

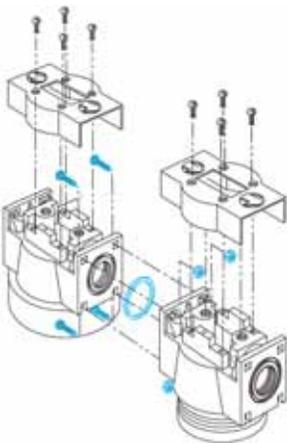
Filter Accessories



Wall Mounting Bracket
Available for housings from 20 through 780 scfm



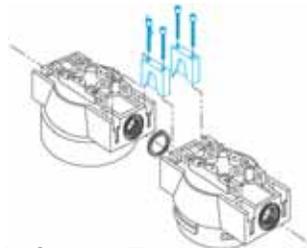
Remote Indication Differential Pressure Gauge
Available for housings from 20 through 780 scfm



Manifold Connector Kit
Available for housings from 250 through 780 scfm (Threaded-type head)



Manual Drain and External Drain Adapter
Available for housings from 20 through 170 scfm



Modular Connector Kit
Available for housings from 20 through 170 scfm (Bayonet-type head)



Oil Mist Eliminators (OME)

Oil Mist Eliminators (OME) are large oil removal filters with a very low pressure drop. Not only do they remove both oil aerosols and water, but they can handle large slugs of liquid. The cartridge life is normally 8 to 15 years, requiring virtually no maintenance.

Sizes: 125 – 3000 scfm

Other Clean Air Treatment Products



Drain Traps
Kaeser's Automatic Drains like the Automatic Magnetic Drain (AMD)

(shown, right) and the award-winning Eco-Drain (shown, left) provide reliability and reduce maintenance. Timed Electric Traps and Automatic Drain Traps complete our compressed air treatment product line.



Condensate Management
Kaeser's Aquamat and Condensate Filter (KCF)

automatically remove oil from compressor condensate. This allows for easy and economical disposal of compressed air condensate in an environmentally responsible way. The low maintenance system requires no electricity for operation.



High Pressure Filters (HP)

High Pressure filters (HP) are available for applications requiring pressures up to 900 psig. They include seam welded stainless steel cores for

greater durability and corrosion resistance.



Membrane Dryers (KMM)

Kaeser Modular Membrane Dryers (KMM) provide a dew point suppression without requiring any external power or regular maintenance. These dryers

are well suited for point of use applications and are easy to install with simple piping connections.

Global Standards

ISO 8573.1 was developed in 1992 by ISO (International Organization for Standardization) to help facility engineers specify compressed air quality globally with "Quality Classes" for solid particulates, humidity and oil. Quality classes provide an internationally accepted unit of measure. A typical pharmaceutical plant, for example, would have a compressed air specification of ISO Quality Class 1.2.1. This is equivalent to 0.1 micron particulate filtration, -40° F (-40°C) dew point, and 0.008 ppm (0.01 mg/m³) oil filtration.

