700 Series Regulators

Fixed Flow Regulators

702 705 713 715 715E 718 718E 725 735

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.

Today, the most popular regulators supplied by Calgaz is the 700 series, which almost certainly has a regulator that is right for your application. These fixed flow regulators are preset to a specified flow rate and fully flow checked at the factory ensuring they reach you perfectly calibrated for your needs.

The 715 is the workhorse of our offering. These single stage Ni-Brass regulators have preset flows ranging from 0.2 LPM through to 6.0 LPM and are used for many non-reactive gases as well as H2S and SO2. The 705 Ni-Brass regulator is designed with no on/off knob for continuous flow applications. The 725 is our new hybrid aluminium and stainless steel regulator used for the more reactive gases, whilst our 735 fully stainless steel regulator is recommended for the most reactive gases.

The 702 and 713 Ni-Brass regulators are used on our steel cylinders for non-reactive gases, whilst the 718 Ni-Brass regulator is used for high pressure applications and can be fitted with a range of CGA and British Standard connections dependent upon your needs.

All regulators carry a 24 month warranty and we recommend replacing them after 2 years of service. Many can be despatched 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

PERFORMANCE

	Inlet	Outlet	Preset Fixed Flow	Stages	Max Inlet Pressure	Max Outlet Pressure	Gauge/Knob
702	CGA 600	4.8mm (3/16") Barb	0.2 to 4.0 LPM	1	35 Bar (500 Psi)	4.5 Bar (65 Psi)	No gauge / No On/Off knob
705	5/8" - UNF C-10 Connection	4.8mm (3/16") Barb	0.2 to 6.0 LPM	1	70 Bar (1000 Psi)	4.1 Bar (60 Psi)	0-70 Bar (0-1000 Psi) No On/Off knob
713	CGA 600	4.8mm (3/16") Barb	0.2 to 6.0 LPM	1	35 Bar (500 Psi)	4.5 Bar (65 Psi)	0-70 Bar (0-1000 Psi)
715	5/8" - UNF C-10 Connection	4.8mm (3/16") Barb	0.2 to 6.0 LPM	1	70 Bar (1000 Psi)	4.1 Bar (60 Psi)	0-70 Bar (0-1000 Psi)
715E	5/8" - UNF C-10 Connection	4.8mm (3/16") Barb	0.3 to 7.0 LPM	1	70 Bar (1000 Psi)	4.1 Bar (60 Psi)	0-70 Bar (0-1000 Psi)
718	1/4" NPT Internal	4.8mm (3/16") Barb	0.2 to 6.0 LPM	1	150 Bar (2200 Psi)	4.1 Bar (60 Psi)	0-205 Bar (0-3000 Psi)
718E	1/4" NPT Internal	4.8mm (3/16") Barb	0.05 to 15.0 LPM	1	200 Bar (2900 Psi)	4.5 Bar (65 Psi)	0-315 Bar
725	5/8" - UNF C-10 Connection	4.8mm (3/16") Barb	0.1 to 7.0 LPM	1	70 Bar (1000 Psi)	4.1 Bar (60 Psi)	0-70 Bar (0-1000 Psi)
735	5/8" - UNF C-10 Connection	4.8mm (3/16") Barb	0.1 to 7.0 LPM	1	70 Bar (1000 Psi)	4.1 Bar (60 Psi)	0-70 Bar (0-1000 Psi)

MATERIALS OF CONSTRUCTION

	Body	Piston	Piston Seal	Seat	Weight
702	Ni-Brass	Brass	Viton	Teflon	0.2kg (0.4lb)
705	Ni-Brass	Brass	Viton	Teflon	0.2kg (0.4lb)
713	Ni-Brass	Brass	Viton	Teflon	0.28kg (0.6lb)
715	Ni-Brass	Brass	Viton	Teflon	0.24kg (0.5lb)
715E	Fully plated Ni-Brass	Brass	Viton	Teflon	0.24kg (0.5lb)
718	Ni-Brass	Brass	Viton	Kel-F	0.32kg (0.7lb)
718E	Stainless Steel	Stainless Steel	Viton	Teflon / PCTFE	0.35kg (0.8lb)
725	Stainless Steel/Aluminium	Stainless Steel	Viton	Teflon / Peek	0.13kg (0.3lb)
735	Stainless Steel	Stainless Steel	Viton	Teflon / PCTFE	0.24kg (0.5lb)

GAS SUITABILITY

	Non-Reactive	H2S & SO2	NO & NO2	Cl2 , HCL, NH3, PH3, SiH4 & HCN
702	Suitable	Not recommended	Not recommended	Not recommended
705	Suitable	Suitable	Not recommended	Not recommended
713	Suitable	Not recommended	Not recommended	Not recommended
715/715E	Suitable	Suitable	Not recommended	Not recommended
718	Suitable	Suitable	Suitable	Suitable
718E	Suitable	Suitable	Suitable	Best
725	Suitable	Suitable	Suitable	Suitable
735	Suitable	Suitable	Suitable	Best

CYLINDERS COMPATIBILITY

	2AL	6D	6DM	7HP	8AL	10AL	5ELR	65ALR
702				✓				
705	✓	✓	✓		✓	✓		
713				✓				
715/715E	✓	✓	✓		✓	✓		
718/718E							✓	✓
725	✓	✓	✓		✓	✓		
735	✓	✓	✓		✓	✓		

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