

AIR LINE DESIGN	AIR LINE DESIGN 1	APPLICATION	ISO 8573.1: 2010 CLASS
<p>COMPRESSOR, AFTER-COOLER, MOISTURE SEPARATOR, RECEIVER TANK, EXTERNAL AUTO DRAIN</p>	<p>COMPRESSED AIR FILTERS</p>	SIMPLE	2.-3
	<p>COMPRESSED AIR FILTERS, REFRIGERANT AIR DRYER, COMPRESSED AIR FILTERS</p>	GENERAL PURPOSE	1.4.1
	<p>COMPRESSED AIR FILTERS, REFRIGERANT AIR DRYER, COMPRESSED AIR FILTERS</p>	ODORLESS	1.4.1
	<p>COMPRESSED AIR FILTERS, COMPRESSED AIR FILTERS, DESICCANT DRYER, COMPRESSED AIR FILTERS</p>	CRITICAL	1.2.1 (-40 °C / -40°F) 1.1.1 (-70 °C / -94 °F)

Purity Class	ISO 8573.1: 2010 Compressed Air Quality Standard							
	Solid Particulate				Water		Oil	
	Max. number of Particles per m ³			Particle Size (micron)	Concentration (mg/m ³)	Vapor Pressure Dew Point	Liquid (g/m ³)	Total Oil (Aerosol, Liquid and Vapor) (mg/m ³)
	0.1-0.5 micron	0.5-1 micron	1-5 micron					
0	As specified and determined by equipment user and supplier							
1	≤20000	≤400	≤10	-	-	≤-70°C	-	≤0.01
2	≤400000	≤6000	≤100	-	-	≤-40°C	-	≤0.1
3	-	≤900000	≤1000	-	-	≤-20°C	-	≤1
4	-	-	≤10000	-	-	≤+3°C	-	≤5
5	-	-	≤100000	-	-	≤+7°C	-	-
6	-	-	-	5	5	≤+10°C	-	-
7	-	-	-	40	10	-	0.5	-
8	-	-	-	-	-	-	5	-
9	-	-	-	-	-	-	10	-

for Solid Particles	for Water	for Oil
Element Type P - Class 3	Mikropor Refrigerated Air Dryers are Class 4	Element Type P - Class 3
Element Type X - Class 2		Element Type X - Class 2
Element Type Y - Class 1	Mikropor Desiccant Air Dryers are Class 1 and 2	Element Type Y - Class 1
Element Type A - N/A		Element Type A - Class 1 (when used with Y)