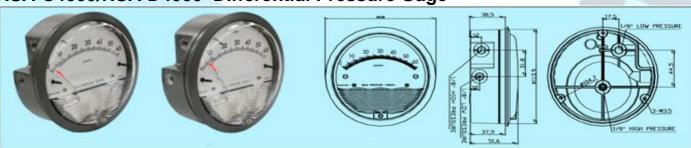


# A mais completa em soluções para HVAC e Automação.

# RSA-C4000/RSA-D4000 Differential Pressure Gage



## **Applications & Features**

- They can measure system pressure of fan, blower, filter, furnace draft and orifice plates. And they can also measure pressures in various clean room, bio-safety cabinet, clean bench, industrial cleaner, medical equipment, air sampler, pharmaceutical and grain & food machine, etc.
- 63 models available for different ranges and units for various applications
- With simple and frictionless movement, it quickly indicates air or gas pressure, either positive, negative or differential
- The design resists shock, vibration and over pressures
- Ultra-thin design: the flushed part is only 38.5mm, and the overall thickness is only 52.2mm
- Patented state of art wave shape decorative front cover
- Standard accuracy up to 2% and high accuracy up to 1%FS
- Optional mirror scale overlay eliminating parallax reading error and corrosion resistant brushed 304 SS bezel
  RSA-C4000 has very fine parts and assembly procedures to ensure extraordinary accuracy, stable and reliable for long term application. Each one have a Test Report for multiple points and precision packing. While RSA-D4000 have simplified assembly and testing procedures without the report

### Specifications

**Service:** Air and non-combustible compatible gases **Housing:** Die cast aluminum case and bezel, with PC cover **Protection:** IP67 Accuracy: ±2%FS (±3% on 125Pa, ±4% on 60Pa) @21°C

Pressure Limits: -70 to 100 KPa

Size: 101.5mm (4") diameter dial face, 115.5 mm (4-9/16") dia.

opening for flush mount

Temperature Limits: -7 to 60°C (20 to 140°F) Connections: 1/8" NPT female high and low pressure taps, duplicated, one pair side and one pair back

Weight: 440g

Mounting method: Flush or surface in vertical position

Standard accessory: Model A-S10, including two 1/8"NPT pipe plugs, two1/8" NPT to 3/16" rubber tubing adapters and three flush mounting adapters with screws

Other Accessories: sold separately, see Accessories

Approval: RoHS (RSA-C4000)

## Models (For RSA-C4000, use D instead for D4000 series)

Models (1 of 1/3A-	04000, usc B II	131000 101 104000	301103)	
Model Number	Range Pa	Model Number	Range in wc	
RSA-C4000-60NPa**	10-0-50	RSA-C4000-00N**	0.05-02	
RSA-C4000-60Pa**	0-60	RSA-C4000-00**	025	
RSA-C4000-125Pa*	0-125	RSA-C4000-0*	050	
RSA-C4000-250Pa	0-250	RSA-C4001	0-1.0	
RSA-C4000-500Pa	0-500	RSA-C4002	0-2.0	
RSA-C4000-750Pa	0-750	RSA-C4003	0-3.0	
Zero Center Ranges Pa		RSA-C4004	0-4.0	
RSA-C4600-60Pa**	30-0-30	RSA-C4005	0-5.0	
RSA-C4600-120Pa*	60-0-60	RSA-C4006	0-6.0	
RSA-C4600-250Pa	125-0-125	RSA-C4008	0-8.0	
RSA-C4600-500Pa	250-0-250	RSA-C4010	0-10	
Model Number	Range kPa	RSA-C4012	0-12	
RSA-C4000-1KPa	0-1	RSA-C4015	0-15	
RSA-C4000-1.5KPa	0-1.5	RSA-C4020	0-20	
RSA-C4000-2KPa	0-2	RSA-C4025	0-25	
RSA-C4000-3KPa	0-3	RSA-C4030	0-30	
RSA-C4000-4KPa	0-4	RSA-C4040	0-40	
RSA-C4000-5KPa	0-5	Zero Center Rang	nter Ranges in wc	
RSA-C4000-8KPa	0-8	RSA-C4600-00**	.125-0125	
RSA-C4000-10KPa	0-10	RSA-C4600-0*	.25-025	
Zero Center Ranges kPa		RSA-C4301	.5-05	
RSA-C4600-1KPa	.5-05	RSA-C4302	1-0-1	
RSA-C4600-2KPa	1.0-0-1.0	RSA-C4304	2-0-2	
Model Number	Range mm wc	RSA-C4310	5-0-5	
RSA-C4000-6MM**	0-6			
RSA-C4000-10MM*	0-10	Model Number	Range cm wc	
RSA-C4000-15MM*	0-15	RSA-C4000-15CM	0-15	
RSA-C4000-25MM	0-25	RSA-C4000-20CM	0-20	
RSA-C4000-30MM	0-30	RSA-C4000-25CM	0-25	
RSA-C4000-50MM	0-50	RSA-C4000-50CM	0-50	
RSA-C4000-80MM	0-80	RSA-C4000-80CM	0-80	
RSA-C4000-100MM	0-100	RSA-C4000-100CM	0-100	
Zero Center Ranges mm wc		Zero Center Ranges cm wc		
RSA-C4600-6MM**	3-0-3	RSA-C4600-4CM	2-0-2	
RSA-C4600-10MM*	5-0-5	RSA-C4600-10CM	5-0-5	
RSA-C4600-20MM	10-0-10	RSA-C4600-20CM	10-0-10	
**Accuracy 4%: *Accuracy 3%: others accuracy 2%				

<sup>\*\*</sup>Accuracy 4%; \*Accuracy 3%; others accuracy 2%

#### Options:

- 1. Mirror Scale: Eliminates parallax reading error, to order add suffix M.
- 2. Brushed 304 SS Bezel: Corrosion resistant bezel, to order add suffix S.
- 3. High Accuracy Calibration(only for RSA-C4000): Calibrated to accuracy 2%/1.5/1% respectively, which are as twice as standard gages, with Mirror Scale and Calibration Certificate, to order add suffixH.



Mirror scale High accuracy calibration Brushed SS bezel