Non-relieving models.
Acetal plastic, corrosion resistant construction
Low torque, non-rising adjusting knob.
Designed for use with deionized water and potable water systems.
Plastic (not assembly) is NSF approved.
All elastomers are CFR 21 FDA food and water contact compliant.
Non-relieving models only.

Technical data

Fluid:
Water and compressed air, neutral gases

NOTE: Contact technical support for use with other media.

Maximum pressure:
250 psig (17 bar)

Operating temperature:
Water service: 35° to 150°F (2° to 66°C)
Air service: -30° to 150°F (-34° to 66°C) *

*When used in air service, air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Port connections:
1/4" OD tube (brass nut and plastic ferrule supplied)
Recommended tubing: 1/4" soft PVC or Polyethylene tubing. Avoid aluminum, copper, and hard plastic tubing.

Materials
Body: Acetal
Bonnet: Acetal
Valve: Stainless steel with EPDM seal (CFR21 FDA food and water contact compliant)
Valve seat: Acetal
Diaphragm: Stainless steel and nitrile (CFR21 FDA food and water contact compliant)

Ordering information

Model listed has non-relieving diaphragm, and 5 to 100 psig (0.3 to 7 bar) outlet pressure adjustment range.†

ISO Symbols | Port Connection | Model | Flow* scfm (dm3/s) | Flow** U.S. gpm (lpm) | Weight lb (kg)
---|---|---|---|---|---
Non relieving | 1/4" tube nut and ferrule | 11 044 003 | 3.0 (1.4) | 0.7 (2.65) | 0.16 (0.08)

For additional models contact the factory.

* Approximate flow with 100 psig (7 bar) inlet pressure, 90 psig (6.3 bar) set pressure and a 15 psig (1 bar) droop from set.
* Approximate flow with 100 psig (7 bar) inlet pressure, 60 psig (4 bar) set pressure and a 15 psig (1 bar) droop from set.
† Outlet pressure can be adjusted to pressures in excess, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

Alternative Models

11 - 044 - ★ ★ ★

Outlet Pressure Adjustment Range† Substitute
1 to 10 psig (0.1 to 0.7 bar) 001
2 to 50 psig (0.3 to 3.5 bar) 002
5 to 100 psig (0.3 to 7 bar) 003
Panel mounting hole diameter: 1.19" (30 mm)
Maximum panel thickness: 0.25" (6 mm)

**Typical Performance Characteristics**

**AIR FLOW CHARACTERISTICS**

- INLET PRESSURE: 100 psig (7 bar)
- RANGE: 5 to 100 psig (0.3 to 7 bar)

**WATER FLOW CHARACTERISTICS**

- INLET PRESSURE: 100 psig (7 bar)
- RANGE: 5 to 100 psig (0.3 to 7 bar)

**Service Kits**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part number</th>
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</thead>
<tbody>
<tr>
<td>Non-relieving</td>
<td>3407-59</td>
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</tbody>
</table>

Service kit includes slip ring, valve seat, valve, valve spring, and diaphragm.

Dimensions in inches (mm)

For further information [www.norgren.com](http://www.norgren.com)