



Dwyer Magnehelic drukverschilmanometer

De Dwyer Magnehelic is een drukverschil manometer voor het meten van druk, onderdruk en drukverschil van lucht met een nauwkeurigheid boven de 2%. Ideaal voor filterbewaking in ventilatiesystemen. De ingenieuze magnetische overbrenging maakt de manometer schok- en trilling bestendig. De Magnehelic serie 2000 wordt standaard geleverd met bevestigingsmateriaal en slangpilaren.

Standaard modellen

Model	Range Inches of Water	Model	Range PSI	Model	Range MM of Water	Model	Range, kPa	Dual Scale Air Velocity Units For use with pitot tube		
2000-00N†	0.05-0-2	2201	0-1	2000-6MM†	0-6	2000-0.5KPA	0-0.5	Model 2000-00AV†	Range in W.C./ Velocity F.P.M.	
2000-00†	0-25	2202	0-2	2000-10MM†	0-10	2000-1KPA	0-1			
2000-01†	0-50	2203	0-3	2000-15MM	0-15	2000-1.5KPA	0-1.5			
2001	0-1.0	2204	0-4	2000-25MM	0-25	2000-2KPA	0-2			
2002	0-2.0	2205	0-5	2000-30MM	0-30	2000-2.5KPA	0-2.5			
2003	0-3.0	2210*	0-10	2000-50MM	0-50	2000-3KPA	0-3			
2004	0-4.0	2215*	0-15	2000-80MM	0-80	2000-4KPA	0-4			
2005	0-5.0	2220*	0-20	2000-100MM	0-100	2000-5KPA	0-5			
2006	0-6.0	2230**	0-30	2000-125MM	0-125	2000-8KPA	0-8			
2008	0-8.0	Model 2000-15CM	Range, CM of Water	2000-150MM	0-150	2000-10KPA	0-10			
2010	0-10			2000-200MM	0-200	2000-15KPA	0-15			
2012	0-12			2000-250MM	0-250	2000-20KPA	0-20			
2015	0-15			2000-300MM	0-300	2000-25KPA	0-25			
2020	0-20			Zero Center Ranges		2000-30KPA	0-30			
2025	0-25			2300-6MM†	3-0-3	Zero Center Ranges				
2030	0-30			2300-10MM†	5-0-5	2300-1KPA	1.5-0-1.5			
2040	0-40			2300-20MM†	10-0-10	2300-2KPA	1.0-0-1			
2050	0-50			2000-100CM	0-100	2300-2.5KPA	1.25-0-1.25			
2060	0-60			2000-150CM	0-150	2300-3KPA	1.5-0-1.5			
2080	0-80			2000-200CM	0-200	Dual Scale English/Metric Models				
2100	0-100			2000-250CM	0-250	Model	Range, in w.c.	Range, Pa or kPa		
2120	0-120			2000-300CM	0-300	2000-00D†	0-25	0-62 Pa		
2150	0-150			Zero Center Ranges		2000-125PA†	0-125	2000-0D†	0-0.5	0-125 Pa
2160	0-160			2300-4CM	2-0-2	2000-250PA	0-250	2001D	0-1.0	0-250 Pa
2180*	0-180			2300-10CM	5-0-5	2000-300PA	0-300	2002D	0-2.0	0-500 Pa
2250*	0-250			2300-30CM	15-0-15	2000-500PA	0-500	2003D	0-3.0	0-750 Pa
Zero Center Ranges				2000-750PA	0-750	2004D	0-4.0	0-1.0 kPa		
2300-00†	0.125-0-0.125	†These ranges calibrated for vertical scale position. • Accuracy +/-3% • Accuracy +/-4% *MP option standard **HP option standard		2000-1000PA	0-1000	2005D	0-5.0	0-1.25 kPa		
2300-01†	.25-0-.25			Zero Center Ranges		2006D	0-6.0	0-1.5 kPa		
2301	.5-0-.5			Model	Range, Pa	2008D	0-8.0	0-2.0 kPa		
2302	1-0-1			2300-60PA†	30-0-30	2010D	0-10	0-2.5 kPa		
2303	2-0-2			2300-100PA†	50-0-50	2015D	0-15	0-3.7 kPa		
2304	5-0-5			2300-120PA	60-0-60	2020D	0-20	0-5 kPa		
2310	10-0-10			2300-200PA	100-0-100	2025D	0-25	0-6.2 kPa		
2320	15-0-15			2300-250PA	125-0-125	2050D	0-50	0-12.4 kPa		
2330				2300-300PA	150-0-150	2060D	0-60	0-15 kPa		
				2300-500PA	250-0-250					
				2300-1000PA	500-0-500					