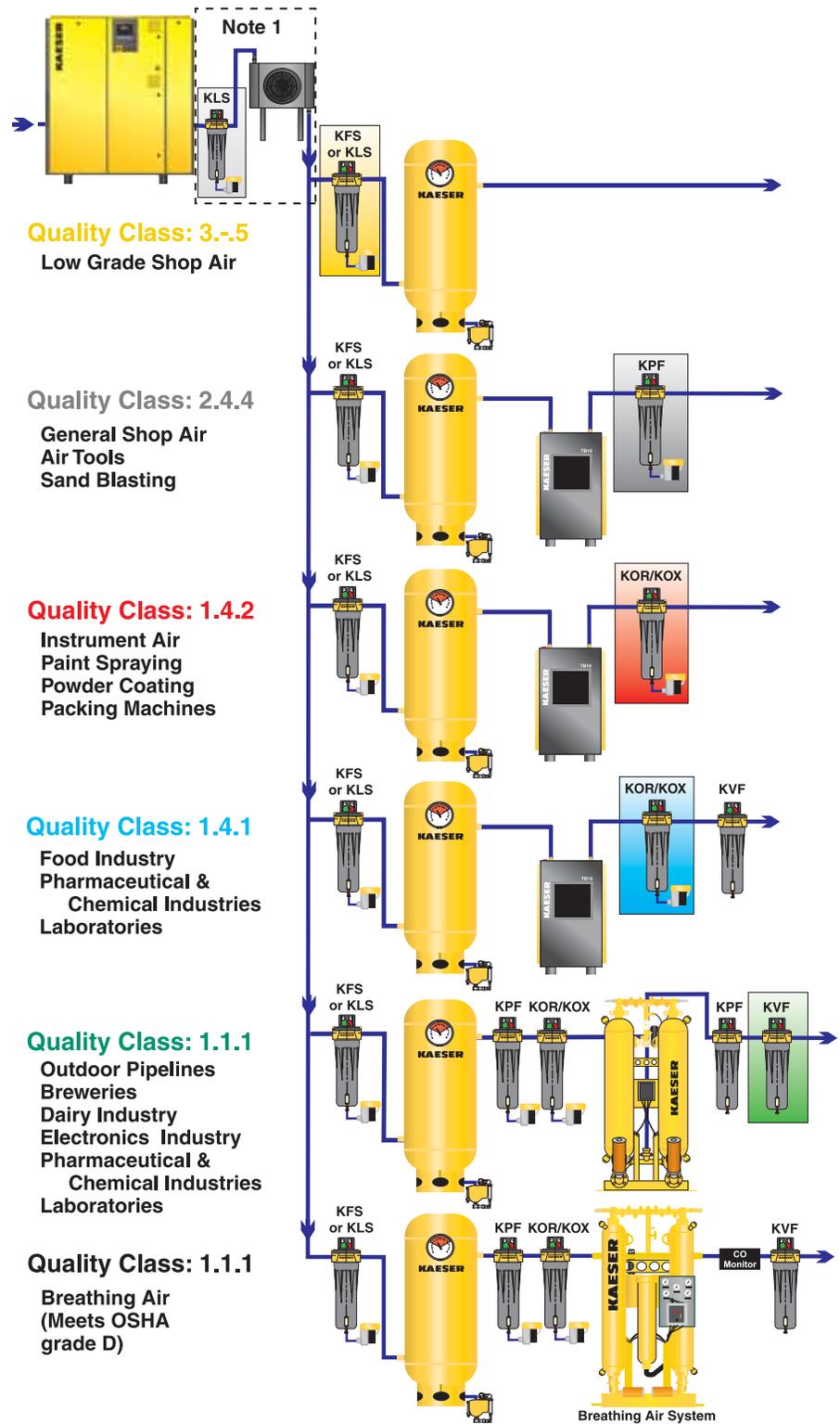
Quality Classes	SOLIDS Maximum Particle Size (microns)
0	as specified
1	0.1
2	1
3	5
4	15
5	40
6	—

Quality Classes	MOISTURE Dew Point	
	°C	°F
0	as specified	
1	-70	-94
2	-40	-40
3	-20	-4
4	3	38
5	7	45
6	10	50

Quality Classes	OIL Liquid and Gas	
	mg/m ³	ppm _{w/w}
0	as specified	
1	0.01	0.008
2	0.1	0.08
3	1	0.8
4	5	4
5	25	21
6	—	—

Typical Air Treatment Configurations

ISO 8573.1 Quality Classes



Note 1: All Kaeser Rotary Screw Compressors have built-in aftercoolers. However, for equipment without an aftercooler or where the discharge temperature is 110°F or higher, an aftercooler should be positioned at the location shown.

KFS/KPF/KOR/KOX filter elements should be replaced at 10 psid (red area of Delta P gauge) or annually, whichever occurs first. KVF filter elements should be replaced after 1,000 hours of operation or annually, whichever occurs first. Kaeser recommends processing condensate through the Aquamat which safely and economically disposes of the environmentally threatening oil/water mixture. KPF is offered in a reverse flow version (KPF-RF) for cold regenerative desiccant dryers. Consult factory for specifications.



Kaeser's U.S. Headquarters in Fredericksburg, Virginia

Mission Statement

We strive to earn our customers' trust by supplying high quality Kaeser air compressors, related compressed air equipment and premium blower systems. Our products are designed for reliable performance, easy maintenance, and energy efficiency. Prompt and dependable customer service, quality assurance, training, and engineering support contribute to the value our customers have come to expect from Kaeser. Our employees are committed to implementing and maintaining the highest standards of quality to merit customer satisfaction. We aim for excellence in everything we do.

Our engineers continue to refine manufacturing techniques and take full advantage of the newest machining innovations. Extensive commitment to research and development keeps our products on the leading edge of technology to benefit our customers.



Built for a lifetime.™

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www.cagi.org

The Air Systems Specialist

With over 85 years of experience, Kaeser is the air systems specialist. Our extensive 100,000 square foot facility allows us to provide unequaled product availability. With service centers nationwide and our 24-hour emergency parts guarantee, Kaeser customers can rely on the best after-sales support in the industry. Kaeser stands committed to providing the highest quality air system for your specific compressed air needs.

