

WILKERSON®

Richland, MI 49083

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Installation & Service Instructions
83-181-000

Regulator Model R26
With Variations and Accessories

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WARNING

To avoid unpredictable system behavior that can cause personal injury and property damage:

- Disconnect electrical supply (when necessary) before installation, servicing, or conversion.
- Disconnect air supply and depressurize all air lines connected to this product before installation, servicing, or conversion.
- Operate within the manufacturer's specified pressure, temperature, and other conditions listed in these instructions.
- Medium must be moisture-free if ambient temperature is below freezing.
- Service according to procedures listed in these instructions.
- Installation, service, and conversion of these products must be performed by knowledgeable personnel who understand how pneumatic products are to be applied.
- After installation, servicing, or conversion, air and electrical supplies (when necessary) should be connected and the product tested for proper function and leakage. If audible leakage is present, or the product does not operate properly, do not put into use.
- Warnings and specifications on the product should not be covered by paint, etc. If masking is not possible, contact your local representative for replacement labels.

INSTALLATION

1. Install as close as possible to where regulated air is needed.
2. Install the unit with the air flowing through the body in the direction indicated by the arrow.
3. Install the same pipe size unit as the pipe line in use. Avoid using fittings, couplings etc. that restrict the airflow, unless maximum flow is not needed.
4. Regulator may be installed with the adjusting knob in any position. Attach gauge to one 1/4" female gauge port and plug the other 1/4" female port, or use it as a regulated outlet port.
5. Turning the adjusting screw clockwise increases the regulated pressure and turning it counterclockwise decreases the regulated pressure.
6. Panel mount regulators require a 17/8" diameter hole and are mountable on panels from 1/8" to 1/2" thick.

MAINTENANCE

1. The regulator can be disassembled for servicing without removal from line.
2. Occasionally remove bottom plug and clean plug, body and valve seat (vent air line on both sides of regulator).
3. TO DISASSEMBLE-shut off air to regulator and vent air line on both sides of regulator. Turn adjusting screw counterclockwise to relieve adjusting knob (panel mount nut, if used), tamper-resistant kit (on tamper-resistant models) and cover cap. Remove the six screws, cover and regulating spring. Diaphragm assembly can now be removed. By removing bottom plug and spring the valve stem can be removed from the bottom of the regulator
4. IF UNIT WILL NOT REGULATE TO DESIRED PRESSURE OR IF PRESSURE BECOMES EXCESSIVE remove bottom plug, spring, and valve assembly. Clean and check o-ring, valve stem and valve seat for water damage. Replace worn or damaged parts. Install Repair Kit No. RRP-95-951 for self-relieving models and Repair Kit No. RRP-95-950 for nonrelieving models for complete overhaul.
5. IF UNIT LEAKS AT RELIEF PORT, install proper repair kit as listed under Repair Kits and Replacement Parts.
6. TO REPLACE BODY O-RING-This o-ring is located above a metal washer through which the valve stem passes and which cannot be removed. Using a pointed probe of some kind, pull o-ring out. Force new o-ring through washer hole into o-ring cavity.

REPAIR KITS AND REPLACEMENT PARTS

SELF-RELIEVING REPAIR KIT

(includes self-relieving diaphragm assembly, valve assembly and o-rings) RRP-95-951

NONRELIEVING REPAIR KIT

(includes nonrelieving diaphragm assembly, valve assembly and o-rings) RRP-95-950

Self-Relieving Diaphragm Kit RRP-96-238

Nonrelieving Diaphragm Kit RRP-96-332

Valve Assembly (valve stem, valve spring) RRP-96-294

Regulating Springs:

0-60 psi RRP-95-962

0-125 psi GRP-95-225

0-250 psi RRP-95-219

Adjusting Knob Assembly RRP-95-023

ACCESSORIES

Panel Mount Nut RRP-95-954

Wall Mounting Bracket RPA-95-947

Wall Mounting Bracket (for 26 Series Combo's) GRA-95-956

Tamper Resistant Kit RPA-95-006

Gauges:

