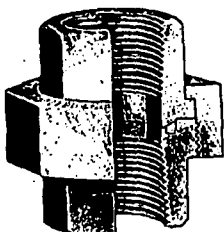


JEFFERSON UNIONS



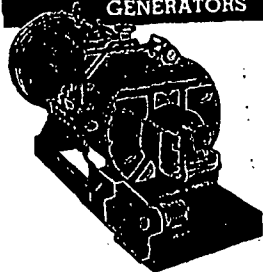
feature the RECESSED BRASS SEAT

Leak-proof tightness without undue pressure in setting up is assured by this exclusive feature of all Jefferson Unions. Location of the Recessed Brass Seat is such that pipe ends cannot come in contact with it no matter how far pipe ends are screwed in.

Jefferson also makes a complete line of 45° and 90° Union Elbows and Union Tees. Your nearest distributor has further details or get in touch with us direct.

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SUPERIOR STEAM GENERATORS



Fully automatic with any grade of oil. 17 sizes from 20 to 500 b.h.p. for pressures up to 200 p.s.i. Require no expensive chimney, supply their own induced draft. 80% thermal efficiency guaranteed. Write today for catalog 101.

Superior Combustion Industries, Inc.
Factory: Cincinnati, Pa.
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coal properties of Chesapeake and Ohio Railway Co. has been named permanent chairman of mining development committee.

J. W. McAfee, president, Union Electric Co. of Missouri, has been re-elected president of Missouri Assn. of Public Utilities. Other officers re-elected are: (1) first vice-president—H. B. Newman, president, Missouri Utility Co., Cape Girardeau; (2) second vice-president—H. D. Green, president, Missouri Public Service Corp., Warrensburg; (3) third vice-president—H. B. Munzell, president, Kansas City Power and Light Co.

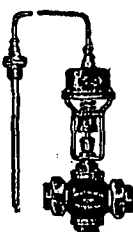
American Society for Quality Control has elected Ralph E. Wareham as president for a one-year term. Wareham is vice-president and a director of National Photocolor Corp. of New York. George D. Edwards of Bell Telephone System is retiring president of the society. Other elected officers are: vice-president—W. R. Weaver of Republic Steel Corp. in Cleveland; executive secretary—S. Collier of John-Manville Corp. in New York; treasurer—A. L. Davis of Rochester Institute of Technology in Rochester.

Dr. Harold K. Work, manager of research and development of Jones and Laughlin Steel Corp., Pittsburgh, has been nominated president of American Society for Metals. When elected, Dr. Work succeeds Francis B. Foley of Philadelphia, Midvale Corp. executive. Dr. Arthur E. Focke, research metallurgist of Diamond Chain and Mfg. Co., Indianapolis, Ind., has been nominated as vice-president of the society. W. H. Elsenman, present secretary, has been nominated for his 16th consecutive 2-year term in that office. Dr. Harry Croft, director of technical control and research, Chase Brass and Copper Co., Cleveland, Ohio, and Frederick J. Robbins, manager, Sierra Driven Steel Corp., Los Angeles, Calif., have been nominated for 2-year terms as national trustees of ASME.

American Society of Mechanical Engineers has nominated James M. Todd, New Orleans consulting engineer, as its next president. Nomination is tantamount to election as only one name is presented for each office. Following regional vice-presidents have been nominated: (1) Arthur Roberts Jr., chief engineer, Lynchburg Foundry Co., Lynchburg, Va.; (2) Forrest Nagler, chief mechanical engineer, Allis-Chalmers Mfg. Co., Milwaukee, Wis.; (3) Carl J. Eckhardt, professor of mechanical engineering and superintendent of utilities, University of Texas, Austin; (4) Albert R. Mumford, director of development engineering, Combustion Engine Co., 200 Madison Ave., New York (renominated). Following directors-at-large were nominated: (1) Jacob A. Koeth, manager of power production, Kansas State Power and Light Co., Kansas City Kan.; (2) Ralph A. Sherman, assistant director, Battelle Memorial Institute, Columbus, Ohio.

John J. Lincoln Jr., director of sales services, Air Reduction Sales Co., New York, has been elected president of International Acetylene Association. A J. Fair-

TEMPERATURE ATLAS REGULATORS



BULLETIN No. 661
Illustrates and describes in full ATLAS Hydraulic and Pneumatic Operated Temperature Regulators for hot water heaters, steam boilers, cooking units, return systems, district heating plants, etc. A 26-page bulletin.

BULLETIN No. 711
Shows the ATLAS Contained Vapor Trap for liquids, gases, which are described below as well as others. A 16-page bulletin.

In other words, there is an ATLAS for every temperature regulation service.

