

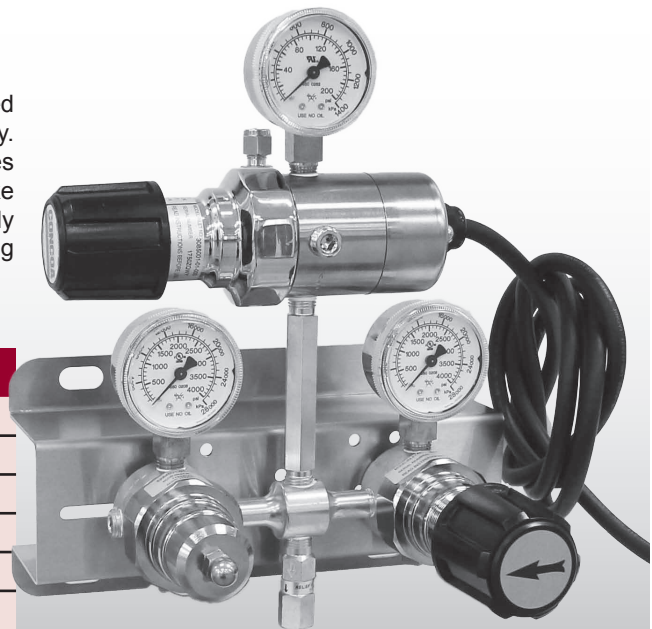
526 CD SERIES

Switchover

The 526 Series Switchover is an automatic switchover system designed to supply high purity Carbon Dioxide or Nitrous Oxide continuously. Integral heaters in the line regulator ensure a high flow of inert gases that are prone to freezing due to flow or Joule-Thomson effect. Unlike a separate device attached at the inlet or inlet, applying heat directly to the regulator eliminates the possibility of dry ice particulate forming in the seat and interrupting supply.

Typical Applications

- Cell culture incubators
- Atomic absorption grade Nitrous Oxide
- Bioreactors
- Beverage supply and analysis
- Modified atmosphere packaging
- Carbon Dioxide buffer reactions

