

MONITORING THE FIELD

April, 1972

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Johnson Service Co., Milwaukee, Wis.

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Don't miss the cover photo and feature article on Page 77 of the April, 1972 issue of *Heating, Piping & Air Conditioning*.

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BE ON THE LOOKOUT!

Do not use the P-5217 pressure set point dial kits with the T-9000 (0-0.5" WG, 0-2" WG and 0-5" WG ranges, Code Numbers T-9000-77, -78 and -79, respectively). The scales were inadvertently printed in reverse. As soon as new dials are available, Field Engineering will accept for exchange dials already in the field (on a one-to-one basis).

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KIELEY & MUELLER, INC. - JOHNSON SERVICE

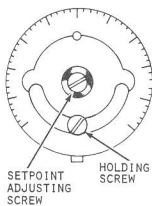
Johnson Service Company recently announced plans to acquire Kieley & Mueller, Inc., of Middletown, New York, a producer of diaphragm operated control valves, displacement liquid level controllers, pressure regulators, and miscellaneous accessories differing from equipment now manufactured by Johnson. The firm will be operated as a wholly-owned subsidiary.

Kieley & Mueller products are sold through a network of manufacturers' representatives and are used principally in the chemical, petrochemical, aerospace, and power generation industries.

In addition to its plants in Middletown and Houston, Kieley & Mueller operates a wholly-owned Canadian subsidiary, Kieley & Mueller of Canada Ltd., headquartered in Montreal.

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NEW SET POINT DIAL FOR T-9000



NOTICE: All T-9011's and T-9021's now being shipped to the field are furnished with an improved set point dial. The new dial is similar to the R-317 set point dial. It is expected to eliminate 80% of the damaged T-9000's which are returned to the factory because of dial slippage.

Adjustment: 1) Loosen the holding screw and rotate dial to actual value at transmitter sensing element and retighten holding screw; 2) turn set point adjusting screw to desired setting.

This new dial arrangement CANNOT be adapted to any T-9000's already in the field.

CLIP AND SAVE

Keep this list handy! The next time you find it necessary to contact someone at the main office regarding a specific application problem, these people will help you.

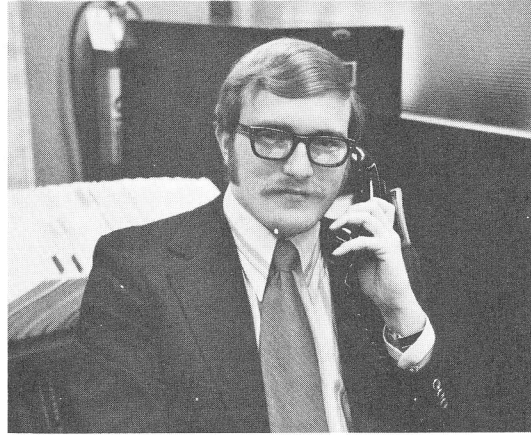
Air Supply Systems (Compressors & Accessories; Cleaning Systems)	Gene Strehlow Dennis Totzke
All-Air Systems Double Duct Mixing Boxes Variable Volume Systems	John Kettler
Branch Purchasing Directory	Dennis Totzke
Competitive Equipment	John Kettler Dennis Totzke
Construction	Arn Quakkelaar Clyde Frampton
Control Centers (CCSG)	Leon White
System Engineering; Contracts	Bill Mix
Training; Special Projects	Joel Richmond
JC/80	Lloyd Buck
T-6000, T-6700, JC/80	Mike Lynch Dave Podeszwa
T-6000, T-6500, JC/80	Gerry Gaffney
T-6500, JC/80	John Miller
Dampers & Damper Operators	Dennis Totzke Dale Hawley
Double Duct Orders	John Kettler Robert Stahl
Electric & Electronic Control Penn Electric Cybertronic	John Halverson Jim Greevers
Electric Heat	John Halverson Jim Greevers
Fan-Coil Units	Robert Weeks Dale Hawley
Filters	Gene Strehlow
Fluidics	John Kettler Robert Stahl
Heat Recovery Systems	John Kettler
Humidity	Gene Strehlow
IC ²	Gene Strehlow John Halverson
Induction Units	Robert Weeks Dale Hawley
Industrial Controls	Dennis Totzke
Inlet Vane Control - Fans	Dennis Totzke Dale Hawley
Monitoring The Field	M. B. McKibbin
Multi-Zone, Single-Zone & Rooftop Units	Robert Weeks Dale Hawley
Nuclear Power Plants	Dennis Totzke
Pneumatic Instruments	Robert Stahl
Publications (ER's, MTF, Master File Index)	M. B. McKibbin Kurt Meenk
Pyrotronics	John Kaiser Bill McGinty
Refrigeration Absorption Centrifugal Reciprocating	Gene Strehlow John Kettler
Security Systems	John Kaiser Bill McGinty
Special Equipment	Robert Stahl
Systems - Hot Water, Chilled Water, Steam	John Kettler Gene Strehlow
Technical Writing	Kurt Meenk Paul Lassanske
Training Schools	Paul Wichman
Unit Ventilators	Robert Weeks Dale Hawley
Valves	Robert Weeks Dale Hawley

