

## HAR-506 (13-0045) AIR REGULATOR

### IMPORTANT:

Read and follow all instructions and SAFETY PRECAUTIONS before using this equipment. Retain for future reference.

### WARNING

Risk of personal injury.  
 Risk of property damage.

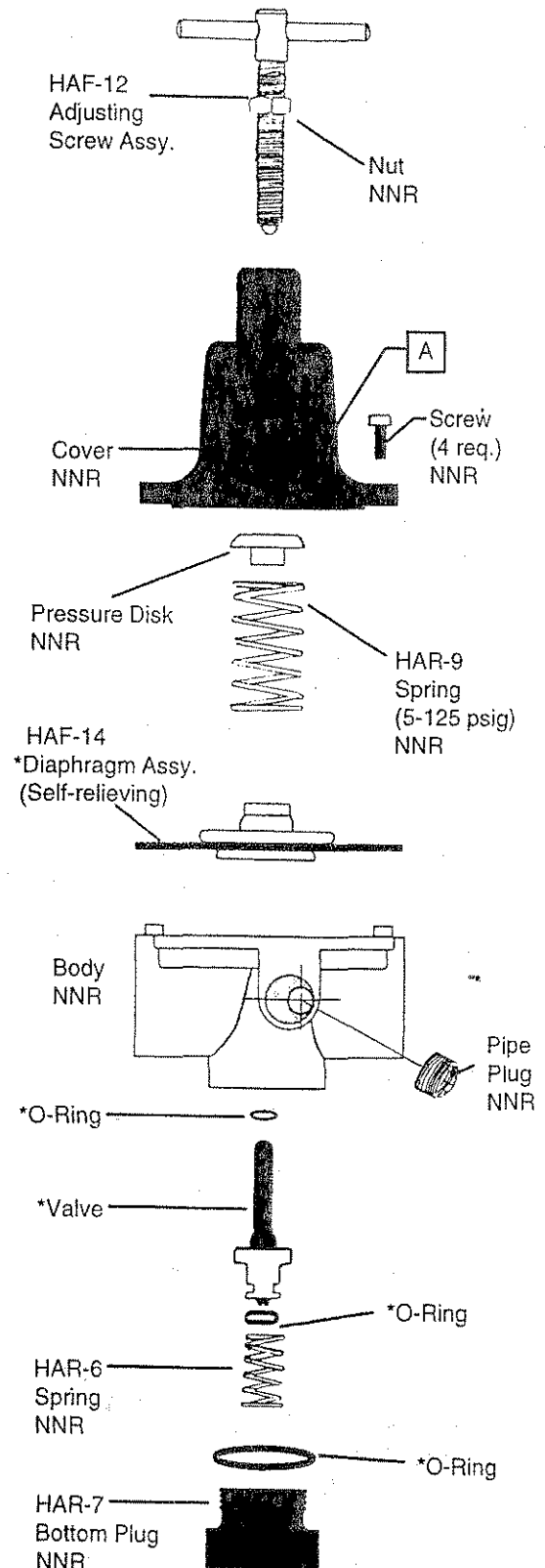
Except as otherwise specified by the manufacturer, this product is specifically designed for compressed air service and use with any other fluid (liquid or gas) is a misapplication. For example, use with or injection of certain hazardous gases in the system (such as oxygen or liquid petroleum gas) could be harmful to the unit or result in a combustible condition that may cause fire or explosion. Manufacturer's warranties are void in the event of misapplication and manufacturer assumes no responsibility for any resulting loss.

### DESCRIPTION

This regulator has been designed to receive air at main line pressure and to deliver it at a desired lower regulated pressure.

### Specifications

Air inlet	3/8" NPT(F)
Air outlet	1/4" NPT(F) (3 Ea.)
Air Capacity	50 CFM
Maximum Temp.	150° F
Max. Inlet Pressure	150 psi
Regulator range	0-125 psi



\*Included in Repair Kit HAF-13 (19-0734).  
 NNR - Not normally replaced

**INSTALLATION**

1. Maximum inlet pressure and operating temperature ratings are 150 psig and 150° F (intermittent to 180° F).
2. Install as close as possible to where regulated air is needed.
3. Install the unit with the air flowing through the body in the direction indicated by the arrow.
4. 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.
5. Regulator may be installed so that adjusting handle is in any position. Attach gauge to one 1/4" female port, or use it as a regulated outlet port.
6. Turning the adjusting screw clockwise raises the regulated pressure and turning it counterclockwise lowers the regulated pressure.

**MAINTENANCE**

1. Occasionally remove bottom plug and clean plug, body and valve seat.
2. **To disassemble** - shut off air to regulator and vent air line on both sides of regulator. Turn adjusting screw counterclockwise to relieve compression on the spring. Remove screws, cover, spring and pressure disk. Diaphragm assembly can now be removed. By removing bottom plug and spring, the valve can be removed from the bottom of the regulator.
3. If unit will not regulate to pressure needed, or if pressure becomes excessive - remove bottom plug, spring and valve. Clean and check O-Ring, valve stem and valve seat for wear or damage. Replace worn or damaged parts. Install repair Kit No. HAF-13 for complete overhaul.
4. If unit leaks at relief port (A), install repair kit HAF-14.
5. When replacing diaphragm assembly - the HAF-14 diaphragm assembly includes a relieving disk seal (not shown) installed.

**SERVICE LITERATURE REVISIONS**

Refer to the following chart for Part No./Literature changes.

Part Number Changes		Interchangeability	Literature Changes
Old Part Number	New Part Number		
	HAR-9 Spring (5-125 psig)	Now saleable.	Revised Worldwide Sales and Service listing..

**WARRANTY**

This product is covered by DeVilbiss' 1 Year Limited Warranty. See SB-1-000 which is available upon request.

**WORLDWIDE SALES AND SERVICE LISTING**

**DeVILBISS INDUSTRIAL SPRAY EQUIPMENT**

DeVilbiss has authorized distributors throughout the world. For equipment, parts and service, check the Yellow Pages under "Spray Equipment." If further assistance is required, write or call one of the following DeVilbiss Distribution Centers or Sales Offices nearest you.

**FOR TECHNICAL ASSISTANCE, CALL TOLL FREE 1-800-338-4448 (U.S.A. ONLY). FOR LOCAL CALLS, SEE LISTING BELOW.**

<b>U.S./Canada Sales &amp; Customer Service Office</b>	<b>Address</b>	<b>Telephone No.</b>
MAUMEE, OH 43537	1724 Indian Wood Circle	(419) 891-8200
		Toll Free Fax No. 1-800-338-0131

**DeVILBISS AUTOMOTIVE REFINISHING**

DeVilbiss has authorized distributors throughout the world. For equipment, parts and service, check the Yellow Pages under "Automobile Body Shop Equipment and Supplies". If further assistance is required, write or call one of the following DeVilbiss Distribution Centers or Sales Offices nearest you.

**FOR TECHNICAL ASSISTANCE, CALL TOLL FREE 1-800-445-3988 (U.S.A. ONLY). FOR LOCAL CALLS, SEE LISTING BELOW.**

<b>U.S. Customer Service Office</b>	<b>Address</b>	<b>Telephone No.</b>
MAUMEE, OH 43537	1724 Indian Wood Circle	General Inquiry (419) 891-8100
		Toll Free Fax No. 1-800-445-6643