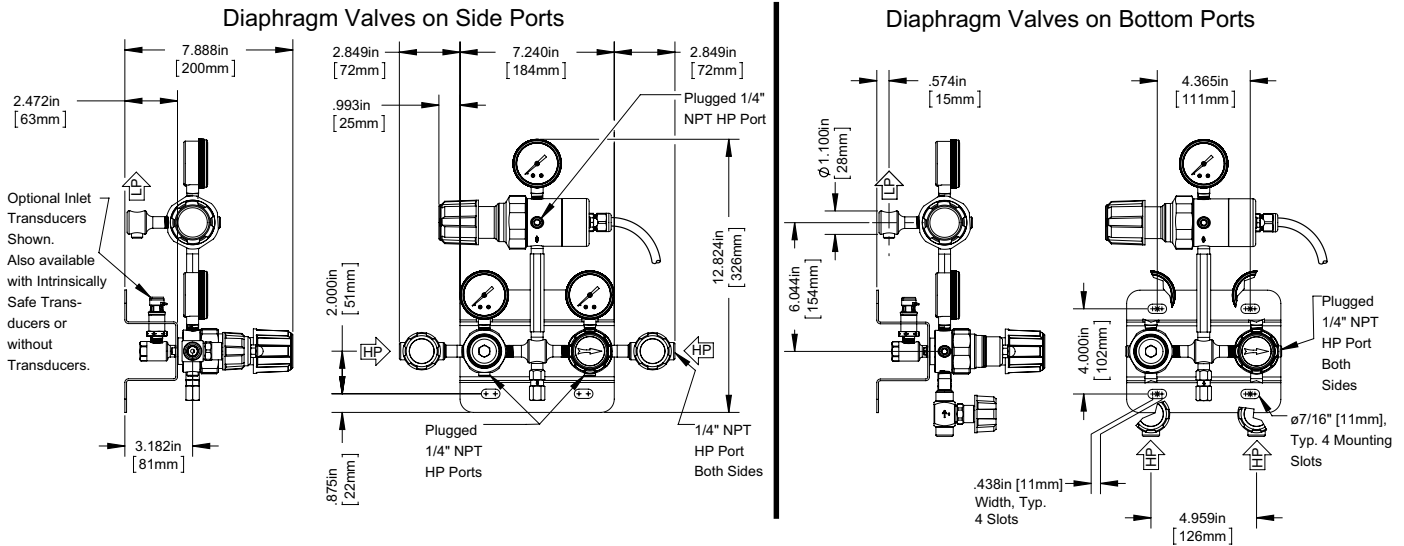


526 E031 shown
Available with optional remote alarm.

Features	Materials	Specifications
400/308 Series Brass Barstock Regulators CAPSULE® seat Metal-to-Metal Diaphragm Seal No possibility of gas contamination User-Friendly One knob switches cylinder priority Check Valves in Hose Inlet Glands Prevents contamination and back flow Compatible with Maniflex Manifolds Multiple cylinders per side Three 50-Watt Heaters Maintain gas flow without freezing or particulate formation Optional Remote Alarm Easy integration with Altos system CE marked universal voltage alarm Optional Purge Valves Allows purging after cylinder change over Optional Outlet Valve Allows isolation of pipeline	Bodies Brass barstock (inlet regulators) Chrome-plated brass barstock (line regulator) Diaphragms 316L stainless steel Seats PCTFE (inlet regulators) PTFE (line regulator) Filters 25 micron sintered bronze Internal Seals PTFE	Maximum Inlet Pressure 3000 PSIG (210 BAR) Temperature Range (Thermostat) 95°F to 120°F (35°C to 49°C) Heaters 3 @ 50 watts each (110 or 220 VAC) Gauges 2" (53mm) diameter brass Outlet Connection 1/4" FPT Transducers 0-6000 PSIG (4-20 mA output) Optional intrinsically safe models Helium Leak Integrity 1 x 10 ⁻⁸ scc/sec Cv 0.1 Weight 8.5 lbs. (3.85 kg)

CRN 0H15806.5

Installation Information



Ordering Information

526	A	B	C	D	-CON	Options
Series 526	Nominal Switching Pressure	Inlet Connection	Heated Line Regulator	Assembly	Hose	
	D: 200 PSIG (14 BAR) 110V Heated Line Regulator	0: 1/4" FPT ports	1: 0-15 PSIG (0-1 BAR)	1: 0-4000 PSIG/0-28,000 kPa gauges no alarm capability	Please specify inlet connection (if applicable)	A: Outlet valve
	E: 200 PSIG (14 BAR) 220V Heated Line Regulator*	1: 36" (900mm) stainless steel flexible hoses	2: 0-50 PSIG (0-3.5 BAR)	2: 0-4000 PSIG/0-275 BAR gauges no alarm capability	CGA DIN 477 BS 341 and others available	B: Outlet valve and purge valve
	F: 300 PSIG (21 BAR) 110V Heated Line Regulator	2: Manifold connectors*	3: 0-100 PSIG (0-7 BAR)	G: 0-4000 PSIG/0-280 BAR gauges with Altos 2 alarm and standard transducers (not intrinsically safe)		V: Purge valves
	G: 300 PSIG (21 BAR) 220V Heated Line Regulator*	3: 24" (600mm) stainless steel flexible hoses	G: 0-30 PSIG (0-2 BAR)	J: 0-4000 PSIG/0-280 BAR gauges with standard transducers (not intrinsically safe) - alarm not included		
	H: 500 PSIG (34 BAR) 110V Heated Line Regulator	4: Diaphragm valves with 1/4" FPT port	H: 0-175 PSIG (0-12 BAR)	L: 0-4000 PSIG/0-280 BAR gauges with Altos 2 alarm and intrinsically safe transducers and barriers		
	J: 500 PSIG (34 BAR) 220V Heated Line Regulator*	5: Diaphragm valves with 36" (900mm) hoses		N: 0-4000 PSIG/0-280 BAR gauges with intrinsically safe transducers and barriers - alarm not included		
	220 VAC models are CE-marked.	6: Diaphragm valves with manifold connectors		<i>Note: Intrinsically safe transducers and barriers are required for flammable gas service or for use in hazardous environments.</i>		
		7: Diaphragm valves with 24" (600mm) hoses				
		C: Compact manifold connector*				
		D: Diaphragm valves with compact manifold connectors*				
		*See 52B Series for manifold ordering information				