

DESCRIPTION

The Kaydon Model 730 Pipeline Strainer is designed for the purpose of preventing dirt, pipe scale and other foreign particles, which may be in liquid, from entering metering devices and oil conditioners.

The Model 730 is equipped with removable basket screen enclosed in a heavy stainless steel wire supporting frame fitted with bail. Access to screen for cleaning is gained by removing the cover bolts. The cover is machined and furnished with gasket to insure a tight seal and is provided with a plugged pipe opening to facilitate installation of a pressure gauge or vent valve.

When used for the handling of gasoline and similar liquids, the Model 730 is furnished with a 90-mesh non-corrosive, rust-resisting stainless steel screen and cast iron bail. When used in connection with lubricating oils and like liquids, the screen is made of 30-mesh stainless steel and equipped with cast iron bail. The screens in all models are reinforced with 4-mesh stainless steel wire cloth and attached to a heavy supporting ring. Removable bottom plug permits easy draining.

The Model 730 is made in a variety of sizes, ranging from 3/4" to 3" ([see table on Page 2](#)) to meet all service requirements.

The 3/4", 1-1/2" and 2" sizes are furnished with screwed connections and constructed of cast iron only. The 3" size is fitted with companion flanges and constructed of cast iron. All sizes are built to withstand pressure up to 125 pounds per square inch.

APPLICATION

Application of the Model 730 is not confined to any particular liquid or service. It is designed to handle gasoline, kerosene and similar light liquids, as well as lubricating oils, fuel oils, paint oils and liquid of like characteristics. It is highly recommended for use in all types of installations where an efficient straining device must be used. By virtue of its advanced design, a minimum flow restriction and maximum screening area are provided.



1-1/2" Model 730 Strainer Housing

Strainer Basket

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.

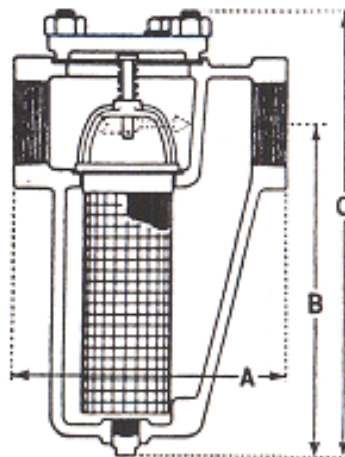


Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

**MODEL 730
PIPELINE STRAINER
Page 2**

Pipe Size	Dimensions - Inches			Surface Area (Square Inches)			Shipping Weight - Pounds
	A	B	C	30 Mesh	60 Mesh	90 Mesh	
3/4"	5-1/2	6-1/8	8-1/2	11	10	9	10
1-1/2"	6	7-7/8	10-1/2	15	14	12	16
2"	7	9	11-3/4	24	23	22	24
3"	9	10-7/8	14-1/2	50	46	42	60



Model	Part #	Size	Material of Construction	Maximum Pressure
730	94900	3/4" NPT	Cast Iron	125 PSIG
30 Mesh Basket: Part #63C83				
60 Mesh Basket: Part #00T89				
90 Mesh Basket: Part #53A44				

Model	Part #	Size	Material of Construction	Maximum Pressure
730	94870	1-1/2" NPT	Cast Iron	125 PSIG
30 Mesh Basket: Part #63C85				
60 Mesh Basket: Part #63C74				
90 Mesh Basket: Part #53A51				

Model	Part #	Size	Material of Construction	Maximum Pressure
730	94865	2" NPT	Cast Iron	125 PSIG
30 Mesh Basket: Part #63C88				
60 Mesh Basket: Part #63C75				
90 Mesh Basket: Part #63C90				

Model	Part #	Size	Material of Construction	Maximum Pressure
730	94860	3" NPT	Cast Iron	125 PSIG
30 Mesh Basket: Part #63C92				
60 Mesh Basket: Part #63C76				
90 Mesh Basket: Part #53A58				

