H. J. Somers, Inc., 942  
 B. F. Sturtevant Co., 973-975  
 Torrington Mfg. Co., 970-972  
 Trane Company, The, 922-923  
 United States Air Conditioning  
 Corp., 893  
 Wagner Electric Corp., 978  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 L. J. Wing Mfg. Co., 925-927

**FEED WATER HEATERS (See Heaters, Feed Water)****FEED WATER REGULATORS (See Regulators, Feed Water)****FEEDERS, Boiler Water**

Crane Company, 1046-1047  
 Kieley & Mueller, Inc., 1082  
 McDonnell & Miller, 1040-1041  
 Mueller Steam Specialty Co., 1083  
 Penn Electric Switch Co., 1013  
 Spence Engineering Co., 1015  
 Warren Webster & Co., 1036-1039  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943  
 Wright-Austin Co., 1084

**FEEDERS, Water**

Kieley & Mueller, Inc., 1082  
 McDonnell & Miller, 1040-1041  
 Mueller Steam Specialty Co., 1083  
 Wright-Austin Co., 1084

**FELT, Sound Deadening**

Carey, Philip, Co., 1096  
 Ehret Magnesia Manufacturing Co.,  
 1098-1099  
 Johns-Manville, 1104-1105  
 Ruberoid Company, 1110-1111

**FELT, Insulating (See Insulation, Felt)**

**FILTERS, Air (See also Air Cleaning Equipment)**  
 Air-Maze Corporation, 930-931  
 American Air Filter Co., Inc., 932-933  
 W. B. Connor Engineering Corp.,  
 934-935, 981  
 Coppus Engineering Corp., 936  
 Detroit Lubricator Co., 1000-1001  
 Kimberly-Clark Corp., 1106-1107  
 Martocello, Jos. A. & Sons, 947  
 Owens-Corning Fiberglas Corp.,  
 938-939  
 Research Products Corp., 937  
 H. J. Somers, Inc., 942  
 Staynew Filter Corp., 940-941  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943

**FIREBRICK, Insulating**  
 Armstrong Cork Company, 1095  
 Babcock & Wilcox, 1044  
 Johns-Manville, 1104-1105  
 Universal Zonolite Insulation Co.,  
 1119

**FITTINGS, Air Ducts, Furnace**  
 Carey, Philip, Co., 1096  
 Gar Wood Industries, Inc., 901  
 L. J. Mueller Furnace Co., 902-903  
 United States Register Co., 987

**FITTINGS, Pipe, Flanged**  
 American Brass Company, 1090-1091  
 American Rolling Mill Co., 991  
 Baker Ice Machine Co., Inc., 953  
 Crane Company, 1046-1047  
 Frick Company, 956  
 Grinnell Co., Inc., 1026-1027, 1081  
 Arthur Harris & Co., 1089  
 Henry Valve Co., 999  
 Vilter Manufacturing Co., 959  
 Worthington Pump & Machinery  
 Co., 960-961  
 York Ice Machinery Corp., 896

**FITTINGS, Pipe, Screwed**  
 Baker Ice Machine Co., 953  
 Crane Company, 1046-1047  
 Frick Company, 956  
 Grinnell Co., Inc., 1026-1027, 1081  
 Henry Valve Company, 999  
 Vilter Manufacturing Co., 959  
 Worthington Pump & Machinery  
 Co., 960-961  
 York Ice Machinery Corp., 896

**FITTINGS, Pipe, Solder**  
 American Brass Company, 1090-1091  
 Crane Company, 1046-1047  
 Eagle-Picher Lead Co., 1100

**FITTINGS, Pipe, for Under-ground Conduit**  
 American District Steam Company,  
 1076, 1116

Ehret Magnesia Manufacturing Co.,  
 1098-1099  
 H. W. Porter Co., 1117  
 Ric-wil Company, The, 1118

**FITTINGS, Pipe, Sweat**

American Brass Company, 1090-1091  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Crane Company, 1046-1047  
 Eagle-Picher Lead Co., 1100

**FITTINGS, Welded**

American Brass Company, 1090-1091  
 American Rolling Mill Co., 991  
 Crane Company, 1046-1047  
 Grinnell Co., Inc., 1026-1027, 1081  
 York Ice Machinery Corp., 896

**FLOATS, Metal (See Trap and Valve)**

Arthur Harris & Co., 1089  
 Kieley & Mueller, Inc., 1082  
 McDonnell & Miller, 1040-1041  
 Wright-Austin Co., 1084

