

JOURNEY OF AIR

0,17-36,7
m³/min

5-1250
cfm

16
bar



MEDICAL AIR DRYERS

High-quality compressed air is crucial to many industries and plays a particularly vital role in breathing air applications. Dalgakiran breathing air purifiers are designed to destroy harmful substances in the air in accordance with applicable standards.

Contaminants	CSA Z180.1	European Pharmacopoeia	OHSA Grade D
Water	Pressure dew point of 5°C below lowest system temp.	67 ppm [-45°C atmospheric dew point]	-
Oil/Lubricant	<1 mg/m ³	0,1 mg/m ³	5 mg/m ³
Carbon Dioxide (CO ₂)	<500 ppm	<500 ppm	<1000 ppm
Carbon Monoxide (CO)	<5 ppm	<5 ppm	<10 ppm
Nitrogen Oxides (NO+NO ₂)	-	<2 ppm	-
Sulphur Dioxide (SO ₂)	-	<1 ppm	-
Oxygen (O ₂)	-	21±1	-
Taste and Odor	-	Free	-

Model	Capacity		Max. Pressure (bar)	Connection Size	Replacement Filter Kit Model	Voltage	
	(m ³ /min)	(cfm)					
DBS 5	0,17	5	16	G 1/2"	G100-ELM	230/1/50-60	MODULAR
DBS 10	0,33	10	16	G 1/2"	G100-ELM	230/1/50-60	
DBS 15	0,42	15	16	G 1/2"	G100-ELM	230/1/50-60	
DBS 20	0,58	20	16	G 1/2"	G100-ELM	230/1/50-60	
DBS 25	0,75	25	16	G 1/2"	G150-ELM	230/1/50-60	
DBS 30	0,83	30	16	G 1/2"	G200-ELM	230/1/50-60	
DBS 40	1,17	40	16	G 1 1/2"	G250-ELM	230/1/50-60	
DBS 50	1,42	50	16	G 1 1/2"	G300-ELM	230/1/50-60	
DBS 60	1,67	60	16	G 1 1/2"	G500-ELM	230/1/50-60	
DBS 75	2,17	75	16	G 1 1/2"	G600-ELM	230/1/50-60	
DBS 100	2,83	100	16	G 1 1/2"	G851-ELM	230/1/50-60	
DBS 120	3,33	120	16	G 1 1/2"	G1210-ELM	230/1/50-60	
DBS 180	5,00	180	16	G 1 1/2"	ELM 300	230/1/50-60	
DBS 240	6,67	240	16	G 1 1/2"	ELM 300	230/1/50-60	
DBS 250	7,33	250	16	G 1 1/2"	ELM 300	230/1/50-60	TWIN TOWER
DBS 300	9,60	300	16	G 1 1/2"	ELM 600	230/1/50-60	
DBS 400	11,3	400	16	G 2"	ELM 600	230/1/50-60	
DBS 500	14,2	500	16	G 2"	ELM 600	230/1/50-60	
DBS 600	16,7	600	16	G 2"	ELM 600	230/1/50-60	
DBS 700	20,8	700	16	DN80	ELM 800	230/1/50-60	
DBS 800	25,0	800	16	DN80	ELM 1200	230/1/50-60	
DBS 1000	28,3	1000	16	DN80	ELM 1200	230/1/50-60	
DBS 1250	36,7	1250	16	DN80	ELM 1600	230/1/50-60	