KAYDON FILTRATION GROUP

www.kaydonfiltration.com

Instant Literature-by-Fax: www.kaydonfilter.thomasregister.com

1571 Lukken Industrial Drive West - LaGrange, GA 30240-5756

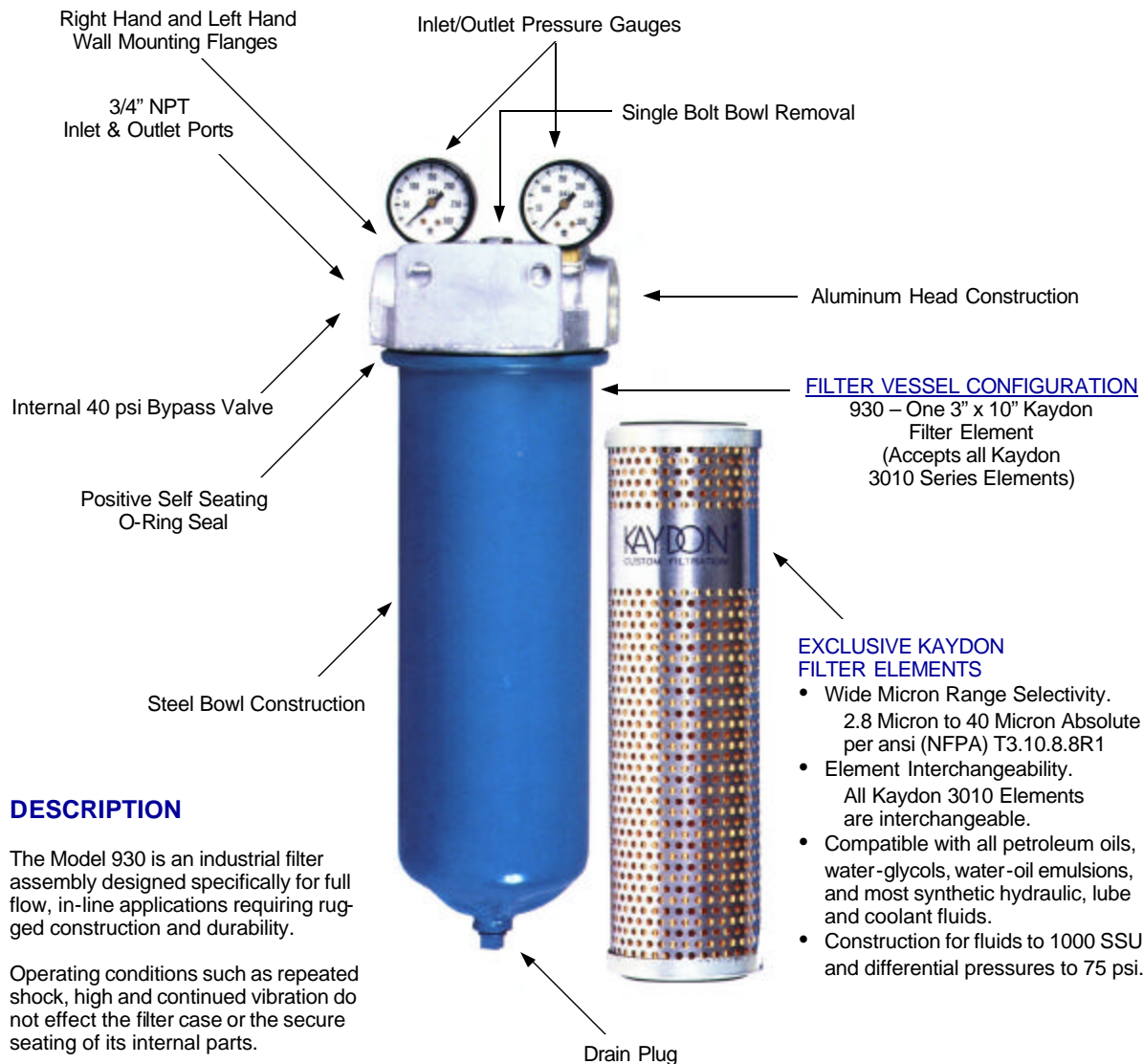
Phone: 706-884-3041 Fax: 706-883-6199

ISO 9001-97



Certificate #002232

MADE IN U.S.A.



DESCRIPTION

The Model 930 is an industrial filter assembly designed specifically for full flow, in-line applications requiring rugged construction and durability.

Operating conditions such as repeated shock, high and continued vibration do not effect the filter case or the secure seating of its internal parts.

APPLICATIONS

Lube Oil Systems
Hydraulic Return Line Circuits
Fluid Conditioning

Gear Oil
Coolant Fluid Systems
Process Systems

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.



Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL 930
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 250 PSI
AT FLOWS TO 20 GPM

Page 2

NOTE:

- Maximum operating pressure: 250 PSIG @ 250°.
- Finish, Exterior: Kaydon Blue Bowl, Black Head Cover Finish, Interior: Rust Preventative.
- Leak Test 100% @ 35-40 PSI (Air) under water.
- Dust caps installed in all open vessel ports.
- All aluminum and steel construction: Head: Aluminum Sand Cast. Bowl: Drawn Steel.
- Dry weight 5# (approximately). No elements in housing.
- Unit equipped with nitrile (Buna-N) Seals.
- Unit will accept all Kaydon 3010 series elements.

