

### Compressed Air Quality Recommendations: ISO Standard 8573-1:2010 [7:4:3]

Purity Class	Particles			By Mass mg/m <sup>3</sup>	Water		Oil
	Max. Number of Particles per m <sup>3</sup>				Vapor Pressure Dewpoint	Liquid	Aerosol, Liquid, and Vapor)
	0.1 - 0.5 microns	0.5 - 1 microns	1 - 5 microns			g/m <sup>3</sup>	mg/m <sup>3</sup>
0	As specified by the equipment user or supplier						
1	≤ 20,000	≤ 400	≤ 10	-	≤ -70° C / ≤ -94° F	-	≤ 0.01
2	≤ 40,000	≤ 6,000	≤ 100	-	≤ -40° C / ≤ -40° F	-	≤ 0.1
3	-	≤ 90,000	≤ 1,000	-	≤ -20° C / ≤ -4° F	-	≤ 1
4	-	-	≤ 10,000	-	≤ +3° C / ≤ +37 F	-	≤ 5
5	-	-	≤ 100,000	-	≤ +7° C / ≤ +45 F	-	-
6	-	-	-	0 - ≤ 5	≤ +10° C / ≤ +50 F	-	-
7	-	-	-	5 - ≤ 10 (≤ 40 microns)	-	≤ 0.5	-
8	-	-	-	-	-	≤ 5	-
9	-	-	-	-	-	≤ 10	-



**MAC Minimum Air Quality Recommendations for use with our products: 7:4:3**

**Particulates 7: ≤ 40 microns**

**Water 4: Vapor Pressure Dew Point ≤ +3°C / ≤ +37°F**

**Oil 3: ≤ 1mg/m<sup>3</sup>**