

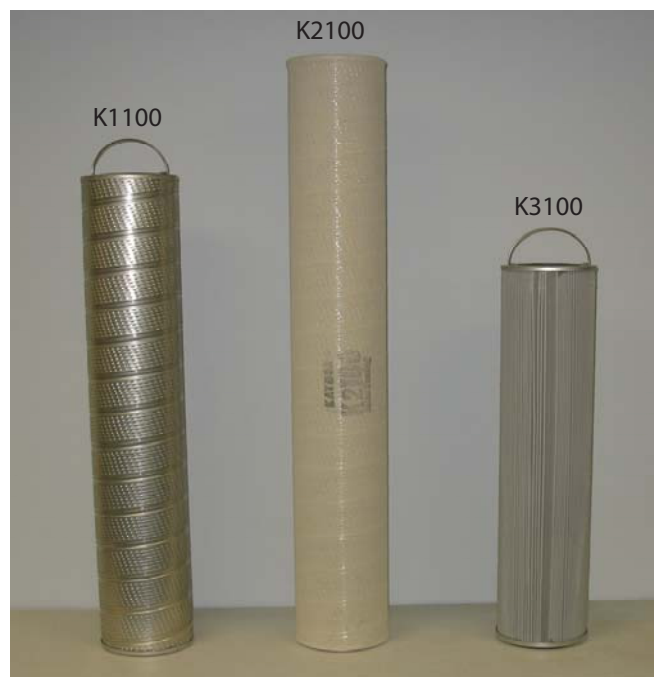


Turbo-TOC® Elements

Turbo-TOC® turbine oil purification elements are used exclusively with Turbo-TOC® Turbine Oil Conditioning systems. The Kaymax™ filtration element is designed and constructed with specially formulated, multi-layer micro-fiberglass fibers for exceptional particle retention and extended element life. Patented Kaydon Coalescing Technology™ provides unsurpassed water removal technology, and coupled with Kaydon Separator Technology™, water removal to 100 ppm is achievable.

BENEFITS

- o Exceptional Particle Removal Efficiency: Efficiency meets or surpasses stated data sheet micron ratings.
- o High Dirt Holding Capacity: Combining specially selected and engineered micro-fiberglass medias with uniform pleating techniques provides a high level of particle collection.
- o Reliable Construction: High quality components are used and elements are constructed using proven manufacturing methods. Longstanding and established filter element designs keep elements functioning in demanding applications.
- o ISO 16889 Tested: Kaymax™ element performance is proven using the latest ISO Multi-Pass Test Method for Evaluating Hydraulic Oil Filtration Elements.
- o Water Removal Performance: Kaydon Coalescing and Separator Technologies brings water content to less than 100 ppm. Patented process is used in over 2,000 turbine oil conditioning applications.



FOOTNOTES

(1) Element tested per ISO 16889
Data Sheet Subject To Change Without Notice

SPECIFICATIONS & DETAILS

Pressure Drop	Filtration Element (Model K1100) 100 gpm with ISO 32 Turbine Oil at 100F = 1 psid Coalescer Element (Model K2100) 10 gpm with ISO 32 Turbine Oil at 100F = 1 psid Separator Element (Model K3100) 11.1 gpm with ISO 32 Turbine Oil at 100F = 1 psid
Applications	Turbine Oil Lube Reservoirs
Terminal Pressure	K1100 = 25 psid - maximum K2100 = 15 psid - maximum K3100 = 15 psid - maximum
Size	K1100: 6 inch diameter x 36 inches length K2100: 6 inch diameter x 44 inches length K3100: 6 inch diameter x 28 inches length
Fluid Compatibility	Mineral Based Turbine Oils (ISO 32, 46, and 68)
Materials of Construction	Inner and Outer Spiral Steel Jacket Dual-Phase Micro and Macro Fiberglass Filter Media Epoxy Adhesives Buna-N Gaskets Plasma Treated Nylon Screen
Weight (each)	K1100 = 14 pounds / K2100 = 20 pounds / K3100 = 17 pounds
Operating Temperature Range	32°F - 200°F
Collapse Rating	100 psid

Turbo-TOC® elements used with Model KL5S2, KL10S2, KL30S2, KL60S2, and KL100S2 Systems.

KM6036 Series	Micron Rating ⁽¹⁾	Beta Ratio (Efficiency)
K1100	5.1	1000 (99.9%)
K2100	5.1	1000 (99.9%)
K3100	4.2	1000 (99.9%)
K4100*	4.2	1000 (99.9%)

* Direct substitute for K1100 filtration element. Pressure drop increases to 3 psid. Provides extra level of filtration.

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