

Air treatment units - AS Series

Connections: 1/4" - 1/2" - 1"

AS SERIES


 Adjustment knob
lock function

High mechanical strength

 Zinc and aluminium alloy body
Galvanised and epoxy powder coated

 Clear technopolymer bowl
Zinc alloy and painted aluminium casing

Semi-automatic condensate drain

 Modular assembly with
interchangeable elements

TECHNICAL CHARACTERISTICS

Functions	Filter - Pressure regulator - Lubricator					
Adjustment	Manual					
Materials	Body and bowl in zinc and aluminium alloy, galvanised and epoxy painted. Technopolymer adjustment knob Clear technopolymer tank. Passivated brass components, steel spring. Sintered bronze cartridge - NBR gaskets					
Note on materials	Compliant with REACH (1907/2006/EC and subsequent amendments)					
Connections	1/4" - 1/2" - 1" Gas					
Threads	Cylindrical gases (BSPP)					
Operating temperature	0°C ÷ +80°C (-20°C with dry air, to avoid ice formation)					
Group	Regulator filter + Lubricator	Filter + Regulator + Lubricator	Regulator filter	Regulator	Filter	Lubricator
Coding	AS FL ...	AS FRL ...	AS FR ...	AS R ...	AS F ...	AS L ...
Air flow rate	1/4"	700 NI/min	400 NI/min	850 NI/min	850 NI/min	1750 NI/min
Supply pressure: 6 bar	1/2"	2500 NI/min	2200 NI/min	2600 NI/min	2600 NI/min	4300 NI/min
(ΔP 1 bar)	1"	4600 NI/min	3700 NI/min	4600 NI/min	4600 NI/min	11000 NI/min
Filter element	Standard: 20 µm Fine (X): 4 µm	Standard: 20 µm Fine (X): 4 µm	Standard: 20 µm Fine (X): 4 µm	-	Standard: 20 µm Fine (X): 4 µm	-
Adjustment range	Standard: 0.1÷12 bar Precise: 0.1 ÷ 4 bar	Standard: 0.1÷12 bar Precise: 0.1 ÷ 4 bar	Standard: 0.1÷12 bar Precise: 0.1 ÷ 4 bar	Standard: 0.1÷12 bar Precise: 0.1 ÷ 4 bar	-	-
Weight	(1/4" - 1/2" - 1")	0.9 - 2 - 4 kg	1 - 2.5 - 5.8 kg	0.35 - 0.9 - 2.5 kg	0.3 - 0.8 - 2.2 kg	0.4 - 0.9 - 1.9 kg
Maximum inlet pressure	18 bar					
Fluid	Compressed air					

MATERIALS - AIR TREATMENT UNITS AS SERIES

POS	DESCRIPTION	MATERIALS	POS	DESCRIPTION	MATERIALS
①	Body / Bowl	Zinc and epoxy painted aluminium alloy	⑤	Dome	Clear technopolymer
②	Regulator unit	Black technopolymer	⑥	Adjustment screw	Passivated brass
③	Tank	Clear technopolymer	⑦	Inserts	Coloured technopolymer
④	Condensate drain	Technopolymer and brass	⑧	Screw	Galvanised steel