WHO'S WHO ON FACTORY ROW

Field Engineer Gene Strehlow handles problems involving refrigeration, air compressors, air filters, humidity control and heating and cooling systems. He was in on the ground floor of the development of the IC² system and is thoroughly familiar with all aspects of the project. He is currently in the process of writing a detailed valve manual covering all Johnson valves.

Gene is contacted often by the branches. In soliciting cooperation from the field, he asks, "When seeking help with a problem, receive all suggestions with an open mind. Don't be narrow-minded and reject an idea before giving it proper consideration."

Gene earned his degree in electrical engineering at the Milwaukee School of Engineering and is now working toward a Master's degree. He is a member of Triangle Fraternity and I.E.E.E. Just recently he passed the Professional Engineers' Test for the state of Wisconsin.



Gene R. Strehlow, Field Engineer

Gene has somehow managed to remain single but next June he will take the big step and join the "League of Retired Bachelors." Until then his hobbies are hunting, fishing, water skiing and photography.

"\$UCCESS IS"

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... by and for the Johnson SERVICE Organization.

HATS OFF TO OUR FIELD MEN

Once again our men in the field have demonstrated that "Service" is our middle name. The proof is contained in the following comment from a satisfied customer, regarding the work performed by **SAM PARKINS, DENVER BRANCH.**



Mr. Robert Pagliasotti
Johnson Service Company
1440 South Lipan Street
Denver, Colorado 80223

Dear Mr. Pagliasotti:

I am writing to bring to your attention the excellent manner in which one of your employees, Mr. Sam Parkins, represented your company while providing repairs to a system at our facility.

Mr. Parkins not only was very attentive and concerned about our problem which had been going on for approximately four months but was very professional and competent in the way he resolved the problem and very frank in the manner in which he explained to us what our future responsibilities would be and the responsibilities that have been assumed by Johnson Service Company. Needless to say our temperature control problem was resolved to our satisfaction and because of the fine attitude and competence shown by Mr. Parkins we are also entering into a service agreement with your company for continued service on the equipment.

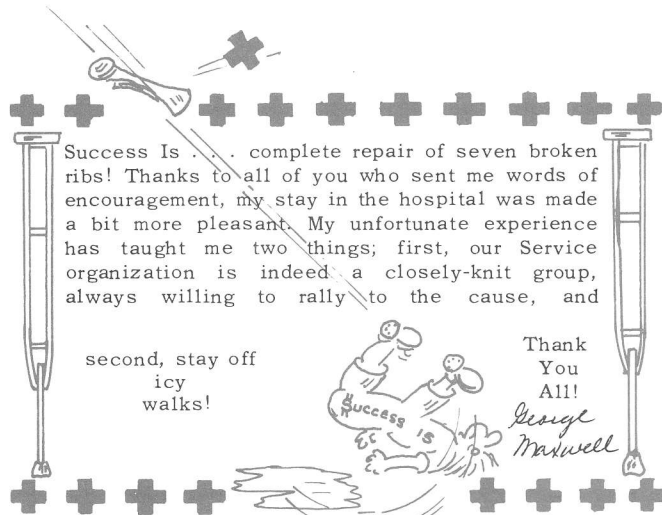
Too many times good employees do not receive comments when they perform their job in an exemplary manner. I want to be sure you are aware of Mr. Parkins' fine attitude and professional competence.

Sincerely
Eric W. Schmidt
Eric W. Schmidt
Vice President

825 SOUTH BROADWAY | BOULDER, COLORADO 80503 | 303 450 6200

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REMINDER: Now is the time of year to submit proposals to schools so they can be included in next year's budget.



QUALITY COUNTS!

TOTAL MAINTENANCE is designed to satisfy the owner's individual needs. This involves a team effort on the part of all branch personnel. Our **ROANOKE OFFICE** has found the secret of **SUCCESS**, as evidenced by the following letter:

WILLIAM R. KLEIN
MINISTER

Second Presbyterian Church
Roanoke, Virginia

Mr. H. M. Holland, Service Sales Manager
Johnson Service Company
2630 Broadway, S.W.
Roanoke, Virginia 24014

Dear Mr. Holland:

As you know, your company assumed the servicing of our air conditioning and a portion of our heating equipment as of April 1, 1971. It is believed the following information will be of interest to you.

