

BOGE compressed-air treatment units

BOGE condensate drainer



Filter/Water separator (max. 16 bar)

Compact modular design. Connections on both sides for other devices.
Manual or automatic condensate drainage.

Connection size		G 1/4	G 3/8	G 1/2	G 3/4
Dimensions: Installed length	Width mm	40	48	70	70
	Height mm	120	158	202	202
Nominal flow rate at 6 bar inlet pressure (p ₁) and pressure drop Δp = 1 bar		m³/min			
		1.8	2.0	3.2	3.5



Pressure relief valve with gauge (max. 25 bar)

Compact modular design. Connections on both sides for other devices.
Setting can be locked by pushing in the large handwheel.

Connection size		G 1/4	G 3/8	G 1/2	G 3/4
Dimensions: Installed length	Width mm	40	48	70	70
	Height mm	105	98	134	134
Nominal flow rate at 10 bar intake pressure (p ₁), 6 bar secondary pressure (p ₂) and pressure drop Δp = 1 bar to DIN ISO 6953		m³/min			
		2.0	3.2	7.0	8.0



Lubricator (max. 16 bar)

Compact modular design. Integrated quantity compensation.
Connections on both sides for other devices.

Connection size		G 1/4	G 3/8	G 1/2	G 3/4
Dimensions: Installed length	Width mm	40	48	70	70
	Height mm	140	171	224	224
Nominal flow rate at 6 bar intake pressure (p ₁) and pressure drop Δp = 1 bar		m³/min			
		3.4	4.4	4.6	7.5



Combined filter/pressure relief valve with gauge (max. 16 bar)

Compact modular design. Manual or automatic condensate drainage.
Pressure relief valve with secondary venting. Setting can be locked by pushing in the large handwheel.

Connection size		G 1/4	G 3/8	G 1/2	G 3/4
Dimensions: Installed length	Width mm	40	48	70	70
	Height mm	175	203	273	273
Nominal flow rate at 10 bar inlet pressure (p ₁), 6 bar secondary pressure (p ₂) and pressure drop Δp = 1 bar to DIN ISO 6953		m³/min			
		2.0	3.0	5.5	6.5

Accessories: Fastening bracket (wall-mounting), coupling set, 30 micron filter set, 5 micron filter set, 30 micron filter/regulator cartridge set, 5 micron filter/regulator cartridge set

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Pressure reducer

With balanced single-seat valve (transmits no pressure fluctuations from the intake pressure side to the outlet pressure side) or with non-balanced single-seat valve (transmits pressure fluctuations from the intake pressure side to the outlet pressure side).



Bekomat electronic level-controlled condensate drain

NO COMPRESSED AIR LOSS

Capacitive level sensing ensures that drainage adapts to actual condensate quantity without loss of compressed air. Intelligent control electronics regulate discharge and monitor device status.

MONITORING FUNCTION

Faults are indicated on the drainer via LED and forwarded via potential-free contact (not with Bekomat 31) to central monitoring points. This ensures a high degree of operating reliability.

Electronic control, level-controlled

BOGE model	Max. compressor capacity m ³ /min	Max. dryer capacity m ³ /min 100% saturated	Application*	Dimensions in mm W x D x H	Connection in/out
Bekomat 31	2.5	5.0	a, b	164 x 65 x 118	G 1/2 / G 1/4
Bekomat 32	5.0	10.0	a, b	179 x 74 x 127	G 1/2 / G 1/4
Bekomat 12	6.5	13.0	a	65 x 150 x 141	G 1/2 / G 3/8
Bekomat 13	30.0	60.0	a	93 x 212 x 162	G 1/2 / G 1/2
Bekomat 14	130.0	260.0	a	120 x 252 x 180	G 3/4 / G 1/2
Bekomat 16 CO	1400.0	2800.0	a, b	280 x 280 x 280	G 3/4 / G 1/2

* Figures for Central European climate

a = Condensate containing oil

b = Oil-free, aggressive condensate