



**ControlAir**

# 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.

## 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



**ControlAir**

# Corrosion resistant, stainless steel construction

## Stainless Steel Regulators, Filters, Filter Regulators



	TYPE 350SS	TYPE 360SS	TYPE 370SS	TYPE 380/390SS
<b>Output Ranges</b>	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)
<b>Maximum Supply Pressure</b>	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)
<b>Maximum Flow Coefficients (Cv)</b>	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
<b>Air Consumption</b>	4 SCFH (2 nl/min) maximum			4 SCFH (2 nl/min) maximum
<b>Operating Temperature</b>	-20°– 185°F (-29°– 85°C) Autodrain Option: T350 and T370: 32°– 185°F (0°– 85°C) Low Temperature Option: -61°– 194°F (-52°– 90°C)			-40°– 200°F (-40°– 93°C) Autodrain: 32°– 200° (0°– 93°C)
<b>Filter</b>	25 micron optional 5 micron		25 micron optional 5 micron	40 micron
<b>Porting</b> 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
<b>Weight</b>	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)
<b>Operating Media</b>	Air, inert gas, sweet (natural) and sour gases			Air, inert gas, sweet (natural gas)
<b>Flow Capacity</b>	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)
<b>Maximum Signal Pressure</b>				
<b>Signal to Output Ratio</b>				
<b>Deadband</b>				

# for tough, offshore environments.

## StainlessSteel, High Pressure Regulator

## Stainless Steel Volume Boosters



TYPE 3600	TYPE 6000	TYPE 6200	TYPE 6600
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)	0-150 psig (0-15 BAR)
6000 psig (413 bar)	150 psig (10.0 bar)	250 psig (17.0 BAR)	250 psig (17.0 BAR)
1/4" = 0.13	1/2"-Fwd: 6.6/Exh: 5.8 3/4"-Fwd: 6.8/Exh: 5.8	3/4": Fwd: 5.0/Exh: 4.0 1/2": Fwd: 4.5/Exh: 4.0 1/4": Fwd: 2.0/Exh: 3.0	3/4"-Fwd: 8.0/Exh: 8.0 1"-Fwd: 9.0/Exh: 8.0
Type 3500: -70° – 225°F (-57° – 107°C) Type 3600: -40° – 225°F (-40° – 107°C)	Standard: -40° – 160°F (-40° – 71°C) EPDM: -40° – 230°F (-40° – 110°C) Silicone: -60° – 230°F (-51° – 110°C)	-40° – 200°F (-40° – 93°C) -62° – 194°F (-52° – 90°C)	-40° – 200°F (-40° – 93°C) Low temperature option: -62° – 194°F (-52° – 90°C)
40 micron			
1/4" NPT	1/2" or 3/4" NPT 1/4" NPT 1/2" or 3/4" NPT Signal Port: 1/4" NPT	1/4", 1/2" or 3/4" NPT 1/4" NPT 1/2" NPY 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
3.25 lbs (1.5 kg)	11.7 lbs (5.3 kg)	5.7 lbs (2.6 kg)	15.0 lbs (6.8 kg)
Air, inert gas, sweet (natural) and sour gases			
<b>(Supply Pressure at 2000 psi)</b> 75 psi outlet=1900 scfm 150 psi outlet=3000 scfm 225 psi outlet=4500 scfm	300 scfm (8,490 NL/min)	1/4": 110 scfm (3,113 NL/min) 1/2": 240 scfm (6,792 NL/min) 3/4": 270 scfm (7,641 NL/min)	3/4": 375 scfm (10,613 NL/min) 1": 425 scfm (12,028 NL/min)
	150 psig (10.0 BAR)	150 psig (10.0 BAR)	150 psig (10.0 BAR)
	1:1	1:1	1:1
	< 0.25 psig (0.017 bar)	< 2.0 psig (0.01 BAR)	< 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 6200 High  
Flow Capacity  
Volume Booster**

- 316L Stainless Steel Construction
- 1/4", 1/2" or 3/4" NPT Porting
- Integral Adjustable Bypass Valve
- High Flow Capacity
- Soft Valve Seat Design
- High Temperature Operation
- Optional Negative Bias



**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



8 Columbia Drive / Amherst, NH 03031 USA

Website: [www.controlair.com](http://www.controlair.com)

Email: [sales@controlair.com](mailto:sales@controlair.com)

603-886-9400 FAX 603-889-1844

An ISO 9001:2015 Registered Company