Rugged, Stainless Steel Offshore Control Products from 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

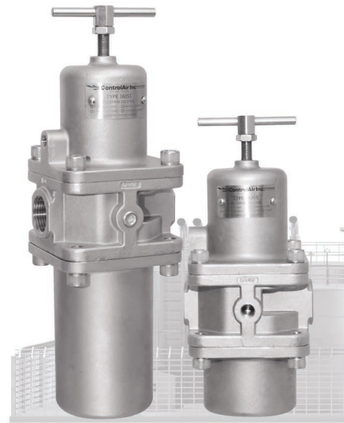
Lock up Relay

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

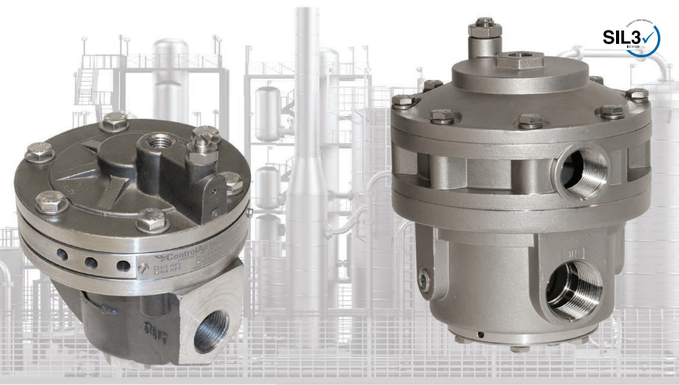
ControlAir Inc.

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

Stainless Steel Regulators, Filters, Filter Regulators



Stainless Steel Volume Boosters



Stainless Steel Lock-up Air Relay

	TYPE 350SS	TYPE 360SS	TYPE 370SS	TYPE 380/390SS	TYPE 6000	TYPE 6600
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)	0-150 psig (0-15 BAR)	0-150 psig (0-15 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)	150 psig (10.0 bar)	250 psig (17.0 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	1/2" - 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
Air Consumption	4 SCFH (2 nl/min) maximum			4 SCFH (2 nl/min) maximum		
Operating Temperatures	-20° to +185°F (-29° to +85°C) Autodrain Option: T350 and T370: 32° to 185°F (0°C 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)	-40˚ to 200˚F (-40˚ to 93˚C) Low temperature option: -62 to 194˚F (-52 to 90˚C)
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)	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)		
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)	300 scfm (8,490 NL/min)	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)

TYPE 250	
Maximum Supply Pressure	125 psig (8.35 BAR)
Cut-off Pressure Range	15-60 psig (1-4 BAR) 30-120 psig (2-8 BAR)
Operating Temperatures	0° to 160°F (-18° to +71°C)
Porting	1/4" NPT
Weight:	4 lbs (1.8 kg)

ControlAir

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 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
- ¾" 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 6000 Stainless Steel Volume Booster

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

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

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An ISO-9001:2008 Certified Company

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RoHS