**FLOOR AND CEILING PLATES**

American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Carnegie-Illinois Steel Corp., 994  
 Grinnell Co., Inc., 1026-1027, 1081  
 Tuttle & Bailey, Inc., 988-989

**FLOOR PLATES**

Jones & Laughlin Steel Corp., 993

**FLUE GAS ANALYSIS**

Leeds & Northrup Co., 1007  
 Minneapolis-Honeywell Regulator  
 Co., 1010-1011

**FOG ELIMINATOR**

L. J. Wing Mfg. Co., 925-927

**FORCED-AIR DUCTS AND FITTINGS (See Ducts, Fittings)**

**FORCED DRAFT COOLING TOWERS (See also Fans, Cooling Towers, Induced Draft, Mechanical Draft)**

Air & Refrigeration Corp., 883  
 Baker Ice Machine Co., 953  
 Buffalo Forge Company, 965  
 Marley Company, 946  
 York Ice Machinery Corp., 896

**FURNACE-BURNER, Oil-fired, Stoker-fired**

Airtemp Div., Chrysler Corp., 898-899

American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Crane Company, 1046-1047  
 Gar Wood Industries, Inc., 901  
 General Electric Company, 890-891, 976-977

Iron Fireman Mfg. Co., 1070-1071  
 L. J. Mueller Furnace Co., 902-903  
 Herman Nelson Corp., 920-921  
 Quincy Stove Mfg. Co., 905  
 Webster Engineering Co., 1084

**FUEL BURNING EQUIPMENT, Automatic (See Burners, Automatic; Coal Burners, Automatic; Furnace Burners; Gas Burners; Oil Burners; Stokers)****FURNACE PIPE**

Johns-Manville, 1104-1105  
 L. J. Mueller Furnace Co., 902-903  
 United States Register Co., 987

**FURNACES, Electric**

General Electric Company, 890-891, 976-977  
 Leeds & Northrup Co., 1007  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943

**FURNACES, Warm Air**

Airtemp Div., Chrysler Corp., 898-899  
 Airtherm Manufacturing Co., 906  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Bryant Heater Co., 897  
 E. K. Campbell Heating Co., 900  
 Carrier Corporation, 886-887  
 Crane Company, 1046-1047  
 Dravo Corporation, 908-909  
 Fitzgibbons Boiler Co., Inc., 1048-1049  
 Gar Wood Industries, 901  
 General Electric Company, 890-891, 976-977  
 Iron Fireman Mfg. Co., 1070-1071  
 Lee Engineering Co., 904  
 L. J. Mueller Furnace Co., 902-903  
 Herman Nelson Corp., 920-921  
 Quincy Stove Mfg. Co., 905  
 Spencer Heater Division, 1056-1057  
 United States Radiator Corp., 1058-1059  
 Westinghouse Elec. & Mfg. Co.,  
 894-895, 943

**GAGE BOARDS**  
 Baker Ice Machine Co., 953  
 Frick Company, 956  
 Manning, Maxwell & Moore, Inc.,  
 1008  
 Minneapolis-Honeywell Regulator  
 Co., 1010-1011  
 Spence Engineering Co., 1015  
 Taylor Instrument Companies,  
 1016  
 United States Gauge Co., 987

**GAGE GLASSES**  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Crane Company, 1046-1047  
 Jenkins Bros., 1088  
 Libby-Owens-Ford Glass Co., 1007  
 Yarnall-Waring Co., 1085

**GAGES, Altitude**  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Bell & Gossett Company, 1022-1023  
 Crane Company, 1046-1047  
 Mercoid Corporation, 1009  
 Taylor Instrument Companies, 1016  
 United States Gauge Co., 1017

**GAGES, Ammonia**  
 Baker Ice Machine Co., 953  
 Crane Company, 1046-1047  
 Frick Company, 956  
 Manning, Maxwell & Moore, 1008  
 Martocello, Jos. A. & Co., 947  
 Mercoid Corporation, 1009  
 United States Gauge Co., 1017  
 Vilter Manufacturing Co., 959  
 York Ice Machinery Corp., 896

**GAGES, Compound**  
 American Radiator & Standard  
 Sanitary Corp., 1042-1043  
 Crane Company, 1046-1047  
 Dole Valve Company, 1087  
 C. A. Dunham Co., 1024-1025  
 Hoffman Specialty Co., Inc., 1026-1029  
 Illinois Engineering Co., 1032-1033