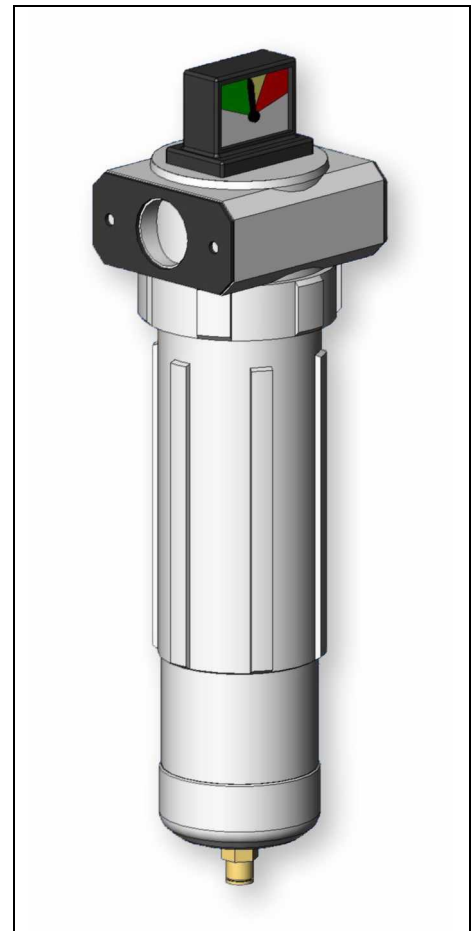

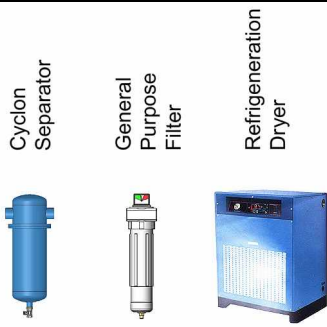
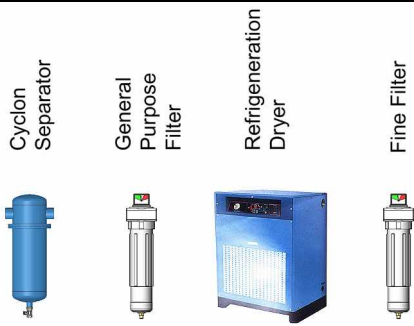
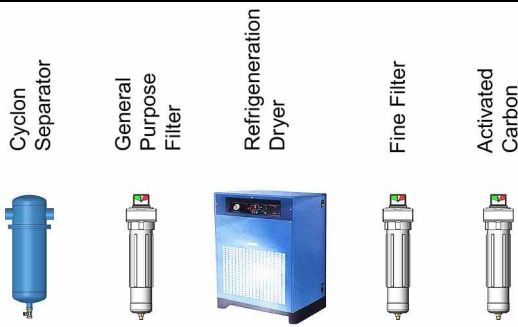
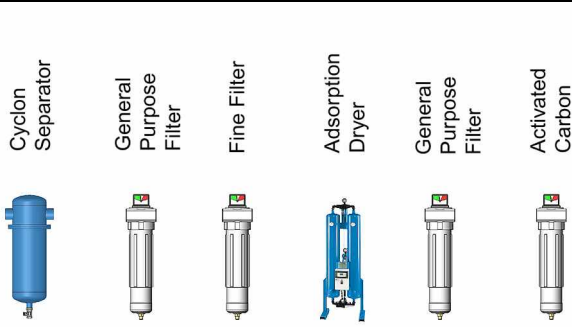


Compressed Air **TREATMENT**



TAHSEER SCREW OR PISTON COMPRESSORS

Compressed Air Treatment Stages	Compressed Air Applications	ISO 8573-1		
		Oil	Dust	Water
<p>Cyclon Separator General Purpose Filter</p> 	<ul style="list-style-type: none"> Sand blasting Simple painting work Simple pneumatic tools Low cost automation Particle removal only 	0	3	0
<p>Cyclon Separator General Purpose Filter Refrigeration Dryer</p> 	<ul style="list-style-type: none"> Conveying air General factory air HQ sand blasting Spray painting Pneumatic tools 	5	3	4
<p>Cyclon Separator General Purpose Filter Refrigeration Dryer Fine Filter</p> 	<ul style="list-style-type: none"> HQ spray painting Fine pneumatic tools Control air Conditioning Measuring control system Water & oil removal 	1	1	4
<p>Cyclon Separator General Purpose Filter Refrigeration Dryer Fine Filter Activated Carbon Filter</p> 	<ul style="list-style-type: none"> HQ conveying air Instrument air Surface finishing Dental laboratory Photographic laboratory Food industry Medical systems Air for breathing 	1	1	1-3
<p>Cyclon Separator General Purpose Filter Fine Filter Adsorption Dryer General Purpose Filter Activated Carbon Filter</p> 	<ul style="list-style-type: none"> Instrument air Surface finishing Pharmaceutical industry Breweries Dairies Air for breathing Low dewpoint applications 	1	1	3

COMPRESSED AIR TREATMENT

- Increases service life of downstream pneumatic tools and equipment
- Improves the quality of your products
- Increases your competitiveness
- Makes your company more profitable
- Reduces the risk of downtimes
- Cuts repair costs to pneumatic tools and equipments
- Reduces acquisition costs for pipe systems

ISO 8573-1 Quality Classes

Class	Max. oil content mg/m ³	Max. solid particle size of impurities µm	Max. particle density of impurities mg/m ³	Max. Pressure dew point @ 7 bar g °C
1	0.01	0.1	0.1	- 70
2	0.1	1	1	- 40
3	1	5	5	- 20
4	5	15	8	+ 3
5	25	40	10	+ 7
6	-	-	-	+ 10

NOTE:

- Cyclon separator is not required when an air receiver tank is used after air compressor.
- General purpose filters is used for removing coarse particles and extend the lifetime of fine filters.
- An extra sterile filter is needed for medical systems, breathing air, pharmaceutical industry, breweries, dairies etc, after activated carbon filters.
- A diaphragm dryer can be used instead of refrigeration or adsorption dryers, for low air flows.
- A preliminary (coarse, particle removal) filter with 5 micron particle, 5 mg/m³ remaining oil aerosol filtering capacity can be used just before general purpose (1 micron particle, 0.5 mg/m³ remaining oil aerosol) filter (instead of cyclon separator).