



ControlAir

ControlAir's family of stainless steel process control devices utilize corrosion resistant stainless steel to provide longer life in offshore and other harsh environments. All are designed for high-performance and accuracy while being in the most challenging environments.

Regulators provide accurate pressure regulation and quick response; offered as filter service, high flow capacity, low temperature and Autodrain. Our Volume Boosters offer high flow capacity and are designed to increase the stroking speed of control valves. The Lock-Up Relay is a reliable unit for fail in place applications of control valves when air supply drops below acceptable pressure levels.

FEATURES

Regulators, Filter Regulators and Filters

- 316 Stainless Steel Construction
- NACE Compliant
- 1/4" and 1/2" NPT Ports
- Autodrain option
- Low temperature option
- High flow capacity

Volume Boosters

- 316 Stainless Steel Construction
- 3/4" or 1" NPT Porting
- Integral Adjustable bypass valve
- High flow capacity
- Soft valve seat design
- High temperature option

Lock up Relay

- 304 Stainless Steel Construction
- No leakage in lock-up position
- Two pressure ranges available
- Manual relief valve



 **ControlAir Inc.**

Corrosion resistant, stainless steel construction for tough, offshore environments.

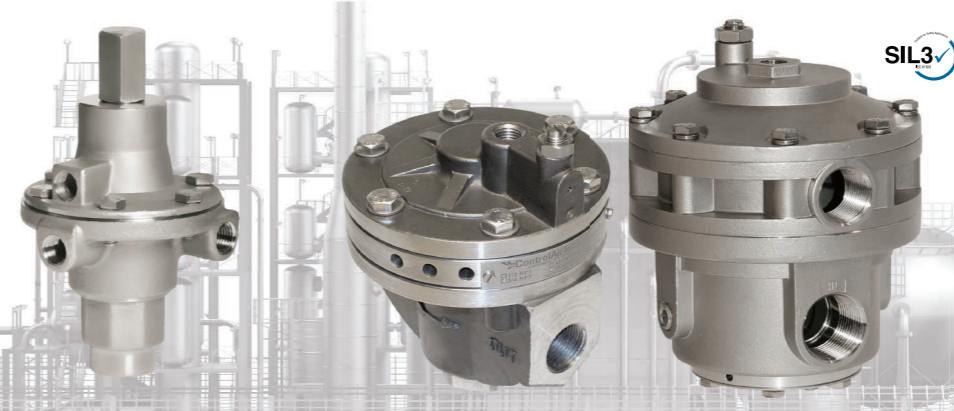
Stainless Steel Regulators, Filters, Filter Regulators



