

SECCANT

REGENERATION DRYERS FOR AIR AND GAS

The regeneration dryers in the SECCANT series by BAUER KOMPRESSOREN for the pressure range from 90 to 350/420 bar are designed to dry air and gases in applications involving high operating hours, free air delivery rates and ambient temperatures.

OPTIONS

- › **The B-SECURUS filter monitoring system** monitors the saturation of the filter cartridge with moisture.
- › **In the A version (active charcoal)** the regeneration dryer is equipped with an active charcoal filter cartridge to remove oil and hydrocarbons.
- › **The regeneration dryer** features an integrated dew point monitor which continuously measures and displays the humidity of the compressed air.
- › **The gas-tight model** is designed for loss-free treatment of noble gases.
- › **CO conversion:** Toxic carbon monoxide (CO) in the air is converted into carbon dioxide (CO₂). As CO levels in air are low, the increase in CO₂ concentration is minimal.

FEATURES

- › **Safe continuous treatment of air and gas**
- › **Up to 3500 l/min**
- › **90 – 350/420 bar**

FURTHER INFORMATION

- › The compressed air or gas is continuously dried in two drying chambers working in parallel – one in drying mode, the second in regeneration mode.
- › The use of a dedicated control as standard for the regeneration dryers in the SECCANT series means that the dryers are able to operate independently of the compressor control.



SECCANT III-A

- 1.** Air/gas inlet
- 2.** Condensate separator
- 3.** Change-over module
- 4.** Drying chambers
- 5.** Oil removal filter/B-SECURUS
- 6.** Particle filter
- 7.** Air/gas outlet with pressure maintaining valve
- 8.** B-CONTROL

TYPE	FLOW RANGE	PRESSURE RANGE			DIMENSIONS ¹
	l/min	90 - 350	350 - 400	350 - 420	W x D x H [mm]
SECCANT III (-A)	500 - 1500	●		●	1200 x 258 x 1254
SECCANT IV (-A)	1500 - 3500	●	●		1400 x 261 x 1284

¹ Dimensions of SECCANT III-A/SECCANT IV-A (with active charcoal filter), without additional elements. For details, see the data sheet or dimension drawing.