

# 1700 Series Regulators

## Single Stage Regulators



1767



1768



1781



1782

Calgaz, the world's leading manufacturer of calibration gases and equipment is proud to offer the most comprehensive range of specialist regulators for non-refillable and portable gas cylinders.

The 1700 series regulators are designed to provide an adjustable flow rate and are typically used with low ppm reactive gases and other high purity gas mixtures. The 1767 model and 1781 models are preset at the production facility to a user specified flow rate between 0.1 LPM - 6.0 LPM.

The 1768 Model and 1782 model can be adjusted on site by the user. The units are supplied with an easily adjustable outlet flow controller. The flow controller permits adjustment of flows to any point between 0.3 – 2.0 LPM.

The 1700 series regulators are designed for use with the Calgaz 2AL, 8AL, 10AL, and 6D cylinders.

All regulators carry a 24 month warranty and we recommend replacing them after 2 years of service and can often be shipped to you the next working day. Contact us to find out more information.

If you want to find out more information or get a quote,  
please contact us at: [info@calgaz.com](mailto:info@calgaz.com)

## PERFORMANCE

	Inlet	Outlet	Flow Rate	Flow Rate Control	Stages	Max Inlet Pressure	Gauge/Knob
<b>1767</b>	5/8" - 18 UNF	4.8mm (3/16") Tubing	0.1 to 6.0 LPM	Factory Preset	1	70 Bar (1000 Psi)	0-70 Bar (0-1000 Psi)
<b>1768</b>	5/8" - 18 UNF	4.8mm (3/16") Tubing	0.3 to 2.0 LPM	Adjustable	1	70 Bar (1000 Psi)	0-70 Bar (0-1000 Psi)
<b>1781</b>	5/8" - 18 UNF	4.8mm (3/16") Tubing	0.1 to 6.0 LPM	Factory Preset	1	70 Bar (1000 Psi)	0-70 Bar (0-1000 Psi)
<b>1782</b>	5/8" - 18 UNF	4.8mm (3/16") Tubing	0.3 to 2.0 LPM	Adjustable	1	70 Bar (1000 Psi)	0-70 Bar (0-1000 Psi)

## MATERIALS OF CONSTRUCTION

	Body	Diaphragm	Piston Seal	Seat	Weight
<b>1767</b>	Ni-Brass	Stainless Steel	Viton	Viton	0.63kg (1lb)
<b>1768</b>	Ni-Brass	Stainless Steel	Viton	Viton	0.63kg (1lb)
<b>1781</b>	Ni-Brass	Stainless Steel	Buna N	Buna N	0.63kg (1lb)
<b>1782</b>	Ni-Brass	Stainless Steel	Buna N	Buna N	0.63kg (1lb)

## GAS SUITABILITY

	Non-Reactive	H2S & SO2	NO & NO2
<b>1767</b>	Recommended	Suitable	Suitable
<b>1768</b>	Recommended	Suitable	Suitable
<b>1781</b>	Suitable	Recommended	Recommended
<b>1782</b>	Suitable	Recommended	Recommended

## CYLINDERS COMPATIBILITY

	2AL	6D	8AL	10AL
<b>1767</b>	✓	✓	✓	✓
<b>1768</b>	✓	✓	✓	✓
<b>1781</b>	✓	✓	✓	✓
<b>1782</b>	✓	✓	✓	✓

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