



Filter Selection Guide

Recommended Ingersoll Rand filter model to achieve defined ISO Air Quality Class

ISO 8573-1:2010 class	Solid Particles				Water		Oil
	Maximum number of particles per m3			Mass Concentration mg/m3	Vapor pressure Dewpoint	Liquid g/m3	Total Oil mg/m3
	0.1-0.5 micron	0.5-0.1 micron	1-5 micron				
0	As specified by the equipment user or supplier and more stringent than Class1						
1	D + G + H				HL Dryer [-70°C]	*	G+H+A
2	D+G				HL or HB Dryer [-40°C]	*	G+A
3	D+G				HL or HB Dryer [-40°C]	*	G
4	D+G				Refrigerated Dryer	*	G
5	D+G				Refrigerated Dryer	*	G
6	*	*	*	*	*	*	*
7	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*
X	*	*	*	*	*	*	*
High Quality Air							
1:1:1	D+G+H				-70°C HL		H+A
1:2:1	D+G+H				-40°C HL		H+A
1:3:1	D+G+H				-20°C HL		H+A
General Purpose							
1:1:2	D+G+H				-70°C HL		G+A
1:2:2	D+G+H				-40°C HL		G+A
1:3:2	D+G+H				-20°C HL		G+A