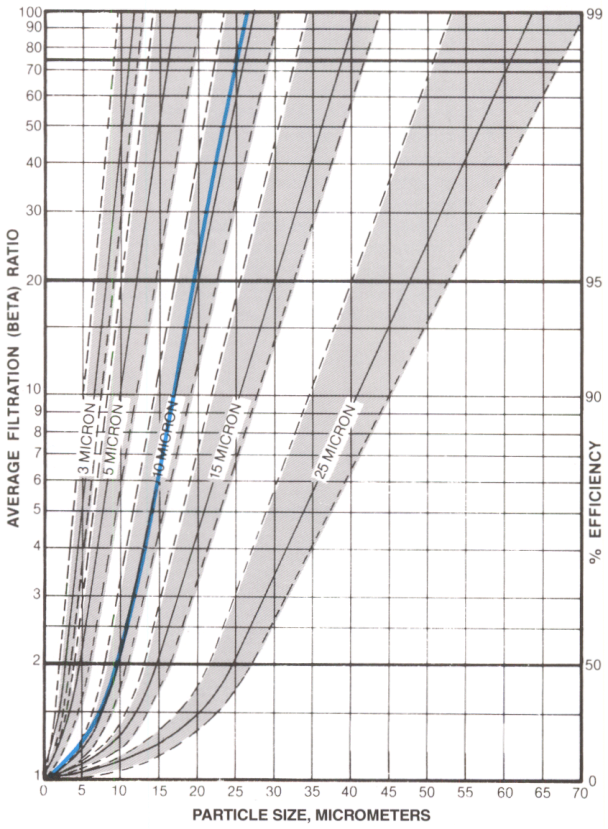
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KAYDON FILTRATION GROUP

KAYDON FILTER ELEMENT
MODEL NUMBER: 88862
PART NUMBER: 88862
Page 1

TYPICAL EFFICIENCY CURVE



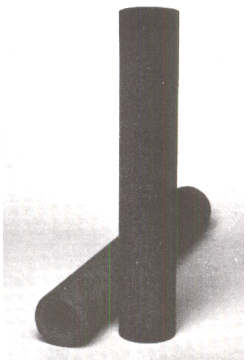
Mean Efficiency Micrometers:
10
ANSI/(NFPA) T3.10.8.8R1

Apparent Dirt Capacity Grams
AC Fine Test Dust @ 25 PSID:
18
ANSI/(NFPA) T3.10.8.8R1

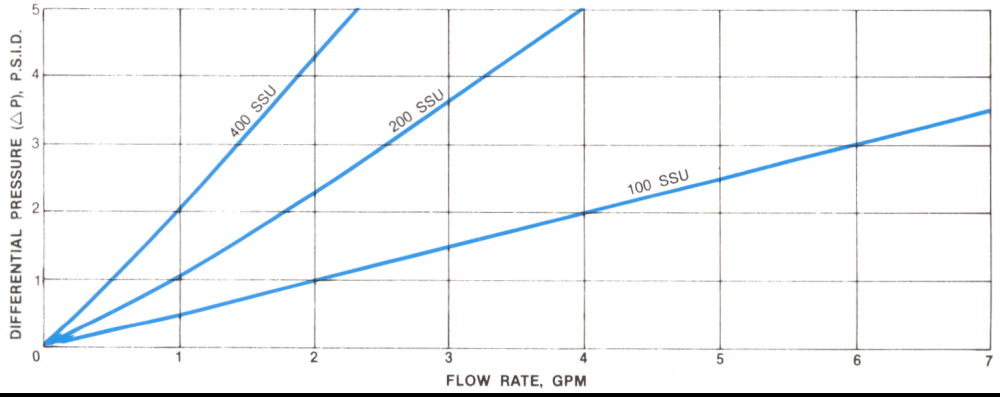
Minimum Collapse Pressure,
PSID: 75
(ISO 2941)

Maximum Operating Temperature °F: 250
(ISO 2943)

Replacement Pressure PSID: 25



CONFIGURATION	
Filter Area, Sq. Inc.	246
Outside Diameter, Inc.	2.50
Inside Diameter, In.	1.75
Length, Inc.	31.25
Weight, Pounds	1.00
Gasket Material	NONE
Flow Direction	Outside-In



KAYDON FILTRATION GROUP
www.kaydonfiltration.com
Instant Literature-by-Fax: www.kaydonfilter.thomasregister.com
1571 Lukken Industrial Drive West - LaGrange, GA 30240-5756
Phone: 706-884-3041 Fax: 706-883-6199

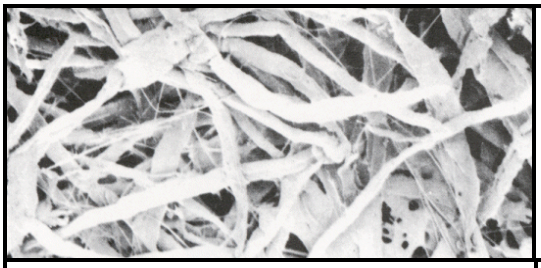
ISO 9001-97
Certificate #002232
MADE IN U.S.A.

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KAYDON FILTER ELEMENT
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Page 2



DESCRIPTION

Convolute wound elements with specially formulated resin impregnated media for highly efficient, microscopically fine filtration.

FLUID APPLICATIONS

- Turbine lube oils and Coolant and cutting oils.
- Water soluble machine tool coolants.
- Fuel oils - Gasoline, Aviation Gas, Kerosene, JP-4, JP-5, Diesel.
- Lubricating Oils and Hydraulic Oils, Petroleum base.
- Most synthetic hydraulic fluids except inverse emulsions. Antifreeze compounds (ethylene glycol).
- Butyl alcohol, Naphtha, and Lacquer thinners.
- Ethyl acetate and Stoddard solvent.
- High and low K.B. mineral spirits.
- Consult factory for application information.

FEATURES

- Convolute winding provides uniform depth filtration.
- Will not remove petroleum product additives.
- Inherent high collapse pressure.
- Will remove small quantities of water contained in petroleum fluids.
- No adhesive or gasketing materials used, allowing for wide range of compatible applications.
- No metal parts to corrode.
- Technical assistance and laboratory facilities available for application support.

GLOSSARY OF TERMS

MEAN EFFICIENCY RATING: A measurement of the average efficiency of a filter medium using the multi-pass test where the average filtration (BETA) ratio = 2.0 (50% efficiency).

MICRON RATING PROFILES: A definitive band centered upon a specific mean efficiency curve that defines a general micron rating considering normal variations in filter medium performance.

MULTI-PASS TEST: A controlled laboratory test where unaltered effluent fluid is re-circulated through the filter element while new contaminant is continuously added.

FILTRATION (BETA) RATIO: The ratio of the number of particles greater than the given size in the influent fluid to the number of particles greater than the same size in the effluent fluid.

APPARENT DIRT CAPACITY: The actual weight of contaminant injected into the filter test system at the time the terminal pressure drop is reached.

ANSI/(NFPA) T3.10.8.8R1: American National Standard/National Fluid Power Association - Multi-Pass Method for Evaluating the Filtration Performance of a Fine Hydraulic Fluid Power Filter Element.

ISO 2941: International Standard - Hydraulic Fluid Power - Filter Elements - Verification of Collapse/Burst Resistance.

ISO 2943: International Standard - Hydraulic Fluid Power - Filter Elements - Verification of Material Compatibility with Fluid.

Terms listed in red are proposed by Kaydon Corporation
** Current Industry proposed standard.*

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