



300 Series Regulators

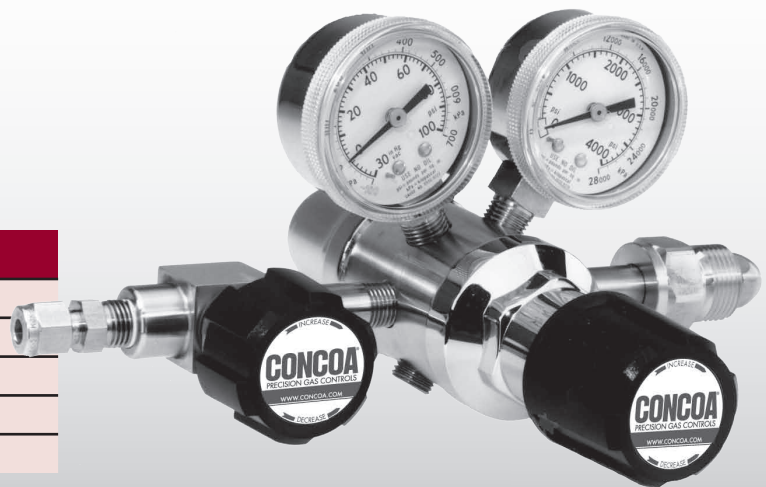
332 SERIES

The 332 Series regulators are intended for primary pressure control of ultra-high purity or corrosive gases for applications requiring constant pressure control and delivery regardless of supply pressure variations.

- Dual Stage
- 316L Stainless Steel Barstock Body
- Four Port Configuration
- 316L Stainless Steel Diaphragm

Typical Applications

EPA Protocol gases
Gas and liquid chromatography
High purity carrier and gases
Zero, span, and calibration gases
High purity chamber pressurization



332 2331-580 shown

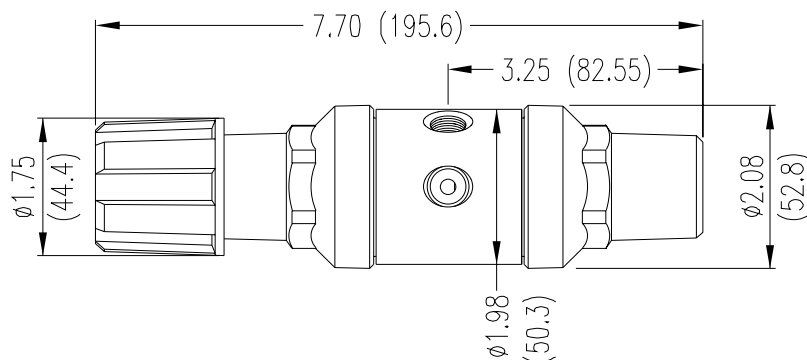
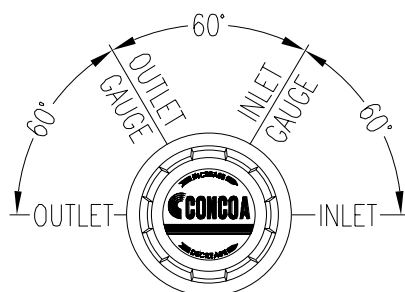
Features	Materials	Specifications
CAPSULE® Seat Increased serviceability and life 316L Stainless Steel Diaphragm No inboard diffusion Low Wetted Surface Area Minimal purge requirements Field-Adjustable Pressure Limit Safeguard downstream equipment Convolute Diaphragm Smooth pressure changes Compact Design Easily transported and integrated into systems 316L Stainless Steel Barstock Body Increased corrosion resistance 10 Micron Filtration in Both Stages Fail-safe seat performance Pressure Ranges 0-15 to 0-250 PSIG (0-1 to 0-17 BAR) Broad range of applications	Body 316L stainless steel barstock Bonnet Chrome-plated die-cast zinc Seat PCTFE (first stage) PTFE (second stage) Filter Patented 10 micron 316 mesh Diaphragm 316L stainless steel Internal Seals PTFE	Maximum Inlet Pressure 3000 PSIG (210 BAR) 4500 PSIG (310 BAR) optional Temperature Range -40°F to 140°F (-40°C to 60°C) Gauges 2" (53mm) diameter Chrome-plated case Stainless steel internals Ports 1/4" FPT Helium Leak Integrity 1 x 10 ⁻⁸ scc/sec Cv 0.1 See page 202 for flow curves Weight (332 2331-580) 4.2 lbs. (1.91 kg)

CRN 0H5216.5R1

300 Series Regulators



Installation Dimensions



REGULATORS

Ordering Information

332	A		B	C	D	-CON	Options	
Series 332	Outlet Pressure	Outlet Gauge	Inlet Gauge	Outlet Assemblies	Assembly Gauges	Inlet Connections	Installed Options	
	1: 0-15 PSIG (0-1 BAR)	30"-0-30 PSIG/-1-0-2 BAR	0: None	0: 1/4" FPT port	0: Bare body	000: 1/4" FPT	B: Protocol alarm station with pressure switch gauges	
	2: 0-50 PSIG (0-3.5 BAR)	30"-0-100 PSIG/-1-0-7 BAR	3: 0-4000 PSIG/0-278 BAR	1: 1/4" MPT	1: Standard assembly (PSIG/kPa gauges) 2: Standard assembly (BAR/PSIG gauges)	TF2: 1/8" tube	C: Protocol switchover station	
	3: 0-100 PSIG (0-7 BAR)	30"-0-200 PSIG/-1-0-14 BAR	5: 0-1000 PSIG/0-70 BAR	2: 1/4" tube fitting		TF4: 1/4" tube	E: Protocol alarm station with intrinsically safe transducer for hazardous environments	
	4: 0-250 PSIG (0-17 BAR)	0-400 PSIG/0-27 BAR	6: 0-300 PSIG/0-21 BAR	3: Diaphragm valve 1/4" tube fitting		TF6: 3/8" tube	H: Protocol switchover alarm station with pressure switch gauges	
	7: 0-150 PSIG (0-10 BAR)	30"-0-200 PSIG/-1-0-14 BAR	7: 0-400 PSIG/0-27 BAR	4: Diaphragm valve 1/4" MPT		M06: 6mm tube	J: Protocol alarm station with standard transducer for non hazardous environments	
			8: 0-6000 PSIG/0-415 BAR*	5: Needle valve 1/4" MPT			CGA DIN 477 BS 341 and others available	K: Protocol switchover alarm station with standard transducer for non hazardous environments
			G: 0-4000 PSIG/0-275 BAR†	6: 1/8" tube fitting	M: Protocol station			
			Maximum inlet pressure 4500 PSIG (310 BAR) with PCTFE Seat CAPSULE®	7: 3/8" tube fitting				Q: Protocol purge station
				8: Diaphragm valve 1/8" tube fitting				T: Tee purge*
				9: Diaphragm valve 1/4" FPT				X: Protocol switchover alarm station with intrinsically safe transducer for hazardous environments
			M: 6mm tube fitting			*Not available with 4500 PSIG (310 BAR) max inlet pressure		
			S: Diaphragm valve 6mm tube fitting					

Flow Curves for 312, 315, 332, 411, 412, 414, 415, 430, 432 Series