MODEL 930 -

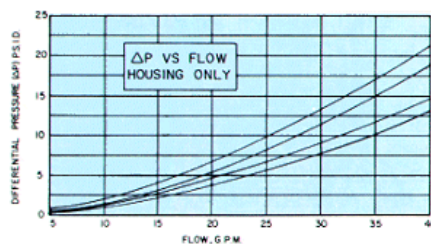
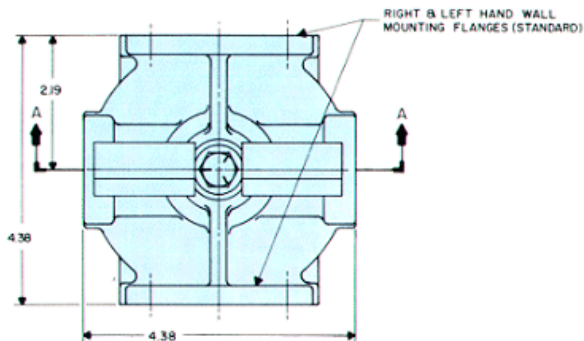
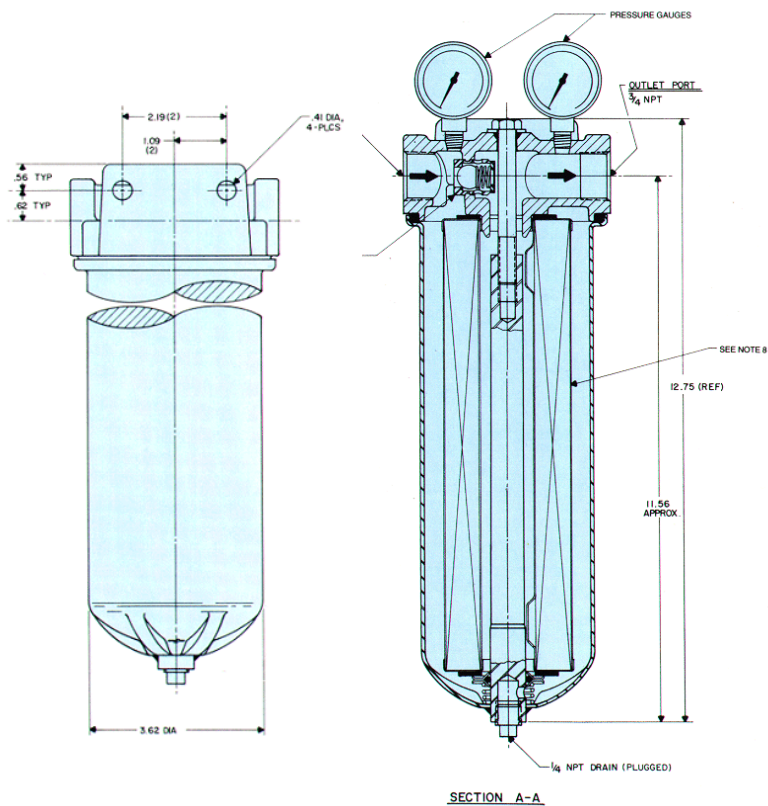
BYPASS VALVE OPTION

Symbol Description

NB No ByPass

40 40 PSID*

* Valve Cracking Pressure



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.

Kaydon Filtration Group - 2000

DESCRIPTION

The Model 980 filter assembly is of sturdy construction for in-line filtration applications. The head is ductile iron with a steel body designed for the filtration of all petroleum products including lubrication oils and fuels, plus compressed air and gases.

APPLICATIONS

- Hydraulic Oil
- Quench Oil
- Antifreeze
- Lubricating Oil
- Cutting Oil
- Insulating Oil
- Machine Tool Coolant
- Gear Oil
- Synthetic Oil
- Removal of Oil Mist, Water, and Dirt from Compressed Air and Most Gases.

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity. 2.8 Micron to 24 Micron Absolute per ANSI (NFPA) T3.10.8.8R1
- Large dirt holding capacity to 1/2 pound A.C.F.T.D. per ANSI(NFPA) T3.10.8.8R1
- Element Interchangeability. Uses all Kaydon 4.5" x 9" elements. Model 980 uses one 4.5" x 9" element.
- Compatible with all petroleum oils, water-glycols, machine tool coolants, fuels, and most synthetic fluids.
- Construction for fluids to 1,000 SSU and differential pressures to 75 PSID.

EXCLUSIVE KAYDON AIR & GAS FILTER ELEMENTS

- The 60L22 Coalescer is made of resin-impregnated, chemically inert cellulose and fiber glass. The ends contain buna-N gaskets.
- Model 980 uses the 60L22.
- Efficiently removes Oil Mist and Water by coalescence from compressed air and most gases.
- Micronic selectivity—down to 1/2 micron.
- At 100 PSIG operating pressure: maximum flow = 50 SCFM pressure drop only 1/4 PSID.



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.



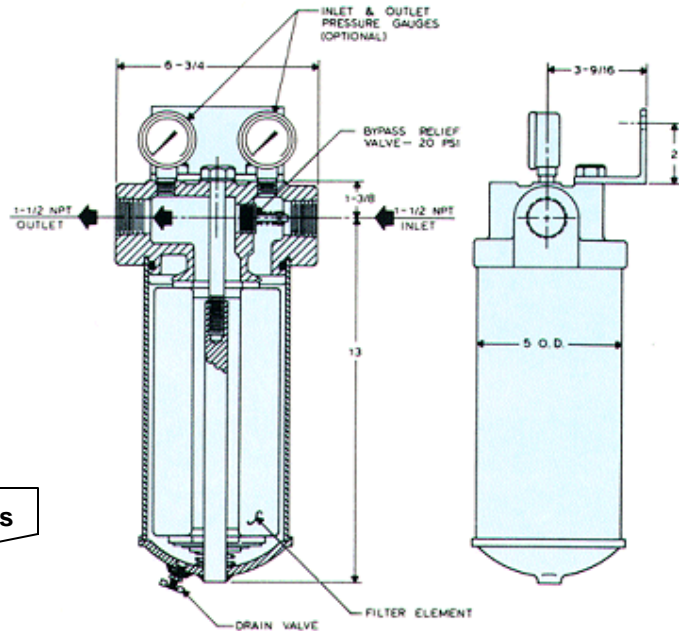
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL 980
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 250 PSI
AT FLOWS TO 25 GPM
Page 2

