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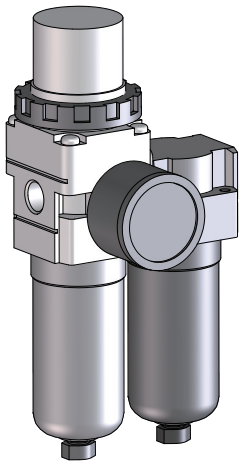
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OR60A, OR61A Automatic Drain Type Precision Compressed Air Filter/Regulator

Introduction

The OR60A and OR61A filter/regulators automatically and efficiently remove water and oil mist from the air, providing high-quality compressed air for pneumatic actuators and other applications, together with precise compressed air pressure control.



Key Features

- **Compact design**
- **High-efficiency filtration - 0.01um (99.9% capture efficiency)**
- **Automatic drain design - high flow, low pressure drop**
- **Quick-locking adjustment knob**
- **Standard option is a relieving metal bowl**
- **Other models available**

Applications

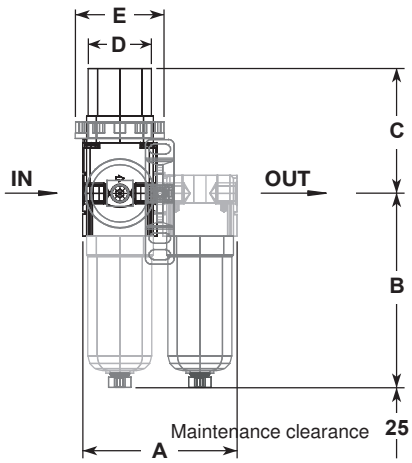
OR60A and OR61A provide high-quality, dry, oil-free compressed air.
High-quality compressed air is required for many applications. Typical applications include air bearings in machinery, air metering equipment, instrument air supplies, fluid systems, breathing air and pneumatic positioners.

Technical Data

Medium		Compressed air
Maximum inlet pressure		10 bar g
Ambient operating temperature		-5°C - +60°C

* At temperatures below +2°C, the air must be sufficiently dry to prevent freezing.

Filter element		0.01µm
Air port size	**OR60A**	¼" Rc
	OR61A	⅜" Rc
Pressure gauge port		⅛" Rc
Outlet pressure adjustment range		0.5 - 7 bar g
Automatic drain operation		When there is a sudden change in airflow or when the supply pressure drops, temporary spray-like discharge may occur.



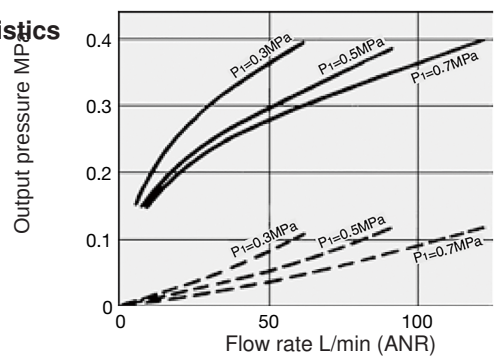
Material

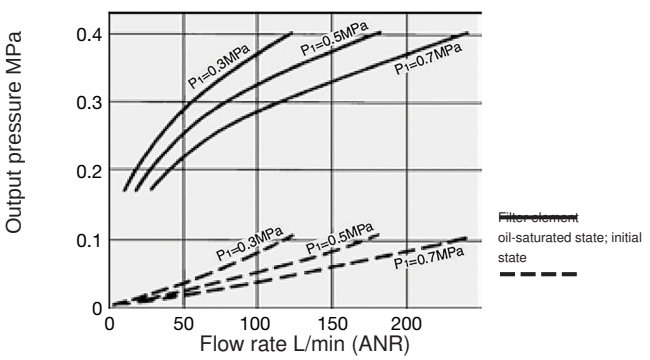
Filter bowl	Body	Cover	Filter element
Die-cast aluminium	Die-cast aluminium	Polyacetal	Non-woven fabric & glass fibre

Dimensions/weight (approx.) mm/kg

Model	A	B	C	D	E	Weight
OR60A	83.5	87.6	67.4	34	55	~0.3
OR61A	110.2	156.8	83.5	43	59	~0.6

Flow characteristics





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