

# Breathing air system

## DASZ-P 1-2 to DASZ-P 143-2

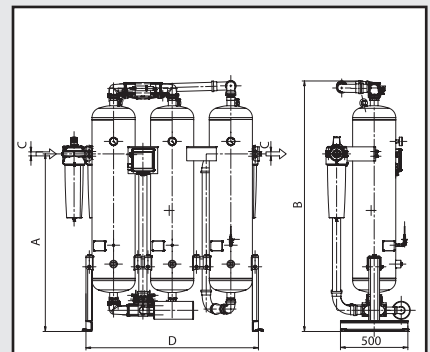


### Breathing air system DASZ-P 1-2 to DASZ-P 14-2

Efficient treatment unit for industrial and medical breathing air to European Pharmacopoeia, for volume flow rates of up to 139 m<sup>3</sup>/h.

#### SCOPE OF SUPPLY

Adsorption dryer with heatless regeneration, with integrated purification/catalytic stage, by way of a compact unit ready for wall- or floor-mounting, including pre- and after-filter; optionally available with built-in dewpoint control.



DASZ-P 88-2 to DASZ-P 143-2

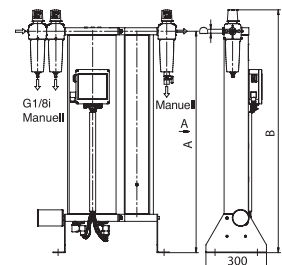


### Breathing air system DASZ-P 18-2 to DASZ-P 143-2

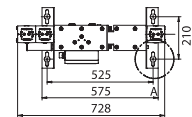
Efficient treatment unit for industrial and medical breathing air to European Pharmacopoeia, for volume flow rates of up to 1 371 m<sup>3</sup>/h.

#### SCOPE OF SUPPLY

Adsorption dryer with heatless regeneration, with integrated purification/catalytic stage, by way of a compact unit ready for floor installation, including pre- and after-filter; optionally available with built-in dewpoint control.



DASZ-P 9-2 to DASZ-P 14-2



**The reliable and efficient solution to medical breathing air:** The DASZ-P series treatment units produce breathing air for industrial and medical applications, including to European Pharmacopoeia standards. The compressed air is dried and decontaminated in two vessels via Pressure Swing Adsorption. This, combined with the integrated filter and the integrated purification/catalytic stage, efficiently and reliably produces compressed air for the most sensitive requirements.

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BOGE model	Capacity (at 13 bar)	Connection	Dimensions W x D x H	Weight kg
	m <sup>3</sup> /h		mm	
DASZ-P 1-2	13	G ¼	525 x 400 x 216	16.5
DASZ-P 2-2	24	G ¼	525 x 575 x 216	21.5
DASZ-P 4-2	40	G ¼	525 x 825 x 216	29.0
DASZ-P 6-2	56	G ¼	525 x 1075 x 216	36.0
DASZ-P 9-2	90	G ½	728 x 1203 x 300	75.0
DASZ-P 11-2	116	G ½	728 x 1428 x 300	85.0
DASZ-P 14-2	139	G ¾	728 x 1630 x 300	97.0
DASZ-P 18-2	158	G 1	ca. 1270 x 1070 x 480	169.0
DASZ-P 23-2	210	G 1	ca. 1270 x 1320 x 480	196.0
DASZ-P 29-2	274	G 1	1055 x 1530 x 490	237.0
DASZ-P 39-2	371	G 1½	1055 x 1760 x 530	286.0
DASZ-P 51-2	484	G 1½	1350 x 1810 x 585	341.0
DASZ-P 62-2	589	G 1½	1400 x 1820 x 605	435.0
DASZ-P 88-2	839	G 2	1455 x 1870 x 635	435.0
DASZ-P 118-2	1129	G 2	1610 x 2000 x 635	562.0
DASZ-P 143-2	1371	G 2½	1650 x 2020 x 670	705.0

Correction factors f according to actual minimum operating pressure in bar (e) for pressure dew point –25°C and 40°C

Minimum operating pressure in bar (e)	Dryer inlet temperature in °C					
	25	30	35	40	45	50
5	0.47	0.46	0.44	0.40	0.36	0.34
6	0.55	0.54	0.52	0.45	0.40	0.38
7	0.63	0.62	0.60	0.50	0.44	0.43
8	0.72	0.70	0.68	0.60	0.54	0.52
9	0.79	0.78	0.75	0.63	0.60	0.55
10	0.87	0.86	0.80	0.65	0.63	0.61
11	0.80	0.79	0.75	0.64	0.61	0.59
12	0.92	0.91	0.89	0.78	0.73	0.67
13	1.03	1.02	1.00	0.91	0.82	0.79
14	1.16	1.15	1.13	1.00	0.94	0.86
15	1.30	1.28	1.26	1.08	1.03	0.99