Olympian Regulator
3/4″, 1″, 1 1/4″,1 1/2″ Port Sizes

- **Olympian plug in design**
- **Robust and compact**
- **High flow unit with large valve and diaphragm**
- **Push to lock adjusting knob with tamper resistant option**
- **Excellent flow and regulation characteristics**

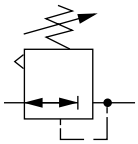
Technical Data

Fluid: Compressed air
Maximum pressure:
20 bar (290 psig)
Operating temperature*:
-20° to +80°C (0° to +175°F)
* Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).
Typical flow at 10 bar (150 psig) inlet pressure, 6,3 bar (90 psig) set pressure and a droop of 1 bar (15 psig) from set:
180 dm^3/s (381 scfm)
Gauge ports: ISO G1/8
Materials:
Body: Aluminium
Bonnet: Aluminium
Adjusting knob: Acetal resin
Valve: Brass
Optional T-bar adjusting screw: Steel
Yoke:Aluminium

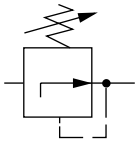
Ordering Information

See *Ordering Information* on the following pages.

ISO Symbols

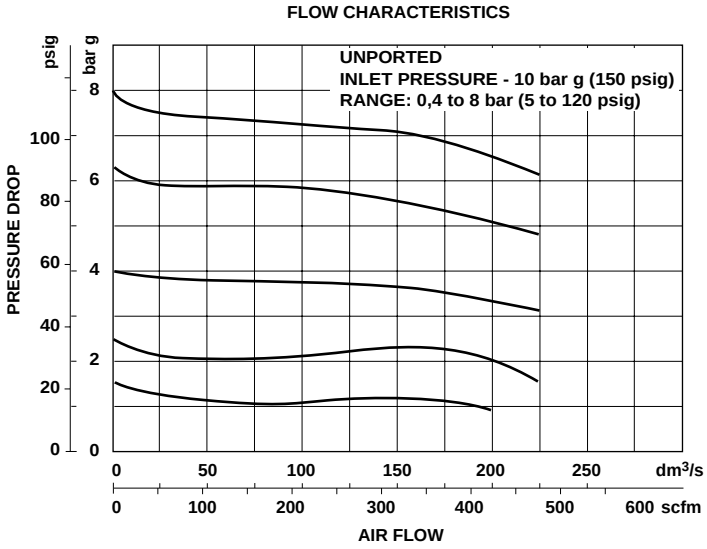


Relieving



Non Relieving

Typical Performance Characteristics



Ordering Information. Models listed include ISO G threads, knob adjustment, relieving diaphragm, 0,3 to 10 bar (5 to 150 psig) outlet pressure adjustment range* without gauge.

Port Size	Model	Weight kg (lb)
G3/4	R15-600-RNLD	2,04 (4.53)
G1	R15-800-RNLD	2,04 (4.53)
G1 1/4	R15-A00-RNLD	2,08 (4.62)
G1 1/2	R15-B00-RNLD	2,12 (4.71)

For replacement Regulator (without yoke) substitute **'0'** at 4th and **'O'** at 10th digits eg: R15-**0**00-RNL**O**.

Alternative Models

R 1 5 - ★ ★ ★ - ★ ★ ★ ★

Port Size	Substitute
3/4"	6
1"	8
1 1/4"	A
1 1/2"	B

Option	Substitute
Adjusting knob	0 0
T-bar	0 1**
Max. adjustment	2 0***

Thread	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	D

Outlet Pressure Adjustment Range*	Substitute
0 to 4 bar (0 to 60 psig)	F
0,4 to 8 bar (5 to 120 psig)	L
0,7 to 17 bar (10 to 250 psig)	S**

Gauge	Substitute
With	G
Without	N

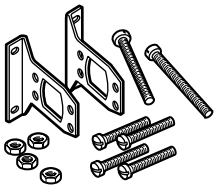
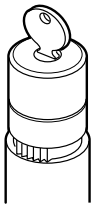
Type	Substitute
Relieving	R
Non relieving	N

* 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.