From January 1, 1971 through March 31, 1971 another local company was performing this work. Our average monthly cost for the period was \$345.62.

As of April 1, 1971 your company assumed the service responsibility. From April 1, 1971 through September 30, 1971 our average cost was \$271.06. Thus, we had an average savings per month of \$74.56.

We have a rather sophisticated system, and while cost is an important factor, of equal importance to us is dependability. We have nothing but praise for you and the members of your service staff. Your promptness in answering service calls and making monthly equipment checks gives us a real sense of security.

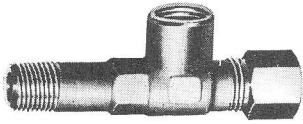
Still another factor has pleased us and that is the personal interest your service men have taken when not only performing equipment checks, but also when making necessary repairs.

It is hoped that our relationship with Johnson Service Company will continue indefinitely.

Henry E. Thomas, Administrator

IDEAS OF THE MONTH

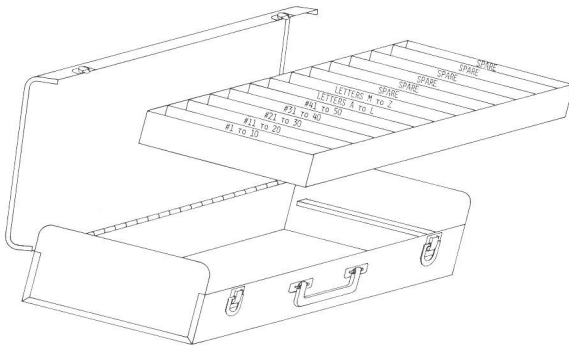
Modified Gage Tee



An award check for \$20.00 was recently presented to **Don Huizinga**, Mechanic in our **Grand Rapids, Michigan** Branch Office. Don suggested that flats be added to our standard gage tee T-800-1616 so that it can be turned into the body of an instrument with a wrench. Thank you, Don Huizinga, for being so alert!

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Brady Wire Marker Index



Another \$20.00 was sent to **John Mocan**, Electrician in our **Regina, Saskatchewan** Branch Office. John's idea for the Brady wire marker index has already resulted in considerable savings for the Regina Office.

The tray with markers rests on stoppers inside the box so that the cover holds the markers in place while in transport. The space in the bottom of the box can be used for extra cards and scissors, etc.

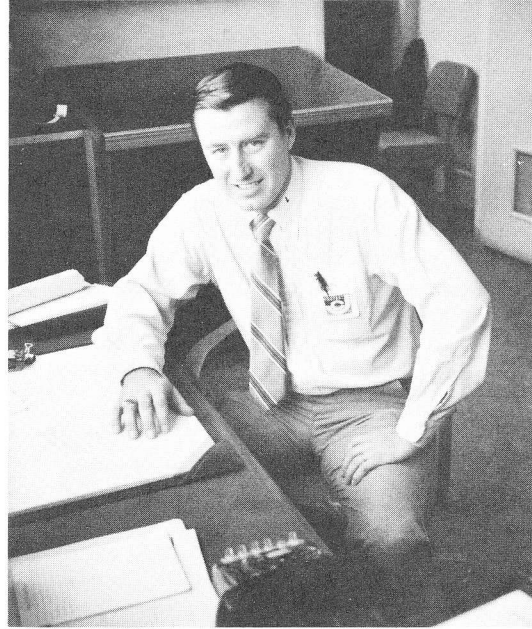
John finds using Brady single card numbers better than books because they are easier to locate when indexed, as shown in the diagram above. This system is more economical because the strips can be cut lengthwise, and only half a strip used on small diameter wire.

In addition, if a book is used it is necessary to start a new book when you run out of a number. With the Brady index method, you simply lift the tray and take out a new card and put it in the correct index slot.

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Construction News is contributed by the Central Construction Department and all correspondence concerning it should be directed to Clyde Frampton, 8-383, Milwaukee.

SPOTLIGHT ON CONSTRUCTION



William R. (Ralph) Broadwater, Jr.
Construction Manager
Atlanta Branch Office

It took Ralph Broadwater just six short years to make the climb from Steamfitter to Construction Manager in one of our larger branches, Atlanta. He was appointed to his present position in October of 1970.

Ralph handles all matters relating to construction. This especially includes coordinating materials and shipments. Twelve fitters and eight electricians make up the Atlanta Branch Office construction crew.

