NORGREN EXCELCOR®
PRESSURE REGULATORS

R72G-2AK-RMG, £22.75, shown without gage

- In-Line or Modular Installation
- Full Flow Gage Ports
- Balanced Valve Design
  Minimizes Effect of Variation
  in the Inlet Pressure on the
  Outlet Pressure
- Standard Relieving Models
  Allow Reduction of Downstream
  Pressure when the System
  is Dead-Ended
- Optional Reverse Flow Models
  Available for Use Downstream
  of Directional Control Valves

These products allow inlet pressure to pass directly through the body. The outlet port is at right angles to the inlet. This then allows units to be “Quickclamped” together in a bank meaning numerous regulated pressures can be obtained from a single supply—see illustration.

R72M pressure regulators are ideal for control cabinet installations where neat, compact assemblies are required. See website for additional information.

SPECIFICATIONS
Fluid: Compressed Air
Maximum Pressure: 20 bar (300 psig)
Operating Temperature*: -34 to 80°C
(-30 to 175°F)
Typical Flow with 10 bar (150 psig)
Inlet Pressure, 6.3 bar (90 psig) Set
Pressure and 1 bar (15 psig) Drop
from Set: 144 scfm (68 dm³/s).

R72G MATERIALS
Body: Zinc
Bonnet: Acetal
Valve: Brass
Elastomers: Nitrile
Bottom Plug: Acetal

R73G AND R74G MATERIALS
Body: Aluminum
Bonnet: Aluminum or zinc
Elastomers: Nitrile
Bottom Plug: Acetal

* Air supply must be dry enough to avoid ice formation at temperatures below 2°C (35°F).

OPTIONS SELECTOR

<table>
<thead>
<tr>
<th>Series</th>
<th>Substitute</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>2</td>
</tr>
<tr>
<td>73</td>
<td>3</td>
</tr>
<tr>
<td>74</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Port size</th>
<th>Substitute</th>
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</thead>
<tbody>
<tr>
<td>3/8” (72, 73)</td>
<td>2</td>
</tr>
<tr>
<td>½” (72, 73, 74)</td>
<td>3</td>
</tr>
<tr>
<td>¾” (73, 74)</td>
<td>4</td>
</tr>
<tr>
<td>1” (74)</td>
<td>6</td>
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<table>
<thead>
<tr>
<th>Threads</th>
<th>Substitute</th>
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<tbody>
<tr>
<td>PTF</td>
<td>A</td>
</tr>
<tr>
<td>ISO G parallel</td>
<td>G</td>
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<table>
<thead>
<tr>
<th>Gage Substitute</th>
<th>Outlet press adj range*</th>
<th>Adjustment Substitute</th>
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</thead>
<tbody>
<tr>
<td>With G</td>
<td>5 to 30 psig (72) G</td>
<td>Knob K</td>
</tr>
<tr>
<td>Without N</td>
<td>5 to 60 psig F</td>
<td>T-bar T</td>
</tr>
<tr>
<td>Outlet press adj range**</td>
<td>5 to 150 psig M</td>
<td></td>
</tr>
<tr>
<td>10 to 250 psig**</td>
<td>S</td>
<td></td>
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</table>

*Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.
**Units with 250 psig outlet pressure range are available only with the T-bar adjustment, substitute T at the 7th position and S at the 9th position.
Notes: Models listed include uni-directional flow, PTF threads, knob adjustment, relieving diaphragm, 0.3 to 10 bar (5 to 150 psig) outlet pressure adjustment range* with gage.

*Typical flow with 10 bar (150 psig) inlet pressure, 6.3 bar (90 psig) set pressure and a 1 bar (15 psig) droop from set.

Ordering Examples: R72G-2AK-RMG, pressure regulator with 1⁄4” port, flow of up to 70 scfm, knob adjustment and PTF threads, £22.75. R73G-3AK-RMG, pressure regulator with 3⁄8” port, flow up to 144 scfm, knob adjustment and PTF threads, £31.50.

### To Order (Specify Model Number)

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>PRICE</th>
<th>PORT SIZE (in)</th>
<th>FLOW SCFM† (DM3/S)</th>
<th>WEIGHT kg (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R72G-2AK-RMG</td>
<td>£22.75</td>
<td>1⁄4</td>
<td>70 (33)</td>
<td>0.36 (0.79)</td>
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<tr>
<td>R73G-3AK-RMG</td>
<td>31.50</td>
<td>3⁄8</td>
<td>144 (68)</td>
<td>0.6 (1.36)</td>
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<tr>
<td>R74G-4AK-RMG</td>
<td>45.50</td>
<td>1⁄2</td>
<td>220 (105)</td>
<td>0.80 (1.77)</td>
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</tbody>
</table>

Notes: Models listed include uni-directional flow, PTF threads, knob adjustment, relieving diaphragm, 0.3 to 10 bar (5 to 150 psig) outlet pressure adjustment range* with gage.

*Typical flow with 10 bar (150 psig) inlet pressure, 6.3 bar (90 psig) set pressure and a 1 bar (15 psig) droop from set.
More than 100,000 Products Available!

- **Temperature**

- **Flow and Level**
  Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

- **pH and Conductivity**
  Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

- **Data Acquisition**

- **Pressure, Strain and Force**
  Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

- **Heaters**