



FLOW CONTROL VALVE - 337 SERIES

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The 337 series flow control valve adjustment knob features a numerical micrometer position for visual indication, and includes a fine taper needle which provides precise flow control even at low flow rates.

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The 337 series flow control valve meters flow of air in one direction and allows free flow in the reverse direction. The plunger in these valves is a fine tapered needle, which provides precise flow control even at low flow rates. The perimeter of the adjustment knob features numerical micrometer position markings, providing a visual indication of the flow controls settings. Once the desired flow is selected, a set screw can be tightened to maintain the settings. Due to the light spring on the return check, the 337 flow controls have a 1 to 2 psig cracking pressure. Extended temperature versions up to 300 degrees F are available as specials.

- Function: Flow Control
- Manual Operator Style: Knob with Micrometer Position
- Mounting Type: Inline
- Port Connection: Female to Female
- Port Sizes (inch): 1/8," 1/4," 3/8," 1/2," 3/4"
- Port Type: NPT
- Metered Flow (Cv): 0.28 to 2.62
- Free Flow (Cv): 0.60 to 6.13
- Metered Flow (SCFM): 15 to 140
- Free Flow (SCFM): 32 to 327
- Pressure Range (psig): 0 - 250
- Pressure Range (bar): 0 - 17
- Temperature Range (C): -18 to 82
- Temperature Range (F): 0 to 180
- Extended Temperature Version: Yes
- Cracking Pressure: Return Poppet 1 -2 PSIG
- Media: Air
- Lubrication: None
- Body Material: Brass
- Seal Material: Urethane, Buna N
- Plunger / Needle Material: Stainless Steel
- Other Internal Material: Stainless Steel, Zinc-Plated Steel

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