



## SERIES 2000 | MAGNEHELIC® DIFFERENTIAL PRESSURE GAGE

### FEATURES/BENEFITS

- Easy to read gage through undistorted plastic face permits viewing from far away
- Patented design provides quick response to pressure changes means no delay in assessing critical situations
- Durable and rugged housing and high-quality components combine to provide long service life and minimized down-time

### APPLICATIONS

- Filter monitoring
- Air velocity with Dwyer Pitot tube
- Blower vacuum monitoring
- Fan pressure indication
- Duct, room, or building pressures
- Clean room positive pressure indication

### DESCRIPTION

Select the **SERIES 2000** Magnehelic® Gage for a versatile low differential pressure gauge with a wide choice of 81 models and 27 options to choose from. Using Dwyer's simple, frictionless Magnehelic® gage movement, it quickly indicates air or noncorrosive gas pressures - either positive, negative (vacuum) or differential. The design resists shock, vibration, over-pressures and is weatherproof to IP67.



Note: Shown with optional -SS bezel

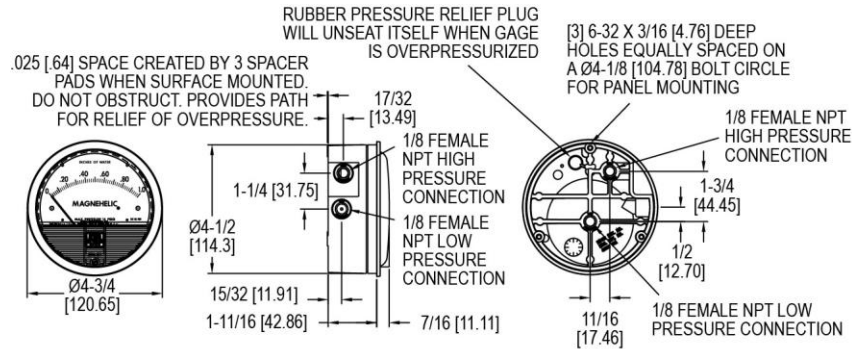
### SPECIFICATIONS

<b>Service</b>	Air and non-combustible, compatible gases (natural gas option available). <b>Note:</b> May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.
<b>Wetted Materials</b>	Consult factory.
<b>Housing</b>	Die cast aluminum case and bezel, with acrylic cover, Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
<b>Accuracy</b>	±2% of FS (±3% on -0, -100PA, -125PA, -10MM and ±4% on -00, -60PA, -6MM ranges), throughout range at 70°F (21.1°C).
<b>Pressure Limits</b>	20 in Hg to 15 psig (-0.677 bar to 1.034 bar); MP option; 35 psig (2.41 bar), HP option; 80 psig (5.52 bar).
<b>Enclosure Rating</b>	IP67.
<b>Overpressure</b>	Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See Overpressure Protection note on Catalog page.
<b>Temperature Limits</b>	20 to 140°F (-6.67 to 60°C). -20°F (-28°C) with low temperature option.
<b>Size</b>	4" (101.6 mm) diameter dial face.
<b>Mounting Orientation</b>	Diaphragm in vertical position. Consult factory for other position orientations.
<b>Process Connections</b>	1/8" female NPT duplicate high and low pressure taps - one pair side and one pair back.
<b>Weight</b>	1 lb 2 oz (510 g); MP & HP 2 lb 2 oz (963 g).
<b>Standard Accessories</b>	Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adapters and three flush mounting adapters with screws. (Mounting and snap ring retainer substituted for three adapters in MP & HP gage accessories).
<b>Agency Approvals</b>	Meets the technical requirements of EU Directive 2011/65/EU (RoHS II). Note: -SP models not RoHS approved.
<b>Note:</b> For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Options page.	





## DIMENSIONS



## HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code

2002		-ASF	
<b>SERIES/RANGE*</b>			<b>OPTIONS</b>
<b>in w.c./mm w.c.</b>	<b>Pa</b>	<b>kPa</b>	<b>-ASF</b> - Adjustable signal flag
2000-00 - 0-0.25 in w.c.	2000-60NPA - 10-0-50 Pa	2000-1KPA - 0-1 kPa	<b>-AHU1</b> - Mounting plate
2000-00N - 0.5-0-0.2 in w.c.	2000-60PA - 0-60 Pa	2000-1.5KPA - 0-1.5 kPa	<b>-AHU2</b> - Mounting plate w/ A-481 accessory kit
2000-0 - 0-0.5 in w.c.	2000-100PA - 0-100 Pa	2000-2KPA - 0-2 kPa	<b>-BUNA</b> - Buna-N elastomers
2001 - 0-1 in w.c.	2000-125PA - 0-125 Pa	2000-3KPA - 0-3 kPa	<b>-CB</b> - Chrome bezel
2002 - 0-2 in w.c.	2000-250PA - 0-250 Pa		<b>-FC</b> - Factory calibration
2003 - 0-3 in w.c.	2000-300PA - 0-300 Pa		<b>-HA</b> - High accuracy
2004 - 0-4 in w.c.	2000-500PA - 0-500 Pa		<b>-M</b> - Mirrored scale overlay
2006 - 0-6 in w.c.	2300-60PA - 30-0-30 Pa		<b>-SB</b> - 304 stainless steel bezel
2010 - 0-10 in w.c.	2300-100PA - 50-0-50 Pa		<b>-SS</b> - Brushed 304 stainless steel bezel
2000-6MM - 0-6 mm w.c.	2300-120PA - 60-0-60 Pa		
2000-50MM - 0-50 mm w.c.			
2300-12MM - 6-0-6 mm w.c.			

\*Only our most popular models and options are listed. For additional available models, please visit: <https://www.dwyer-inst.com/Product/Pressure/DifferentialPressure/Gages/Series2000>

## ACCESSORIES

Model	Description
A-320-A	Enclosure for Series 2000 Magnehelic® gages, DM-2000 differential pressure transmitter, 4-9/16" (115.89 mm)
A-464	Flush Mount kit for Magnehelic® gages
A-610	Pipe mounting kit for 1-1/4" to 2" pipe. 5.6" x 4.6" x 1.4", 1.0 lb
A-300	Flat aluminum bracket for flush mounting Magnehelic® gage. 6.8" x 6.0" x .1", .35 lb
A-299	Mounting bracket flush mount Magnehelic® gage in bracket. Bracket is then surface mounted. Steel with gray hammertone epoxy finish. 6.3" x 7.7" x 4.0", 1.30 lb

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.

