

Breathing Air Quality Standards

	Europe Pharmacopée Européenne	Europe EN 12021	Europe EN 737-3	USA ANSI/CGA	Canada Z 180	Australia	New Zealand NZS5813 1-M851985	MPS A Series	MPS C Series Plus MS/AC/H cartridges
Carbon Monoxide CO [ppm] <	5	15	5	20	5	10	10	5	5
Carbon Dioxide CO ₂ [ppm] <	500	500	1000	1000	500	900 mg/m ³	900 mg/m ³	500	500
Water Vapour / pressure dew point	< 60 ppm	5° C below dew point	5° C below dew point		5° C below dew point	100 mg/m ³	100 mg/m ³	40° C	40° C
Sulphur Dioxide SO ₂ [ppm] <	1								1
Nitrous Fumes NO _x [ppm] <	2								2
Nitrogen Dioxide NO ₂ [ppm] <	2								2
Oil Vapour / Residual Oil Content [mg/m ³] <	0,1	0,5	0,5	5	1	1	1	0,003	0,003
Nitrogen N ₂ [%] =						79 ±2		79 ±1	79 ±1
Oxygen O ₂ [%] =	21 ±1	21 ±1		21 ±2	21 ±2		21 ±2	21 ±1	21 ±1
Dirt Particles			Class P3 in EN 143		<1 mg/m ³			0,01 at 99,99999%	
Odour & Taste	Free	Free		Free	Free	Free	Free	Free	Free
Nitrous Oxide NO ₂ S [ppm] <					2,5				2