


SECCANT REGENERATIVE DRYER

For Air and Gas

- › **Discharge Pressure**
1300 to 6000 psig
90 to 414 bar
- › **Capacity**
53 to 125 scfm
1500 to 3500 l/min
- › **Power**
115 or 230 V 50/60 Hz



SECCANT regenerative dryers are the ideal solution for cost effective drying of high pressure compressed air and select gases for continuous-duty applications. Seccant dryers are standard with BAUER'S B-Control electronic controller which provides the control for the automatic operation of the dryer. B-Control includes a backlit display for continuous status display of the dryer's operation. The highly efficient design of the Seccant dryer range has a purge rate of only 5% and a low power consumption of only 0.02 kWh.

Seccant Regenerative Dryer

- 1 Controller
- 2 Dryer tower
- 3 Change-over module
- 4 Oil and water separator
- 5 Safety valve
- 6 Exhaust muffler for purge gas
- 7 Pneumatic actuator
- 8 Condensate drain valves
- 9 Final pressure switch (option)
- 10 Pressure maintaining valve
- 11 Dryer tower
- 12 Purifier housing (A version)
- 13 Particulate filter
- 14 Securus (option)



Technical Data

Model	Flow rate		Air / gas connection Ø mm	Condensate connection Ø mm	Regeneration air / gas volume % compressor flow	Dimensions depth x width x height		Weight	
	scfm	l/min				inches	cm	lb	kg
1300 - 6100 psig (90 - 420 bar)									
SECCANT 3	55	1500	10	15	5	10 x 45 x 49	26 x 115 x 125	330	150
SECCANT 3A	55	1500	10	15	5	10 x 53 x 49	26 x 135 x 125	400	182
1300 - 5800 psig (90 - 400 bar)									
SECCANT 4	125	3500	12	8	5	10 x 65 x 50	26 x 165 x 129	728	330
SECCANT 4A	125	3500	12	8	5	102 x 648 x 506	260 x 1645 x 1285	794	360

Purification focus	Breathing air	Medical air ¹⁾ European	Industrial air	Industrial air ²⁾	Nitrogen/ rare gases
	DIN EN 12021	Pharmacy reg.		DIN EN ISO 8573-1	
SECCANT 3			•		
SECCANT 3A	•	•		•	•
SECCANT 4			•		
SECCANT 4A	•	•		•	•

1) CO₂ removal by a separate system. 2) Oil content class 2 and humidity class 3. • Required to fulfill the regulation. Dimensions and weight are approx.



North Carolina
 210 Labrador Drive
 Randleman, NC 27317
 Phone 336.674.0749
 FAX 336.674.3688
www.safeairsystems.com

North Carolina, South Carolina,
 Virginia, Maryland, Delaware
 and the District of Columbia
1.800.424.8633