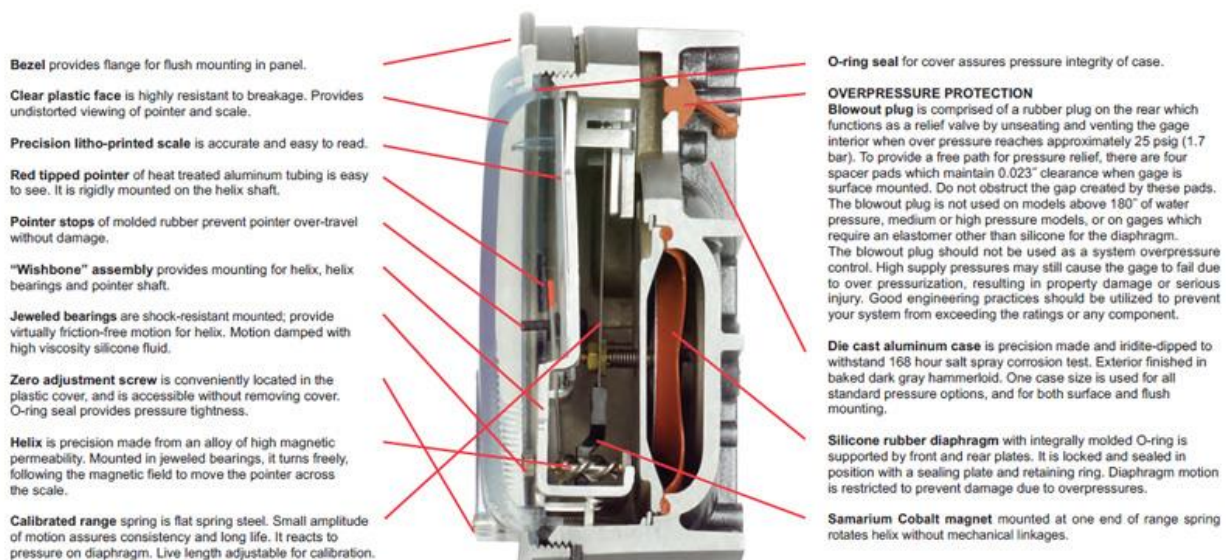
De Magnehelic is er in talloze meetbereiken en schalen, zoals; Pascal, millimeter waterkolom, inches waterkolom, millibar en nog veel meer. Om een duidelijke indicatie te geven van de grenswaardes kan de Magnehelic optioneel worden voorzien van rode, groene en/of gele markering op de schaal. Ook is er een speciale uitvoering met een LED setpoint indicator, waarbij er een rode LED gaat branden bij overschrijding van de grenswaarde.

Technische specificaties

Service:	Air and non-combustible, compatible gases. (Natural Gas option available.)
Note:	May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.
Wetted Materials:	Consult factory.
Housing:	± cast aluminum case and bezel, with acrylic cover, Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
Accuracy:	±2% of FS (±3% on -0, -100PA, -125PA, -10MM and ±4% on -00, -60PA, -6MM ranges), throughout range at 70°F (21.1°C).
Pressure Limits:	-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).
Overpressure:	Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See Overpressure Protection note on Catalog page.
Temperature Limits:	20 to 140°F.* (-6.67 to 60°C).
Size:	4" (101.6 mm) diameter dial face.
Mounting Orientation:	Diaphragm in vertical position. Consult factory for other position orientations.
Process Connections:	1/8" female NPT duplicate high and low pressure taps - one pair side and one pair back.
Weight:	1 lb 2 oz (510 g); MP & HP 2 lb 2 oz (963 g).
Standard Accessories:	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.)
Agency Approval:	RoHS. (Note: -SP models not RoHS approved.)

†For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Options Page.