NOTE:

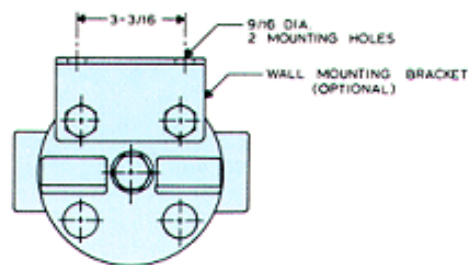
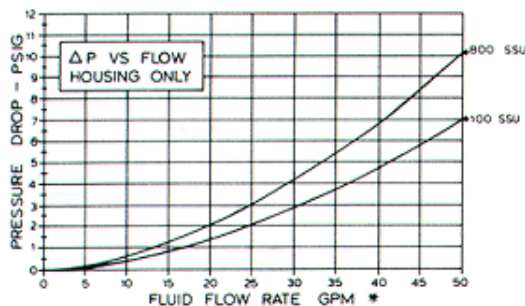
- Maximum operating pressure: 250 PSIG @ 250°.
- Hydrostatic Test Pressure—375 PSI.
- Finish - Focal Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate and in inches.
- Dry weight—24#.
- Materials of construction: Head Casting—Ductile Iron, Tank Assembly—Cold Rolled Steel
- For gas applications inlet and outlet ports are reversed from that shown (60L22 element). Bypass valve for gas applications is not available.



G = Inlet and Outlet Pressure Gauges

MODEL 980 -

BRACKET OPTION	
Symbol	Description
WM	Wall Mounting Bracket
N	Wall Mounting Bracket Not Included



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.

Kaydon Filtration Group - 2000

DESCRIPTION

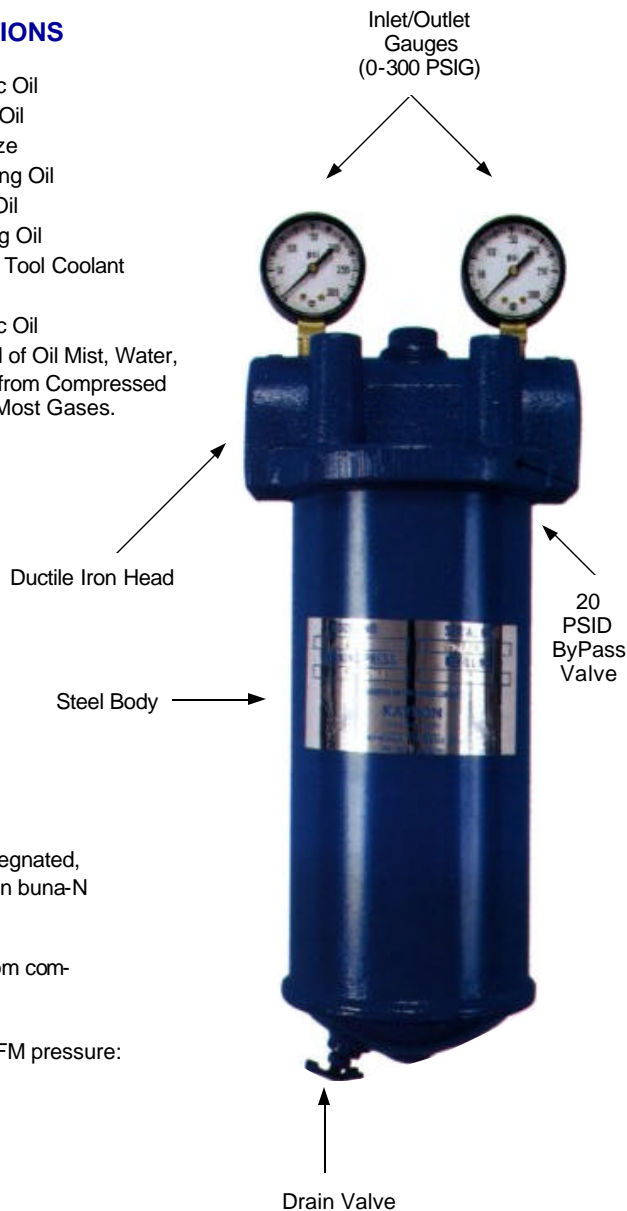
The Model 981 filter assembly is of sturdy construction for in-line filtration applications. The head is ductile iron with a steel body designed for the filtration of all petroleum products including lubrication oils and fuels, plus compressed air and gases.

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity.
2.8 Micron to 24 Micron Absolute per ANSI (NFPA) T3.10.8.8R1
- Large dirt holding capacity to one pound A.C.F.T.D. per ANSI(NFPA) T3.10.8.8R1
- Element Interchangeability.
Model 981 uses ONE 4.5"x18" element.
- Compatible with all petroleum oils, water-glycols, machine tool coolants, fuels, and most synthetic fluids.
- Construction for fluids to 1,000 SSU and differential pressures to 75 PSID.

APPLICATIONS

- Hydraulic Oil
- Quench Oil
- Antifreeze
- Lubricating Oil
- Cutting Oil
- Insulating Oil
- Machine Tool Coolant
- Gear Oil
- Synthetic Oil
- Removal of Oil Mist, Water, and Dirt from Compressed Air and Most Gases.