0-60 psig K4520N14060

0-160 psig K4520N14160

0-300 psig K4520N14300

WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.**

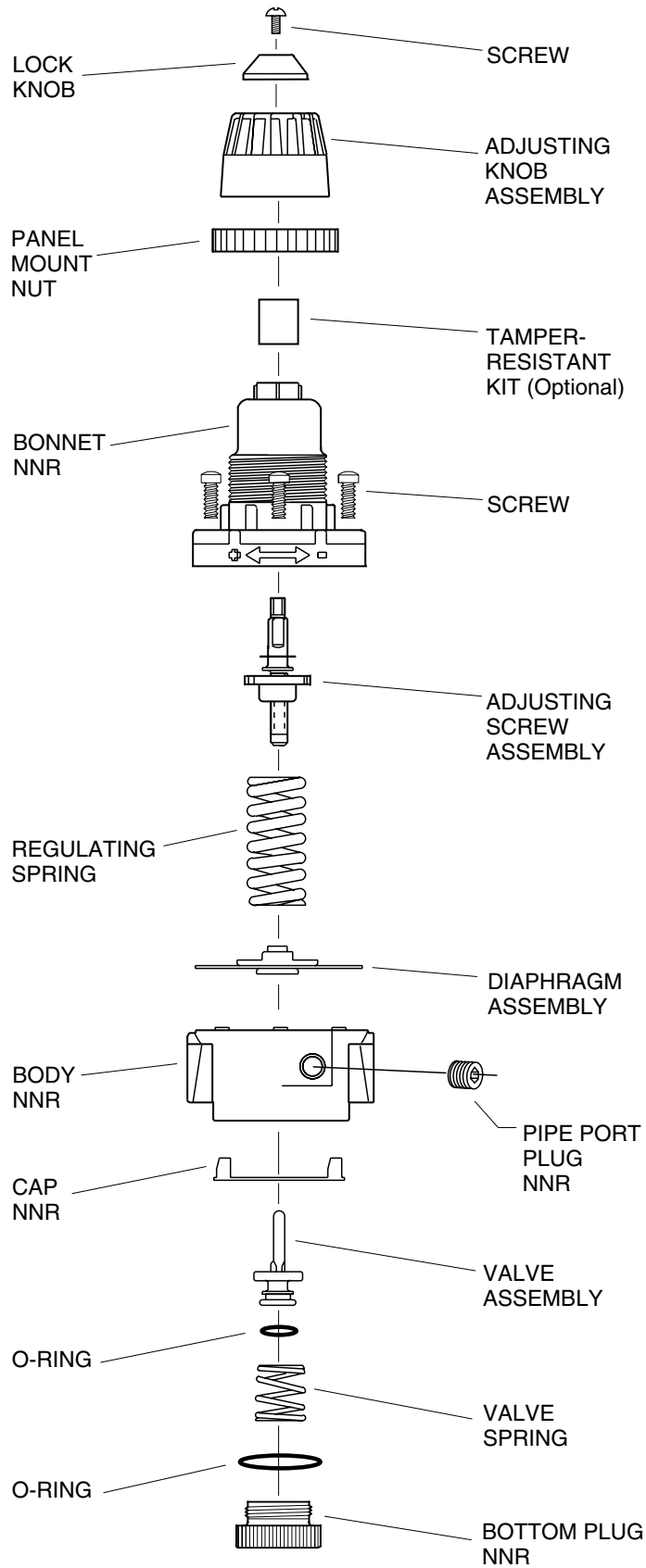
WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from The Company, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application, including consequences of any failure and review the information concerning the product or systems in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by The Company and its subsidiaries at any time without notice.

EXTRA COPIES OF THESE INSTRUCTIONS ARE AVAILABLE FOR INCLUSION IN EQUIPMENT / MAINTENANCE MANUALS THAT UTILIZE THESE PRODUCTS. CONTACT YOUR LOCAL REPRESENTATIVE.



NNR=NOT NORMALLY REPLACED