When Ralph first started with Johnson he took second place for the entire United States in the annual competition at Purdue University, Apprentice Pipefitting Division. For four years Ralph was an instructor at the Joint Apprenticeship and Training Trust. Twice a week he taught drafting, blueprint reading, pneumatic controls and basic electricity. He is a member of Atlanta Pipefitters Local #72.

Ralph and his wife are parents of two boys, Allen, 11 and Wayne, 8. In addition to golf, his hobbies are those he can share with his sons — Little League Baseball and Football. He was a coach for the Little League Football Team.

The Broadwaters have just finished building a new home. Ralph designed and drew up the plans for the house and also acted as his own engineer. (When he took the plans to an architect, the architect thought they were so good he asked permission to use them when he had a call for a similar home.)



TWO-WAY RADIOS

After extensive efforts, we are pleased to announce that Johnson Service Company has received an FCC license to operate nationally on 151.625 MHz business band. An FM transceiver manufactured by the E. F. Johnson Company, Waseca, Minnesota, has been judged best suited for the largest percentage of our requirements for communicating between the branch office and construction site or service truck. A number of options are available which make the transceiver usable in many applications.

The target price for the hand-held transceiver with telescoping antenna and rechargeable battery is approximately \$400.00 for each transceiver. Accessories are extra. For more information, contact our Purchasing Department in Milwaukee, mailing number 4-500.

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JOHNSON MECHANIC ACCEPTS MISSIONARY POST



The Chambers Family – Dan and Cecile with their son Kirk, age 8, and daughters Caroline, 3, Charlyn, 1 and Colleen, 6.

The family of Dan Chambers, Construction Mechanic in the Toledo Sales Office, has accepted a missionary post at the Toronto Christian Missions' European Centre for Evangelism. One of the largest undertakings of the European Centre is to further Christianity in the Communist countries. The Centre is located eighteen miles from Vienna, Austria. Dan, his wife and four children left for Vienna on the 27th of April.

One of the many things the Chambers family did to prepare for their assignment was to study German. As a means of practicing, the entire family spoke German at home whenever possible.

In Austria, their primary duty will be to transform an Austrian hunting lodge into a seventeen bedroom Christian Center. They will manage the Center and six adjacent buildings which will be used as a base of operation by other missionary families working in eastern Europe. The main building is heated by ceramic fireplaces in every room. Dan hopes to install a central heating system with Johnson controls.

The Toledo Office and all of us at Johnson join in wishing the Chambers family the best of everything in their new venture.

SAFETY FIRST!

Proper use of a ladder is largely a matter of common sense. However, since many of us tend to become lax from daily repetition of any activity, a review of the safety standards governing use of ladders is in order.

Step Ladders

- Ladders should not be over 20 feet in length at the side rails.
- Ladders which are in weak condition or are damaged should be discarded at once.
- Ladders in use should be opened to full width and should have a locking device or spreader to firmly hold front and back sections in position.

Extension Ladders

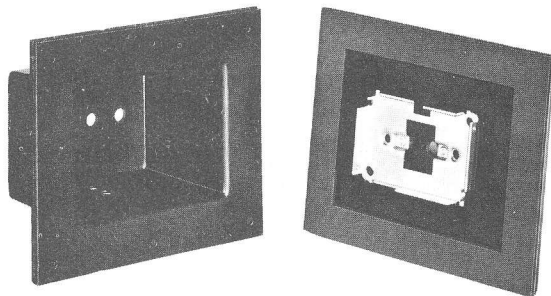
- Ladders should not be made of more than three sections.
- When fully extended, ladders should not exceed 55 feet in length.
- Each slide section should be raised or lowered by means of a rope and pulley and should be equipped with two automatic locks of approved design.

Straight Ladders

- Ladders should not be over 30 feet in length.
- The width between side rails at base should be not less than 12 inches for ladders up to 12 feet in length. Over 12 feet in length this width should be increased 1/4 inch for each additional foot of length.
- Ladders should be securely fastened or braced to prevent movement or shifting and should be equipped with safety feet.
- Ladders should be of sufficient length to extend not less than 42 inches above any platform or landing which they serve.
- Ladders should be maintained in good condition at all times. Weak ladders should be discarded.
- Ladders should not be spliced together to provide a longer ladder and should not be set on boxes or other objects to obtain additional height.

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INTRODUCING . . .



NOW AVAILABLE: The all-new M-4100 Duct Mounted Enclosure! The M-4100 is designed for mounting pneumatic humidity transmitters, electronic humidity elements, temperature controllers and sensing elements directly in a duct.

All the details, including dimensions, installation and ordering instructions, are contained in recently distributed Product Data Sheet M-4100. Code numbers and prices are listed on Page M-1-P in the Standard Equipment Book.