EXCLUSIVE KAYDON AIR & GAS FILTER ELEMENTS

- The 60L23 and 60L25 Coalescers are made of resin-impregnated, chemically inert cellulose and fiber glass. The ends contain buna-N gaskets.
- Model 981 uses the 60L23.
- Efficiently removes Oil Mist and Water by coalescence from compressed air and most gases.
- Micronic selectivity—down to 1/2 micron.
- At 100 PSIG operating pressure: maximum flow = 50 SCFM pressure:
Max Flow = 100 SCFM (981)
Pressure drop only 1/4 PSID

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.



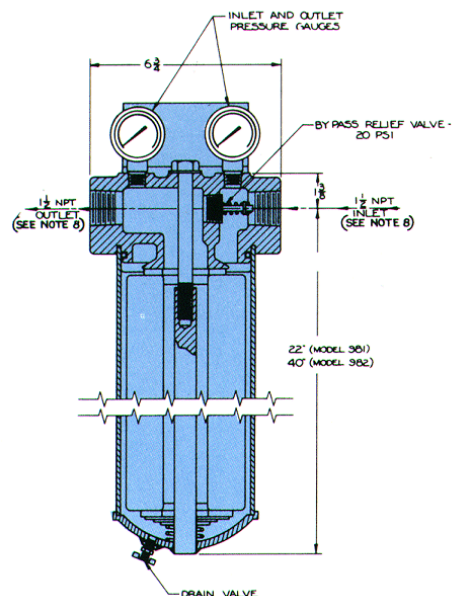
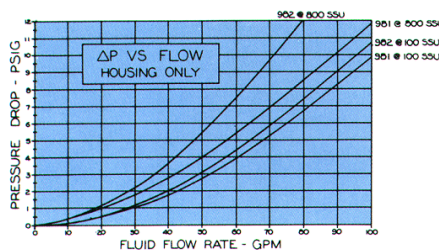
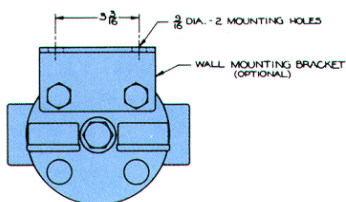
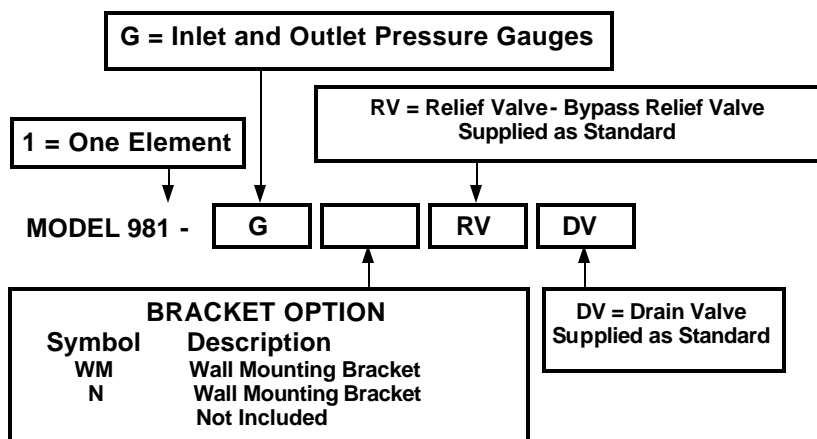
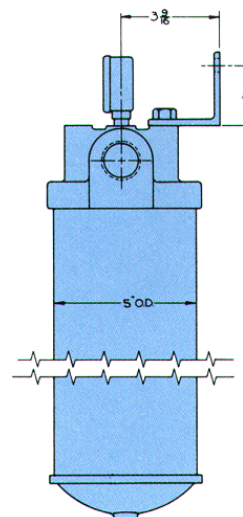
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL 981
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 250 PSI
AT FLOWS TO 50 GPM
Page 2

NOTE:

- Maximum operating pressure: 250 PSIG @ 250°.
- Hydrostatic Test Pressure—375 PSI.
- Finish - Focal Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 29#.
- All dimensions are approximate and in inches.
- Materials of construction: Head Casting—Ductile Iron, Tank Assembly—Cold Rolled Steel
- For air and gas applications: Uses the 60L23 Coalescer.
- For air and gas applications, inlet and outlet ports are reversed from that shown (60L23 elements). Bypass valve for air and gas applications is not available.
- For removal of acids, tars and gums out of oils and fuels, use the Kaydon G-4 Fuller's Earth element. The 981 uses two G-4 elements. Maximum flow per G-4 element is .5 GPM.



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.