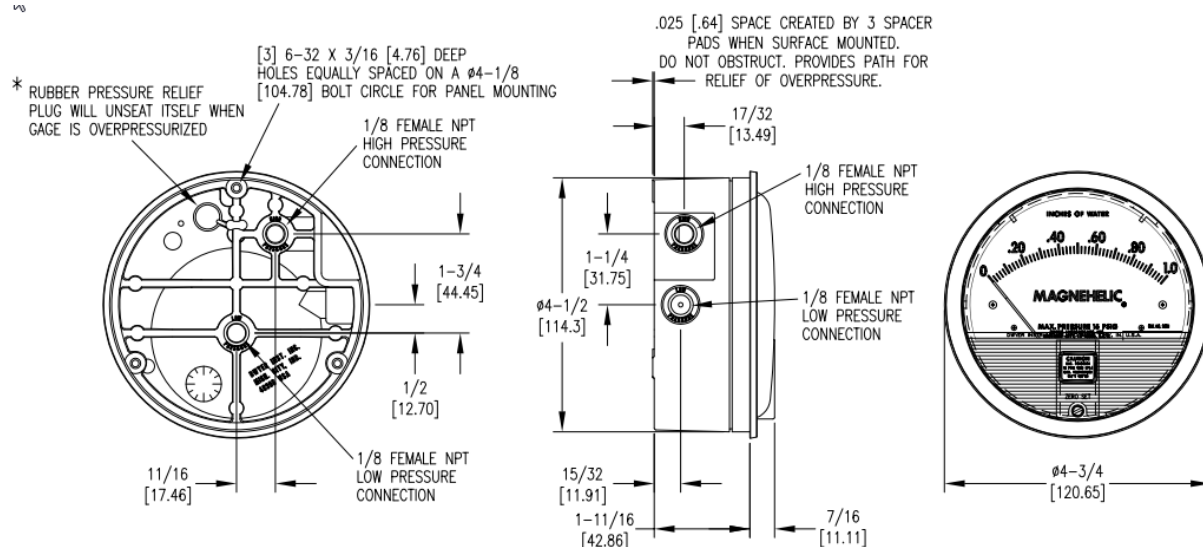
*Low temperature models available as special option.



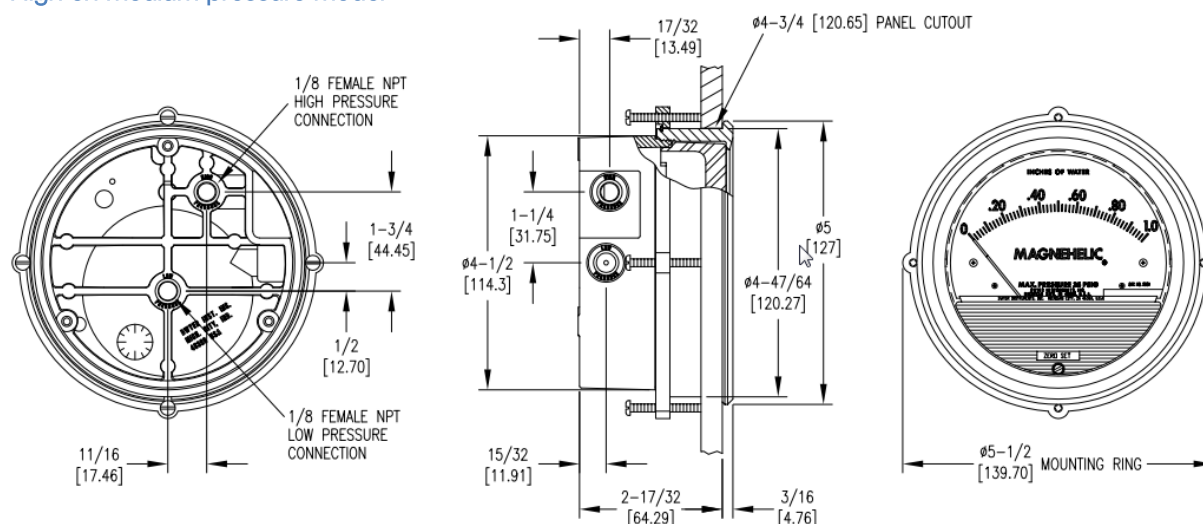
Afmetingen

Standaard model

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High en medium pressure model



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meer daadkracht