Stainless Steel, High Pressure Regulator



Stainless Steel Volume Boosters



Stainless Steel Lock-up Air Relay



	TYPE 350SS	TYPE 360SS	TYPE 370SS	TYPE 380/390SS	TYPE 3600	TYPE 6000	TYPE 6600	TYPE 250
Output Ranges	0-30 psig (0-2.0 BAR) 0-60 psig (0-4.0 BAR) 0-100 psig (0-7.0 BAR) 0-150 psig (0-10.0 BAR)	0-30 psig (0-2.0 BAR) 0-60 psig (0-4.0 BAR) 0-100 psig (0-7.0 BAR) 0-150 psig (0-10.0 BAR)	N/A	0-30 psig (0-2.0 BAR) 0-60 psig (0-4.0 BAR) 0-100 psig (0-7.0 BAR) 0-150 psig (0-10.0 BAR) 0-200 psig (0-14.0 BAR)	0-125 psig (0-8.6 bar) 0-150 psig (0-10.3 bar) 0-225 psig (0-15.5 bar)	0-150 psig (0-15 BAR)	0-150 psig (0-15 BAR)	Maximum Supply Pressure 125 psig (8.35 BAR)
Maximum Supply Pressure	290 psig (20.0 BAR) Autodrain: 150 psig (10.0 BAR)	290 psig (20.0 BAR)	150 psig (10.0 BAR) Autodrain: 150 psig (10.0 BAR)	290 psig (20.0 BAR) Autodrain: 150 psig (10.0 BAR)	6000 psig (413 bar)	150 psig (10.0 bar)	250 psig (17.0 BAR)	Cut-off Pressure Range 15-60 psig (1-4 BAR) 30-120 psig (2-8 BAR)
Maximum Flow Coefficients (Cv)	1/4" = 1.2 1/2" = 3.3	1/4" = 1.2 1/2" = 3.3	1/4" = 1.2 1/2" = 3.3	Type-380: 3/4": 9.0; 1": 10.0 Type-390: 3/4": 10.0; 1": 11.0	1/4" = 0.13	1/2" - Forward: 6.6 / Exhaust: 5.8 3/4" - Forward: 6.8 / Exhaust: 5.8	3/4": Forward: 8.0 / Exhaust: 8.0 1": Forward: 9.0 / Exhaust: 8.0	Operating Temperatures 0° to 160°F (-18° to +71°C)
Air Consumption	4 SCFH (2 nl/min) maximum			4 SCFH (2 nl/min) maximum				Porting 1/4" NPT
Operating Temperature	-20° to 185°F (-29° to 85°C) Autodrain Option: T350 and T370: 32° to 185°F (0° to 85°C) Low Temperature Option: -61° to 194°F (-52° to 90°C)			-40° to 200°F (-40° to 93°C) Autodrain: 32° to 200° (0° to 93°C)		Standard: -40° to 160°F (-40° to 71°C) EPDM Option: -40° to 230°F (-40° to 110°C) Silicone Option: -60° to 230°F (-51° to 110°C)		Weight: 4 lbs (1.8 kg)
Filter	25 micron optional 5 micron		25 micron optional 5 micron	40 micron				
Porting Inlet/Outlet Gauge(s) Exhaust	1/4" NPT or 1/2" NPT 1/4" NPT 1/8" NPT	1/4" NPT or 1/2" NPT 1/4" NPT 1/8" NPT	1/4" NPT or 1/2" NPT 1/4" NPT	3/4" NPT or 1" NPT 1/4" NPT 1/8" NPT		1/2" or 3/4" NPT 1/4" NPT 1/2" or 3/4" NPT Signal Port: 1/4" NPT		3/4" or 1" NPT 1/4" NPT 3/4" NPT Signal Port: 1/4" NPT Feedback Port Option: 1/4" NPT
Weight	1/4" NPT: 2.2 lbs. (1.0 kg) 1/2" NPT: 2.8 lbs. (1.3 kg)	1/4" NPT: 2.0 lbs. (0.9 kg) 1/2" NPT: 2.6 lbs. (1.2 kg)	1/4" NPT: 2.1 lbs. (0.95 kg) 1/2" NPT: 2.5 lbs. (1.14 kg)	Type 380: 16.6 lbs (7.5 kg) Type 390: 14.5 lbs (6.6 kg)		3.25 lbs (1.5 kg) 11.7 lbs (5.3 kg)		15.0 lbs (6.80 kg)
Operating Media	Air, inert gas, sweet (natural) and sour gases			Air, inert gas, sweet (natural gas)		Air, inert gas, sweet (natural) & sour gases		
Flow Capacity	1/4" = 60 scfm 1/2" = 160 scfm	1/4" = 60 scfm 1/2" = 160 scfm	1/4" = 60 scfm 1/2" = 160 scfm	Type 380-3/4" & 1": 425 scfm (12,027 NL/min) Type 390-3/4": 450 scfm (12,735 NL/min); 1": 500 scfm (14,150 NL/min)		(Supply Pressure at 2000 psi) 300 scfm (8,490 NL/min) 75 psi outlet = 1900 scfm 150 psi outlet = 3000 scfm 225 psi outlet = 4500 scfm		3/4": 375 scfm (10,613 NL/min) 1": 425 scfm (12,028 NL/min)
Maximum Signal Pressure						150 psig (10.0 BAR)		150 psig (10.0 BAR)
Signal to Output Ratio						1:1		1:1
Deadband						Under 0.25 psig (0.017 bar)		Under 0.2 psig (.01 BAR)



ControlAir's line of stainless steel process control devices are packed with features that make them ideal for off-shore applications.

**Type 350/360/370SS
Stainless Steel
Regulators, Filters,
Filter Regulators**

- 316 Stainless Steel Construction
- NACE MR-0175 Compliant
- 1/4" and 1/2" NPT Ports
- Autodrain Option
- Low Temperature Option
- High Flow Capacity
- Tapped Exhaust Port
- Minimal Air Consumption



**Type 6600 Stainless
Steel Volume Booster**

- 316L Stainless Steel Construction
- 3/4" or 1" NPT Porting
- Integral Adjustable Bypass Valve
- High Flow Capacity
- Soft Valve Seat Design
- High Temperature Operation
- Tapped High Output Exhaust Port
- 2 Gauge Ports - Optional IEC 65108 SIL 3 Compliant
- Low Temperature Option



**Type 250 Lockup
Air Relay**

- Two Pressure Ranges Available
- Manual Relief Valve
- Corrosion-Resistant
- 304 Stainless Steel
- Mounting Bracket
- No Leakage in Lock-up Position



Type-3600 High Pressure Regulator

- 316 Stainless Steel Construction
- NACE MR-0175 Compliant
- Choice of Three Output Pressures
- Choice of Three Output Ports
- Socket Head or Tee Handle Adjustment
- Replaceable Valve Seat
- High Maximum Inlet Pressure
- Non-Relieving Design



**Type 380/390SS Stainless
Steel Filter Regulators**

- 316L Stainless Steel Construction
- High Flow Capacity
- 3/4" or 1" NPT Porting
- 2 Gauge Ports
- Automatic Drain Option



**Type 6000 Stainless Steel
Volume Booster**

- Fast Response
- Adjustable Bypass Valve
- Soft Seat Sealing
- Corrosion and Wear Resistant
- Choice of Porting



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