



Air treatment units - BK0 Series

Connections: 1/4" - 3/8" - 1/2" - 3/4" - 1"

BK0 SERIES



- Adjustment knob lock function
- High quality compact design
- Body in fibre-reinforced PA66
- Clear technopolymer bowl
- Semi-automatic condensate drain
- Modular assembly with interchangeable elements

TECHNICAL CHARACTERISTICS

Functions	Filter - Pressure regulator - Lubricator							
Adjustment	Manual							
Materials	Body in fibre-reinforced PA66. Technopolymer adjustment knob Clear technopolymer bowl. Components in passivated brass, die-cast aluminium, steel spring. Sintered plastic polymer cartridge - NBR gaskets							
Note on materials	Compliant with REACH (1907/2006/EC and subsequent amendments)							
Connections	Size 0: 1/4" Gas Size 1: 1/4" Gas - 3/8" Gas Size 2: 3/8" Gas - 1/2" Gas Size 4: 3/4" Gas - 1" Gas							
Threads	Cylindrical gases (BSPP)							
Operating temperature	0°C ÷ +50°C (-10°C with dry air, to avoid ice formation)							
Group			Regulator filter + Lubricator	Filter + Regulator + Lubricator	Regulator filter	Regulator	Filter	Lubricator
Coding	Size	Connection	BK0. FR+L ...	BK0. FRL ...	BK0. FR ...	BK0. R ...	BK0. F ...	BK0. L ...
Air flow rate	0	1/4" Gas	600 NI/min	500 NI/min	1000 NI/min	1000 NI/min	950 NI/min	1400 NI/min
Supply pressure: 6 bar	1	1/4" Gas	1700 NI/min	1700 NI/min	2200 NI/min	2200 NI/min	2200 NI/min	2800 NI/min
(ΔP 1 bar)	1	3/8" Gas	1700 NI/min	1700 NI/min	2600 NI/min	2600 NI/min	2400 NI/min	2800 NI/min
	2	3/8" Gas	3500 NI/min	3500 NI/min	4300 NI/min	4300 NI/min	3500 NI/min	8000 NI/min
	2	1/2" Gas	3500 NI/min	3500 NI/min	5200 NI/min	5100 NI/min	3500 NI/min	8000 NI/min
	4	3/4" Gas	12000 NI/min	12000 NI/min	14000 NI/min	14000 NI/min	8000 NI/min	13000 NI/min
	4	1" Gas	12000 NI/min	12000 NI/min	14000 NI/min	14000 NI/min	8200 NI/min	13000 NI/min
Filter element			5 µm	5 µm	5 µm	-	5 µm	-
Adjustment range			0.1 ÷ 8 bar	0.1 ÷ 8 bar	0.1 ÷ 8 bar	0.1 ÷ 8 bar	-	-
Maximum inlet pressure	16 bar							
Fluid	Compressed air							

MATERIALS - AIR TREATMENT UNITS BK0 SERIES

POS	DESCRIPTION	MATERIALS	POS	DESCRIPTION	MATERIALS
①	Body	Fibre-reinforced PA66	④	Condensate drain	Technopolymer and brass
②	Regulator unit	Black technopolymer	⑤	Dome	Clear technopolymer
③	Bowl	Clear technopolymer	⑥	Adjustment screw	Passivated brass