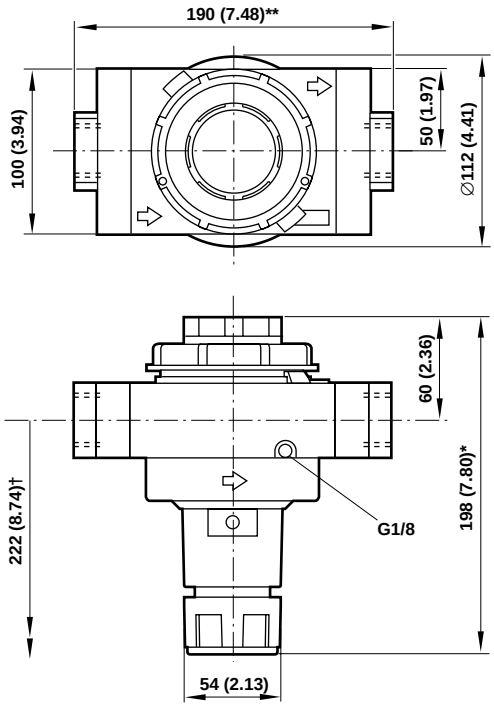
** Units with 17 bar (250 psig) adjustment range are available only with the T-bar adjustment; therefore substitute **'01'** at the 5th and 6th digits and **'S'** at the 9th position.

*** Contact Technical Sales for setting conditions.

Accessories

 Wall Mounting Bracket		 Key Lock Bonnet	 Ø 50 mm Pressure Gauge	R1/8 Connection	1/8 PTF Connection
G3/4	18-001-979	5803-98	4 bar (60 psig):	18-013-012	18-013-202
G1	18-001-979		10 bar (150 psig):	18-013-013	18-013-204
G1 1/4	18-001-978		25 bar (360 psig):	18-013-014	18-013-206
G1 1/2	N/A				

Dimensions mm (inches)



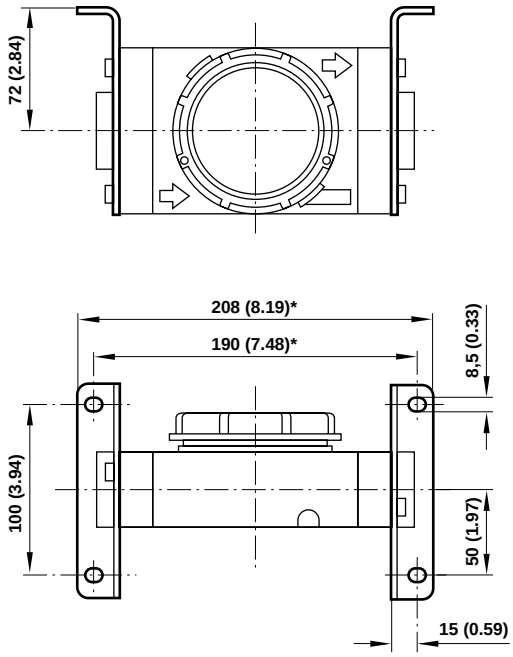
* Reduces by 4 mm (0.16″) with knob in locked position. Add 37 mm (1.46″) for unit with T-handle

† Minimum clearance required to remove unit.

** 200 mm (7.87) for 1 1/4″ and 1 1/2″ models

Bracket Mounting

Use 4 mm (5/32″) screws to mount bracket to wall.



Bracket Kit Reference

Item	Type	Part Number
Wall Bracket	3/4″ model	18-001-979
	1″ model	18-001-979
	1 1/4″ model	18-001-978
	1 1/2″ model	N/A

Service Kits

Item	Type	Part Number
Service kit	Relieving	R15-100R
	Non relieving	R15-100N

Service kit includes, valve spring, slip ring, valve assembly, diaphragm assembly and necessary seals and ‘o’ rings.

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **‘Technical Data’**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

Water vapor will pass through these units and will condense into liquid if air temperature drops in the downstream system. Install an air dryer if water condensation could have a detrimental effect on the application.