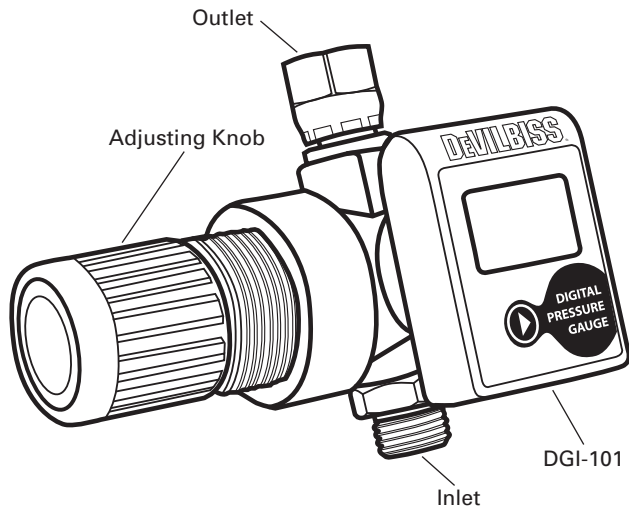


## HARG-555 AIR REGULATOR AND DIGITAL GAUGE ASSEMBLY



**IMPORTANT:** Read and follow all **Instructions** and **Safety Precautions** before installing, operating or maintaining this equipment. Keep this manual for future reference.



**WARNING**

Improper use can cause bodily injury or equipment damage. Read the following:

- This air regulator and gauge assembly is intended only for use in general service air systems. Do not use for liquids or gases other than air.
- Do not use where pressure or temperature can exceed rated operating conditions (see specifications).
- Regulated outlet pressure must never be set higher than the maximum operating pressure of the downstream air tool or equipment. An outlet pressure gauge should always be used.

**CAUTION**

The accuracy of the indication of pressure gauges can change during shipment and normal use. If gauge accuracy is necessary for preventing risks of injury or property damage, the gauge should be checked before use and on a routine periodic basis. (See ANSI B40-1974 for gauge standards.)

### SPECIFICATIONS

Type	Diaphragm, relieving
Inlet Size (Nipple)	1/4" NPS(M)
Outlet Size (Swivel Adapter)	1/4" NPS(F)
Gauge Port Size (two) in Regulator	1/8" NPT(F)
Gauge Range	2.5-160 PSIG
Gauge Auto Off	After 60 seconds (conserves battery life)

#### Rated Operating Conditions:

Inlet Pressure	300 PSIG max.
Temperature	0° to 150° F with dewpoint less than air temp. below 35° F

Outlet pressure adjustment range 5 to 100 PSIG.\*

#### \*Note

**This range is not minimum or maximum outlet pressure limit for the regulator. The regulator can be adjusted to zero PSIG outlet pressure and to pressures higher than 100 PSIG. However, this regulator should not be used to control pressures outside this specified range.**

Class 1, Division 1, Groups A-D, T6, Exi

Rated — 3 VDC

INTRINSICALLY SAFE AND SÉCURITÉ INTRINSÈQUE

### CONSTRUCTION MATERIALS

Bonnet and Valve Seat	Acetal
Diaphragm	PTFE/Buna-N/PTFE
Body	Zinc
Valve	Brass/Buna-N

### DESCRIPTION

This unit is used in a compressed air system to maintain a nearly constant outlet pressure despite change in inlet air pressure and changes in downstream flow requirements. It is also used for finer control of air at the spray device. The air setting can be locked in place by pushing the adjusting knob downward.

### CALIBRATION INSTRUCTIONS

1. Relieve air pressure.
2. Press ► button to turn on gauge.
3. Press and hold ► button for 3 seconds.
4. Display shows --.--
5. Release button when 0.0 is displayed.



## INSTALLATION

1. Install regulator as close as possible to the device being serviced. Regulator can be installed at any angle.
2. In systems with a cyclic demand, install regulator upstream of cycling control valves.
3. Air line piping should be same size as regulator ports.
4. Air flow must be in same direction as arrow on bottom of regulator body.

## OPERATION

1. Before turning on system air pressure, turn adjusting knob full counterclockwise. This will close regulator to produce zero air pressure. The knob is locked in position when pushed downward towards the regulator body.
2. Turn on system air pressure.
3. Turn regulator adjusting knob clockwise until desired outlet pressure is reached.
4. To avoid minor readjustment after making a change in pressure setting, always approach the desired pressure from a lower pressure. When reducing from a higher to a lower setting, first reduce to some pressure less than that desired, then bring up to the desired point. Lock the pressure setting by pushing the knob downward.

## WARRANTY

This product is covered by DeVilbiss' 1 Year Limited Warranty.

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DeVilbiss has authorized distributors throughout the world. For equipment, parts and service, check the Yellow Pages under "Automotive Body Shop Equipment and Supplies." For technical assistance, see listing below.

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Toll-Free Telephone: 1-800-445-3988 (U.S.A. and Canada only)  
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