



# International Breathing Air Standards

Item	United Kingdom		European-Draft	Germany	Holland	USA	Canada	AUS/NZ	The Air Doctor Breathing Air Purifiers
	BS4275 1997	BCAS GS901031 1990	PrEN 12021 1997	DIN 3188 1984	P112-1 1985	ANSI/CGA G-7-1 1989 OSHA Grade D	Z180-1 -M85 1985	AS/NZS 1715:19 94	
Nitrogen		Not specified				19.5-23.5%	Not specified		
Oxygen	20-23%	18-24%	21 +/- 1%	20-21%	20-21%	Approx. 21.5%	19.5-22.5%	19.5-22%	
Carbon Dioxide	500ppm	<500ppm	500ppm	1000ppm	1000ppm	1000ppm	500ppm	<800mg /m3	300 ppm
Carbon Monoxide	5ppm	<5ppm	<15ppm	30ppm	5ppm	10ppm	5ppm	10ppm	<5 ppm
Oil Mist	0.5mg/m3	<0.5ppm		Not specified	0.1mg/m3	5mg/m3	1mg/m3	1mg/m3	0.003mg/m3
Pressure Dewpoint	5 degC below lowest temp	At least 5 degC below min.temp	At least 5 degC below min.temp	-50 degC pdp	-50 degC pdp	10 degF below lowest temp.	Pdp at 5 degC below system	100mg/m3	-40 degC pdp
Halogenated Hydrocarbons	<10% OEL	<10% LTEL	<10% LTEL	Not specified	Not specified	Not specified	5 ppm	Not specified	Not specified
Solid Particles	<10% OEL	<LTEL Respirable Dust	<LTEL	Not specified	Not specified	Not specified	1mg/m3	Not specified	0.01 mg/m3
Odours	None	None	None	None	Not specified	No pronounced odour	None	No nauseous odour	None
Nitrous Oxide Nitrogen Dioxide Sulphur Dioxide	<10% OEL	<10% LTEL	<10% LTEL	Not specified	Not specified	Not specified	<10% TLV	Not specified	<10% LTEL