Kaydon Filtration Group - 2000

DESCRIPTION

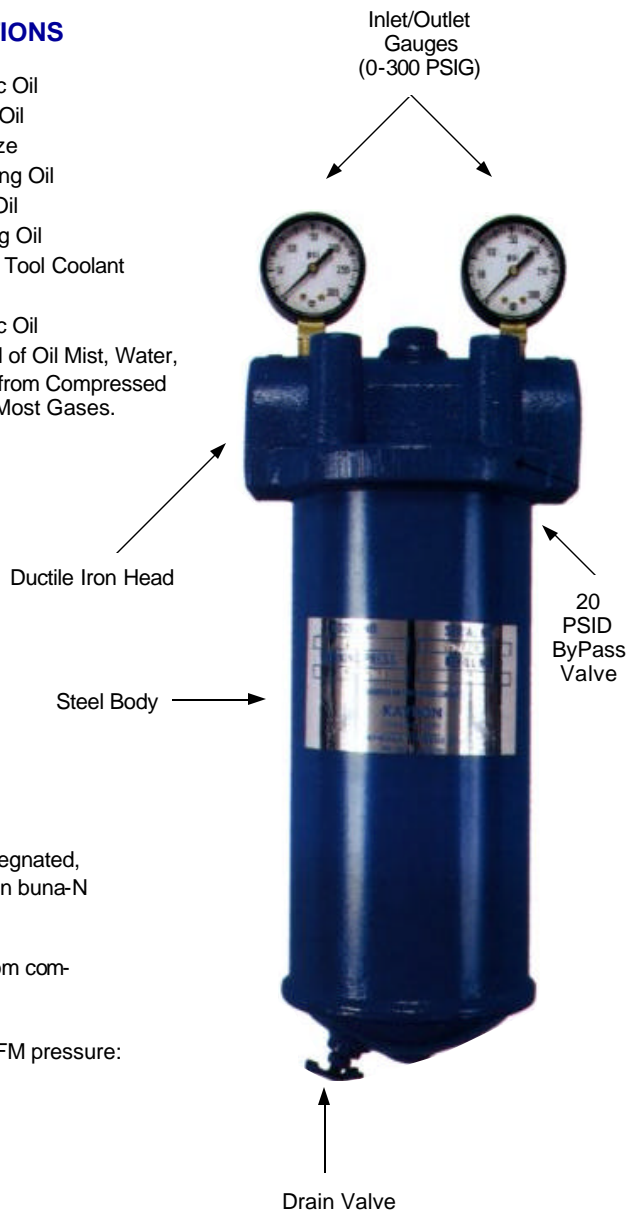
The Model 982 filter assembly is of sturdy construction for in-line filtration applications. The head is ductile iron with a steel body designed for the filtration of all petroleum products including lubrication oils and fuels, plus compressed air and gases.

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity.
2.8 Micron to 24 Micron Absolute per ANSI (NFPA) T3.10.8.8R1
- Large dirt holding capacity to one pound A.C.F.T.D. per ANSI(NFPA) T3.10.8.8R1
- Element Interchangeability.
Model 981 uses TWO 4.5"x18" element.
- Compatible with all petroleum oils, water-glycols, machine tool coolants, fuels, and most synthetic fluids.
- Construction for fluids to 1,000 SSU and differential pressures to 75 PSID.

APPLICATIONS

- Hydraulic Oil
- Quench Oil
- Antifreeze
- Lubricating Oil
- Cutting Oil
- Insulating Oil
- Machine Tool Coolant
- Gear Oil
- Synthetic Oil
- Removal of Oil Mist, Water, and Dirt from Compressed Air and Most Gases.



EXCLUSIVE KAYDON AIR & GAS FILTER ELEMENTS

- The 60L23 and 60L25 Coalescers are made of resin-impregnated, chemically inert cellulose and fiber glass. The ends contain buna-N gaskets.
- Model 981 uses the 60L25.
- Efficiently removes Oil Mist and Water by coalescence from compressed air and most gases.
- Micronic selectivity—down to 1/2 micron.
- At 100 PSIG operating pressure: maximum flow = 50 SCFM pressure:
Max Flow = 200 SCFM (982)
Pressure drop only 1/4 PSID

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.



