Low Flow Regulator
Precise Fluid Control at Desired Flow Rates

Maintain consistent fluid regulation for automatic finishing applications

- Stainless wetted parts
- Springless fluid path prevents trapped material and allows for easy cleaning
- High flow bypass to allow fast cleaning
- Low volume fluid section minimizes flush volume and time
- Most compact air piloted fluid regulator design on the market

Size Reference

3.94 in (100 mm)
Low Flow Regulator Features

1. Air Inlet
2. Air Bypass
3. Fluid Outlet (not included)
4. Stainless Steel Screws
5. Springless Fluid Path
6. Fluid Inlet

Applications:
- Intricate finish details where precise control of fluid pressure is needed
- All automated applications for air operated fluid regulation
- Low flow rates/low viscosity applications

Technical Specifications:
- Height: 3.94 in (100 mm)
- Diameter: 1.81 in (46 mm)
- Max. Air Pressure: 100 psi (7 bar)
- Max. Fluid Input: 300 psi (20.6 bar)
- Fluid Output:
  - 1:1: 1 – 90 psi (0.06 – 6.2 bar)
  - 1:2: 1 – 50 psi (0.06 – 3.4 bar)
  - 1:3: 1 – 30 psi (0.06 – 2.0 bar)
- Hi-Port (all models): 1 – 90 psi (0.06 – 6.2 bar)

Pneumatic and Fluid Connections:
- Air Pilot: 5/32 in (4 mm) OD tube
- Air Override: 5/32 in (4 mm) OD tube
- Fluid In: 1/4 – 18 NPT(m)
- Fluid Out: 1/8 – 27 NPT(f)

Ordering Information:

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Conversion Kits:
(includes piston parts and air diaphragm)

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Service Kits:
- 24E504 Seat Kit
  Includes diaphragms, seat and o-ring seals
- 24F140 Seat Kit
  Includes seat, needle and seat retainer

Call today for product information or to request a demonstration.
877.84GRACO (1-877-844-7226) or visit us at www.graco.com.