

NORGREN EXCELON® PRESSURE REGULATORS



R72G-2AK-
RMG
£22.75



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



R73G-3AK-RMG, £31.50



R74G-4AK-RMG, £45.50,
shown without gage

All shown smaller
than actual size.

- 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) Droop
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

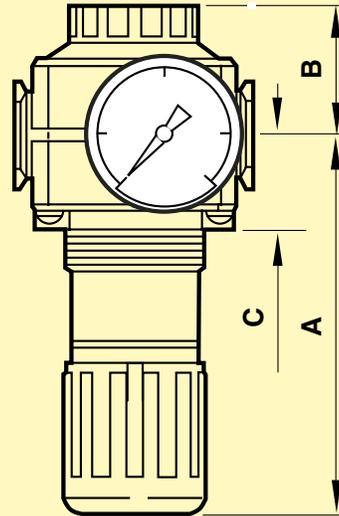
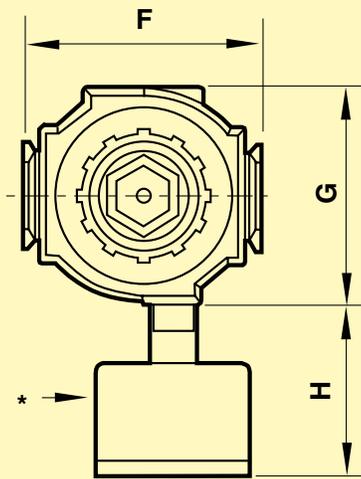
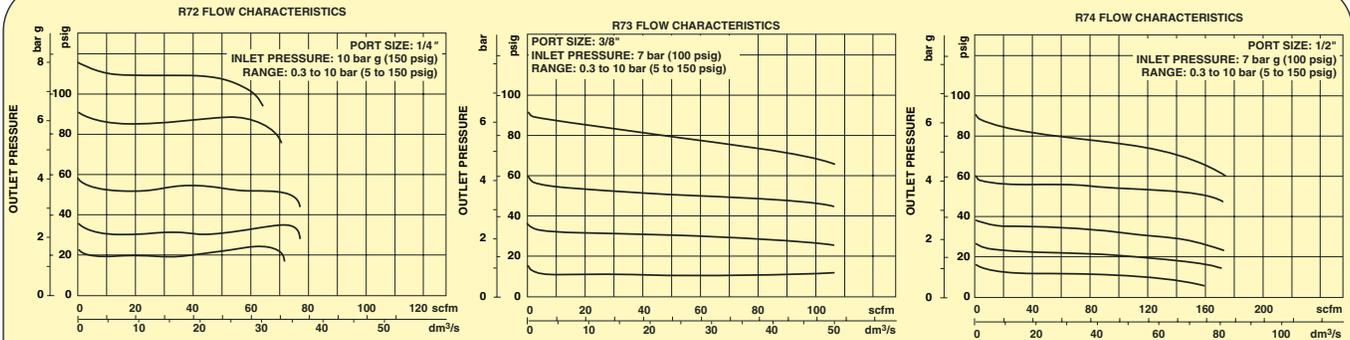
R70G-000-R00			
Series	Substitute	Gage	Substitute
72	2	With	G
73	3	Without	N
74	4	Outlet press adj range*	Substitute
Port size	Substitute	5 to 30 psig (72)	C
¼" (72, 73)	2	5 to 60 psig	F
⅜" (72, 73, 74)	3	5 to 150 psig	M
½" (73, 74)	4	10 to 250 psig**	S
¾" (74)	6	Adjustment	Substitute
Threads	Substitute	Knob	K
PTF	A	T-bar	T
ISO G parallel	G		

*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.



PERFORMANCE GRAPHS



*Optional gauge

DIMENSIONS

STANDARD DIMENSIONS (in)								
SERIES	A	B	C	F	G	H	PANEL DIA	PANEL DEPTH
72	2.87	1.30	1.02	1.97	1.89	1.38	1.57	0 to 0.16
73	3.78	1.54	1.22	2.68	2.44	2.20	1.89	0.07 to 0.25
74	5.00	1.69	1.22	3.15	2.91	2.20	2.05	0.07 to 0.25
METRIC DIMENSIONS (mm)								
72	72.9	33.0	25.9	50.0	48.0	35.1	39.9	0 to 4
73	96.0	39.1	31.0	68.1	62.0	55.9	48.0	1.8 to 6.4
74	127.0	42.9	31.0	80.0	73.9	55.9	52.1	1.8 to 6.4

To Order (Specify Model Number)

MODEL NO.	PRICE	PORT SIZE (in)	FLOW SCFM† (DM3/S)	WEIGHT kg (lb)
R72G-2AK-RMG	£22.75	¼	70 (33)	0.36 (0.79)
R73G-3AK-RMG	31.50	⅜	144 (68)	0.6 (1.36)
R74G-4AK-RMG	45.50	½	220 (105)	0.80 (1.77)

MOST POPULAR MODELS HIGHLIGHTED!

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 ¼" port, flow of up to 70 scfm, knob adjustment and PTF threads, £22.75. R73G-3AK-RMG, pressure regulator with ⅜" port, flow up to 144 scfm, knob adjustment and PTF threads, £31.50.



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CANADA

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