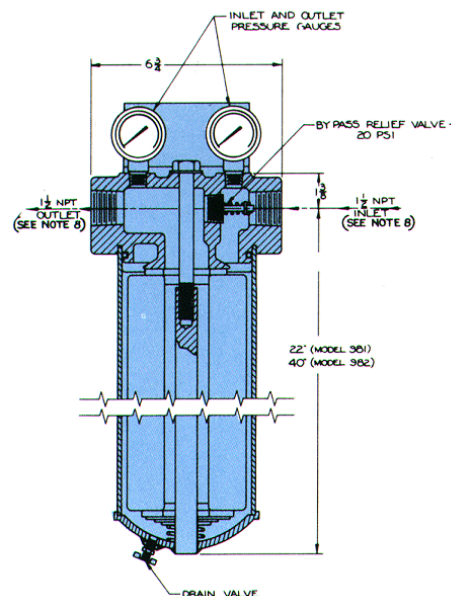
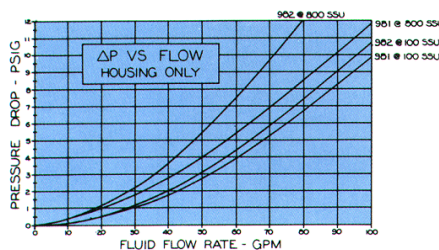
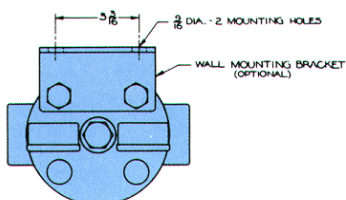
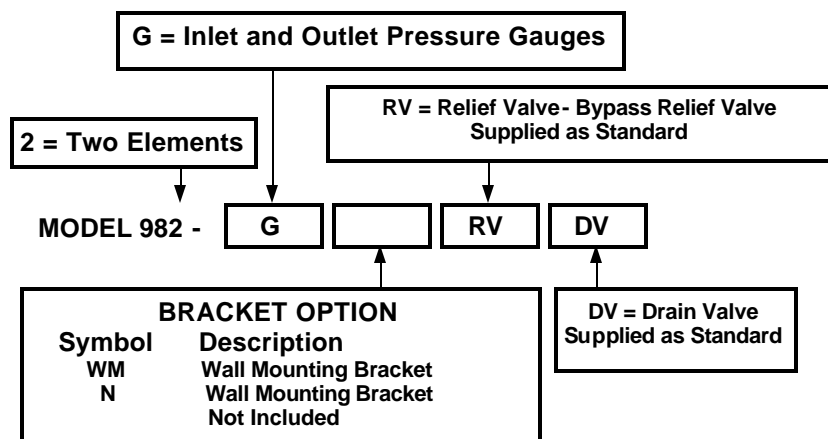
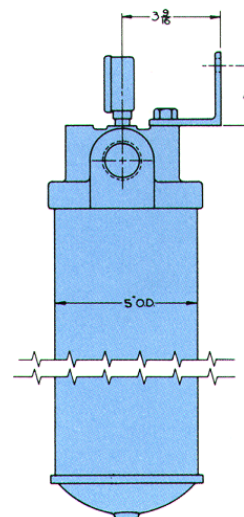
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL 982
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 250 PSI
AT FLOWS TO 50 GPM
Page 2

NOTE:

- Maximum operating pressure: 250 PSIG @ 250°.
- Hydrostatic Test Pressure—375 PSI.
- Finish - Focal Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 41#.
- All dimensions are approximate and in inches.
- Materials of construction: Head Casting—Ductile Iron, Tank Assembly—Cold Rolled Steel
- For air and gas applications: Uses the 60L25 Coalescer.
- For air and gas applications, inlet and outlet ports are reversed from that shown (60L25 elements). Bypass valve for air and gas applications is not available.
- For removal of acids, tars and gums out of oils and fuels, use the Kaydon G-4 Fuller's Earth element. The 982 uses four G-4 elements. Maximum flow per G-4 element is .5 GPM.



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.

Kaydon Filtration Group - 2000

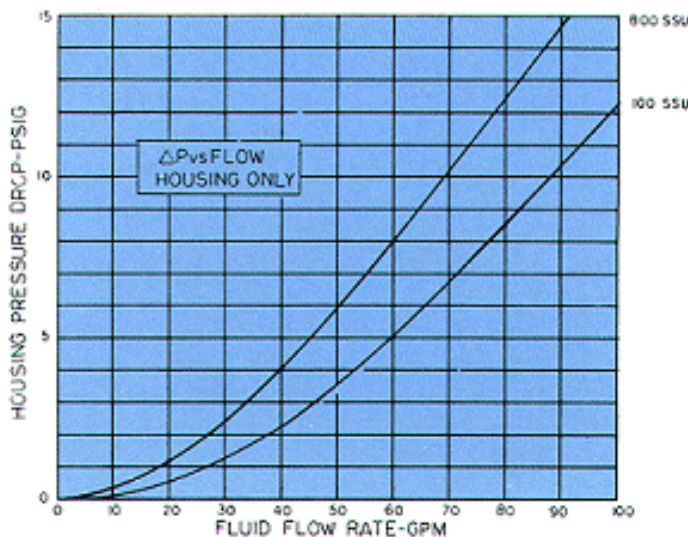
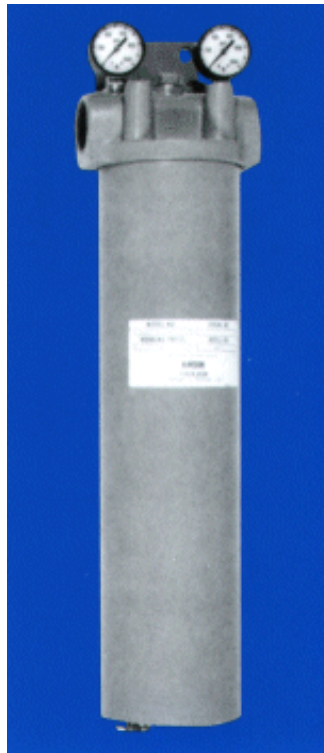
**MODEL 991
PARTICULATE FILTER
Page 1**

DESCRIPTION

The Kaydon Model 991 filter assembly is of sturdy construction for in-line connection. The head is ductile iron with an all steel body designed for the filtration of all petroleum products including diesel, hydraulic and synthetic hydraulic fluids.

