

Valves

Aero Space Controls produces a variety of pneumatic valves for shut-off, check, mixing, bleed air, temperature regulating, and pressure regulating applications. Vacuum system regulation and manual rate control valves are also produced. Pneumatic Valve operation can be manual, temperature activated, pressure activated or electromechanical. Aero Space Controls also produces Flow Control Valves (FCV) which utilize bleed air from the engine(s) to provide heat and pressure to the aircraft cabin. The FCVs can be activated by pressure, temperature and pressure, or mechanically operated via an ECS controller.

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Pneumatic Valve Designs

(other designs available)

P/N

Type

Diameter

Description

Product Details

(Note: These items are in PDF format)

6006A100-1

Check

(-4) Port

6061 aluminum construction.

3001A100-1
Check/Manifold
1.5 inch
6061 aluminum construction, (2) 1.5" inlet, (1) 2.5" outlet.

2435T100-1
Check
2.0 inch
6061 aluminum construction.

6004A500-1
Check
1.5 inch
304 stainless construction.

3002A100-1
Check
3.0 inch
6061 aluminum construction.

1520T100 series
Flow Control Valve
1.5 inch
Bleed/ambient air mix, flow control valve, solenoid activated.

2432A100-1
Diverter
1.5 inch
Manually operated, aluminum body.

6005A100-1
Shut Off
8.0 inch
Electro-mechanical, aluminum body, 28VDC.

1914T100-3
Shut Off

1.0 inch
Electro-mechanical, stainless body, 28VDC.

9023A100-3
Shut Off
1.0 inch
Manually operated, stainless body.

6007A100-1
Shut Off
1.5 inch
Electro-mechanical, stainless body, 28VDC.

6008A100-1
Shut Off
1.5 inch
Pneumatically actuated, stainless body, normally closed

1915T100-3
Shut Off
2.0 inch
Electro-mechanical, aluminum body, 28VDC.

1915T100-11
Shut Off
2.0 inch
Electro-mechanical, stainless body, 28VDC.

1915T100-15
Shut Off
2.0 inch
Electro-mechanical, aluminum body, 28VDC, manual override

2431T100-1
Shut Off
2.0 inch
Manually operated, stainless body.

4009A100
Solenoid
(-4) Port
Aluminum body, 28VDC.

1915A100-1
Solenoid
2.0 inch
Aluminum body, 28VDC.

5001200-1/-3
Temp Control
1.0 inch
Stainless body, air mixing valves, solenoid activated.