



Technical data delair[®] GD 31 - GD 1101

Introduction Pressurizers GD 31 to GD 1101

Each delair[®] pressurizer of the GD 31 - GD 1101 range is produced with two heat-regenerated adsorbers, an air compressor, a pressure switch, a pressure relief valve and an electronic control print. The combination results in a pressurizer which is suitable for fully continuous and automatic operation

Standard GD 31 up to GD 1101		Model A	Model B	Model X
Operating time indicator		•	•	•
Potential-free low pressure alarm contact		•	•	•
Pressure gauge		•	•	•
Safety relief valve		•	•	•
R.F. filter		•	•	•
Electric fuse		•	•	•
Outlet with valve and a connector	1	•	•	•
placing tubing 6 mm O.D.	3	○	○	○
Other outlet connections on request	6	○	○	○
Optical colour humidity indicator		•	•	•
Relative humidity alarm		-	-	•
Heater defect alarm		-	•	•
Power failure alarm		-	•	•
Potential-free general alarm contact (SPDT)		-	•	•
General alarm lamp		-	•	
Status information panel		-	-	•
Wall mounting and rack mounting brackets		○	○	○
Tropical execution (ambient dew point > +19°C)		○	○	○
Medium		Ambient air		
Operation		Fully automatic and continuous		
Location		Indoors		
Enclosure		IP 40		
Ambient temperature		-10°C - +45°C		
Relative humidity		Max. 95%		
Outlet dew point Full load, 23°C inlet, 83% R.H.		< -40°C		
Standard pressure range Many other pressure ranges on request		7 mbar - 12 mbar		
		11.5 mbar - 15.5 mbar		
		20 mbar - 30 mbar		
		40 mbar - 80 mbar		
Power supply		110V, 230V, 50/60 Hz		
		24V, 48V, 60V DC		
Drying time		6 hours		
Regeneration time		3 hours		
Stand-by time		depending on requirements		

• standard
○ optional
- not applicable

Technical data

Model		Outlet capacity	Power consumption			Sound level	Dimensions			Weight
			Drying	Regeneration	Stand-by		Width	Depth	Height	
			l/h	W	W		W	mm	mm	
GD 31	7R	30	10	55	5	< 50	114	204	580 ¹⁾	10
	19"						482.6	255	122	
GD 51	7R	50	10	55	5	< 50	114	204	580 ¹⁾	10
	19"						482.6	255	122	
GD 101	7R	100	60	125	10	< 58	114	204	900 ¹⁾	20
	19"						482.6	350	122	
GD 201	7R	200	65	130	15	< 58	114	204	940 ¹⁾	20
	19"						482.6	400	122	
GD 301	7R	300	70	135	15	< 58	114	204	1020 ¹⁾	25
	19"						482.6	400	122	
GD 401	7R	400	80	250 ²⁾	15	< 58	114	204	1140	30
	19"						482.6	on request		
GD 601	7R	600	90	400 ²⁾	15	< 58	356	204	900	35
	19"						482.6	on request		
GD 1101	7R	1100	110	400 ²⁾	15	< 58	356	204	900	35
	19"						482.6	on request		

1) For model X, add 120 mm to the height

2) Regeneration heater is equipped with thermostats, which lower the average energy consumption.