

MEDICAL AIR DRYERS

0,17-36,7
m³/min

5-1250
cfm

16
bar



Our medical air dryers will provide the clean, dry air necessary to keep your breathing air treatment processes safe. It is designed to be used as an addition to your plant air source by converting compressed air to breathable air for those individuals working in and around a hazardous process. Hertz breathing air purifiers are provided 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)					
HBS 5	0,17	5	16	G 1/2"	G100-HELM	230/1/50-60	MODULAR
HBS 10	0,33	10	16	G 1/2"	G100-HELM	230/1/50-60	
HBS 15	0,42	15	16	G 1/2"	G100-HELM	230/1/50-60	
HBS 20	0,58	20	16	G 1/2"	G100-HELM	230/1/50-60	
HBS 25	0,75	25	16	G 1/2"	G150-HELM	230/1/50-60	
HBS 30	0,83	30	16	G 1/2"	G200-HELM	230/1/50-60	
HBS 40	1,17	40	16	G 1 1/2"	G250-HELM	230/1/50-60	
HBS 50	1,42	50	16	G 1 1/2"	G300-HELM	230/1/50-60	
HBS 60	1,67	60	16	G 1 1/2"	G500-HELM	230/1/50-60	
HBS 75	2,17	75	16	G 1 1/2"	G600-HELM	230/1/50-60	
HBS 100	2,83	100	16	G 1 1/2"	G851-HELM	230/1/50-60	
HBS 120	3,33	120	16	G 1 1/2"	G1210-HELM	230/1/50-60	
HBS 180	5,00	180	16	G 1 1/2"	HELM 300	230/1/50-60	
HBS 240	6,67	240	16	G 1 1/2"	HELM 300	230/1/50-60	TWIN TOWER
HBS 250	7,33	250	16	G 1 1/2"	HELM 300	230/1/50-60	
HBS 300	9,60	300	16	G 1 1/2"	HELM 600	230/1/50-60	
HBS 400	11,3	400	16	G 2"	HELM 600	230/1/50-60	
HBS 500	14,2	500	16	G 2"	HELM 600	230/1/50-60	
HBS 600	16,7	600	16	G 2"	HELM 600	230/1/50-60	
HBS 700	20,8	700	16	DN80	HELM 800	230/1/50-60	
HBS 800	25,0	800	16	DN80	HELM 1200	230/1/50-60	
HBS 1000	28,3	1000	16	DN80	HELM 1200	230/1/50-60	
HBS 1250	36,7	1250	16	DN80	HELM 1600	230/1/50-60	