

AIR PREPARATION UNITS REGULATOR Series R1

Cat No R1 - 1 - 02 - 01

AIR REGULATOR - 3/4 & 1" SIZES

Features

- ❑ Conforms to ISO 6953 - 1
- ❑ Suitable for panel and modular mountings
- ❑ Non raising ' Press to Lock ' adjusting knob for locking at any set pressure
- ❑ Diaphragm operated, relieving type
- ❑ Pressure compensated by balanced poppet.
- ❑ Flow compensated (with venturi) for faster response
- ❑ Good flow and regulating characteristics.



Technical Specifications

Model	R17	
Medium	Compressed air - Filtered	
Port size	G3/4	G1
Pressure gauge port size	G1/4	
Flow rate lts / min @	5000	6000
Max Supply pressure	15 bar	
Regulating Pressure Range #	0.2 - 2 bar, 0.2 - 4 bar, 0.5 - 7 bar, 0.5 - 10 bar (Standard)	
Ambient / Medium temperature	5° - 60 ° C	
Installation	Any position	
Materials of construction	Aluminium, Brass, Steel, Acetal, SS, Nitrile	
Optional accessories *	Clamp, Modular mounting kit, Pressure gauge	
Weight	1.4 kg	1.3 kg

@ Inlet pressure 6 bar, and pressure drop 1 bar (For standard models)

For details see " How to order ".

* For details refer optional accessories Cat No. APA - 02

Precautions

1. Note the direction of flow before installation and connect piping accordingly.
2. Flush pipings for dirt, dust, rust and other foreign particles.
3. Install in clean atmosphere.
4. Nipples of taper threads (R) to be used with teflon tape. Ensure teflon tape does not enter the unit during tightening.
Nipples of straight threads (G) to be used with sealing washer.

Pressure Setting

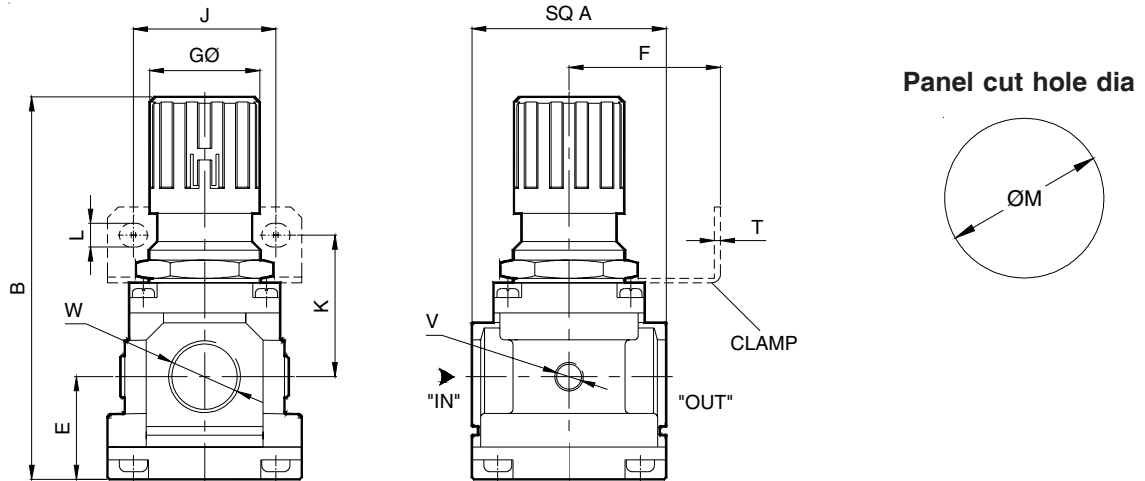
Pull the knob and adjust by turning the knob clockwise to increase the pressure. Push the knob back to its locked position. (Turning the knob counter clockwise will reduce the pressure)

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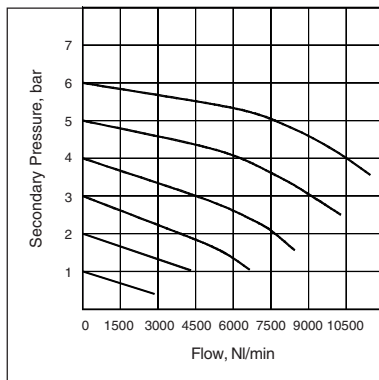
Model R1764, R1765



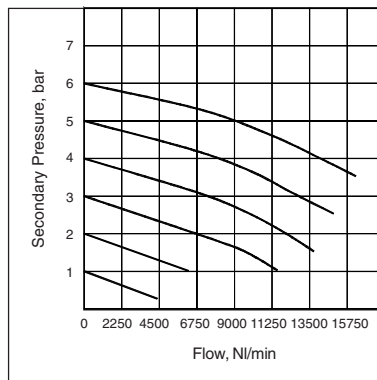
Model	W	V	A	B	E	F	GØ	J	K	L	T	ØM
R1764	G3/4	G1/4	SQ 90	177	47.5	70	51	66	65	11	5	51
R1765	G1	G1/4	SQ 90	177	47.5	70	51	66	65	11	5	51

Flow Graphs

3/4" REGULATOR



1" REGULATOR



How to order

R 1



Body & Port size
7 6 4 -- G 3 / 4
7 6 5 -- G 1



Pressure Range
1 --- 0.2 - 2 bar
2 --- 0.2 - 4 bar
3 --- 0.5 - 7 bar
4 --- 0.5 - 10 bar (Standard)

Ordering example :- Regulator - 3/4 size (with G 3/4 port), with pressure range 0.5 - 7 bar : Ordering No : R17643.
If ordered as 3/8 Regulator, our standard model R17644, G3/8 with pressure range 0.5 - 10 bar will be supplied

Subject to change