ATLAS No. 650

Balanced Type Double Seat Valve. Spring Adjusted. For temperatures from 70° to 300° F. Built in immersion in liquid and control valve is installed in steam supply. 1/4", 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 28", 32", 36", 40", 44", 48", 52", 56", 60", 64", 68", 72", 76", 80", 84", 88", 92", 96", 100". Operates in vertical or horizontal position.

ATLAS No. 651

Needle Type. Single Seat Valve. Spring Adjusted. For temperatures from 70° to 300° F. Used where tight seating valve is essential such as on small oil burner pumps, hot water or closed hot water heaters, etc. 1/4", 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 28", 32", 36", 40", 44", 48", 52", 56", 60", 64", 68", 72", 76", 80", 84", 88", 92", 96", 100". Operates in vertical or horizontal position.

ATLAS No. 655

Balanced Type. Double Seat Valve. Lever Weight Adjustment. For temperatures from 70° to 300° F. Lever and weight adjustment at control valve assure high sensitivity. For medium temperature of liquids in all kinds of tanks, heaters, etc. 1/4", 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 28", 32", 36", 40", 44", 48", 52", 56", 60", 64", 68", 72", 76", 80", 84", 88", 92", 96", 100". Operates in vertical or horizontal position.

ATLAS No. 660

Single Seat Self Contained Pilot Operated Valve. Spring Adjustment. For temperatures from 70° to 300° F. For use where accurate regulation is required and where steam pressure is always 25 lb. or up for instantaneous heaters and tanks for pressures up to 300 lb. 1/4", 1/2", 3/4", 1", 1 1/2", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 24", 28", 32", 36", 40", 44", 48", 52", 56", 60", 64", 68", 72", 76", 80", 84", 88", 92", 96", 100". Operates in vertical or horizontal position.

Other ATLAS Products

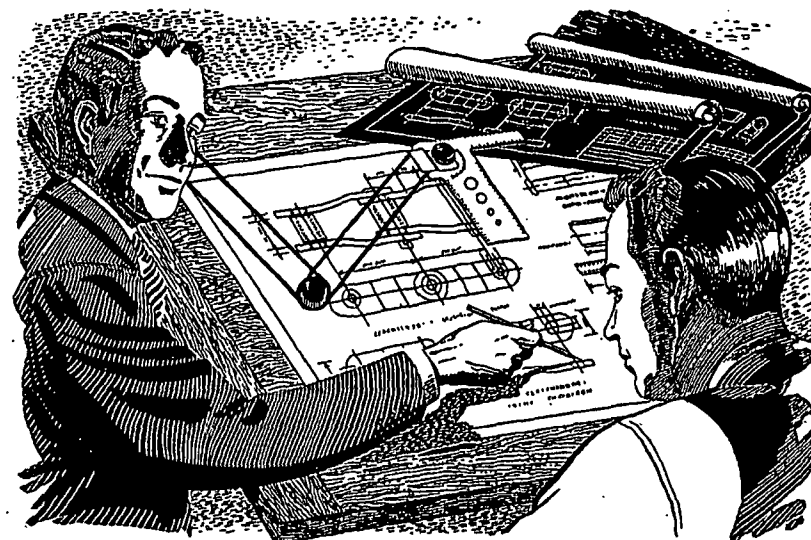
Check the items on which you would like to have data and mail to us with your firm name and address.

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| ☐ Double Regulators | ☐ Pressure Regulators |
| ☐ Temperature Regulators | ☐ Oil Control Control |
| ☐ Relief Valve | ☐ Newell's Control |
| ☐ Exhaust Control | ☐ Thermostatic Control |
| ☐ CAMPBELL Outlet | ☐ Balanced Valve |
| ☐ Feed Water Regulators | ☐ Control Valve |

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VALVE DIVISION OF THE UNION CHAIN MANUFACTURING COMPANY

289 South St. Newark, N. J.
Represented in Principal Cities

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Union Chains for Every Application Drive and Conveying Chains and Sprockets

- Bridge Chains
- Combination Malleable Iron and Steel Chain
- H8 (hardened bearing) type chain
- SP (bar and pin) type chain

Finished Steel Roller Chains and Sprockets

- All manufacturer's standard, size 1/8 in. to 2 1/2 in. pitch
- Single and Multiple Strands
- Extended Pitch Series in sizes 1 1/8 in. to 4 in. pitch

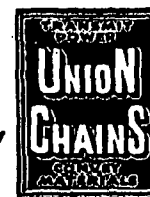
Silent Chain and Sprockets

- All sizes 1/8 in. to 1 1/2 in. pitch

Flexible Couplings

- Roller chain type
- Silent chain type

The Engineering Division of The Union Chain and Manufacturing Company devotes all its time and talent to a single objective: the most efficient and economical fabrication and application of sprocket chains and attachments for transmitting power and handling materials. We believe this technical specialization delivers a plus benefit to all our customers, both present and future, not the least of which is the ability of UNION CHAIN'S engineers to tackle successfully a challenging variety of unusual and difficult application problems.



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