APPLICATIONS

- Low Viscosity Cutting Oils
- Fuel Oils
- Light Viscosity Fluids
- Kerosene
- Gasoline
- Mineral Oil Hydraulic Fluids
- Synthetic Oil Hydraulic Fluids
- Anti-Free Compounds
- Coolant Oils
- Lube Oils
- Machine Oils



FEATURES

- Complete fluid protection; unit designed for maximum flow rate and minimum pressure drop.
- Minimum maintenance.
- Filter cartridges - a wide variety of cartridges are available for most fluids and flow rates. Sturdily constructed, they are safe and dependable under pressure and surge.
- Pressure gauges.
- Optional wall mounting bracket.
- 20 PSI bypass valve.

NOTES

- Maximum operating pressure: 1000 PSI @ 250°F.
- Hydrostatic test pressure: 1500 PSI.
- Finish: Focal blue.
- United shipped with all open thread connections protected with plastic thread protectors.
- Dry weight: 50 pounds.
- Material of construction: head casting, ductile iron; tank assembly, cold rolled steel.
- The 991 accepts all Kaydon KF4518 Series elements.

**EXCLUSIVE KAYDON LIQUID
FILTER ELEMENTS**

- Wide Micron Range Selectivity.
2.8 Micron to 24 Micron Absolute per ANSI (NFPA) T3.10.8.8R1
- Large dirt holding capacity to 1/2 pound A.C. F.T.D. per ANSI(NFPA) T3.10.8.8R1
- Element Interchangeability. Uses all Kaydon 4.5" x 9" elements. Model 980 uses one 4.5" x 9" element.
- Compatible with all petroleum oils, water-glycols, machine tool coolants, fuels, and most synthetic fluids.
- Construction for fluids to 1,000 SSU and differential pressures to 75 PSID.

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.



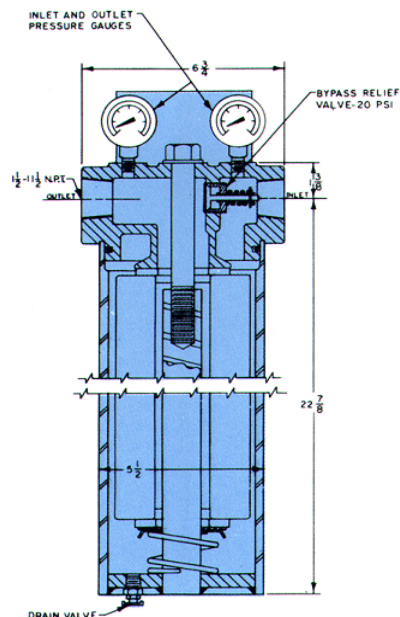
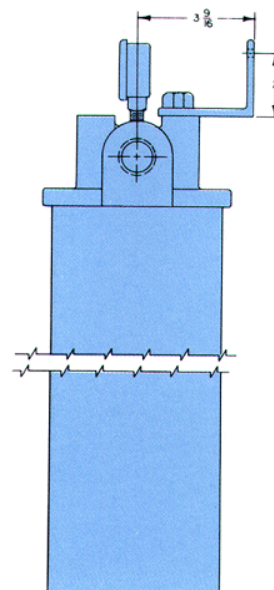
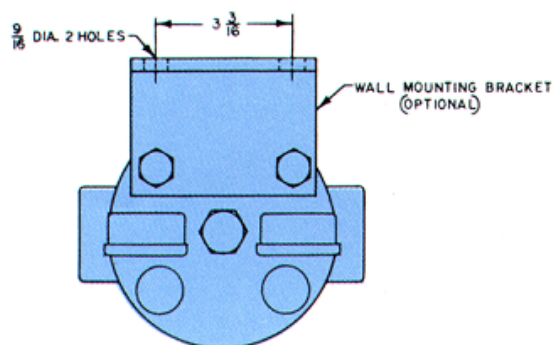
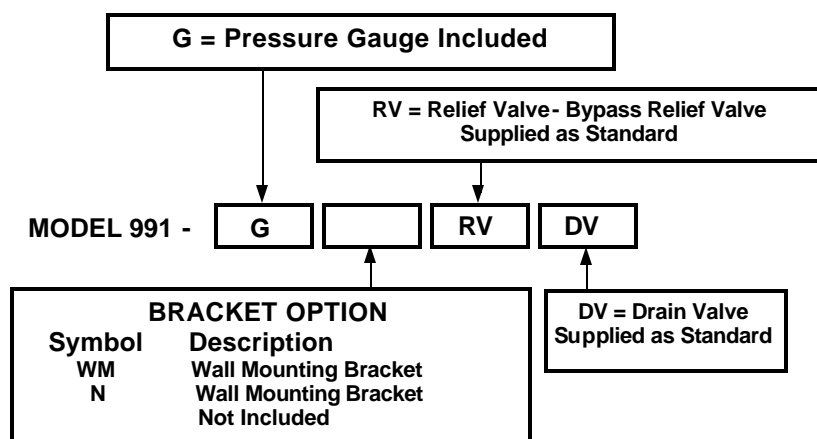
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

**MODEL 991
PARTICULATE FILTER
Page 2**

NOTE:

- Maximum operating pressure: 1000 PSIG @ 250°.
- Hydrostatic Test Pressure - 1500 PSI.
- Finish - Focal Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 50#.
- All dimensions are approximate and in inches.
- Materials of construction: Head Casting—Ductile Iron, Tank Assembly—Cold Rolled Steel.



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.

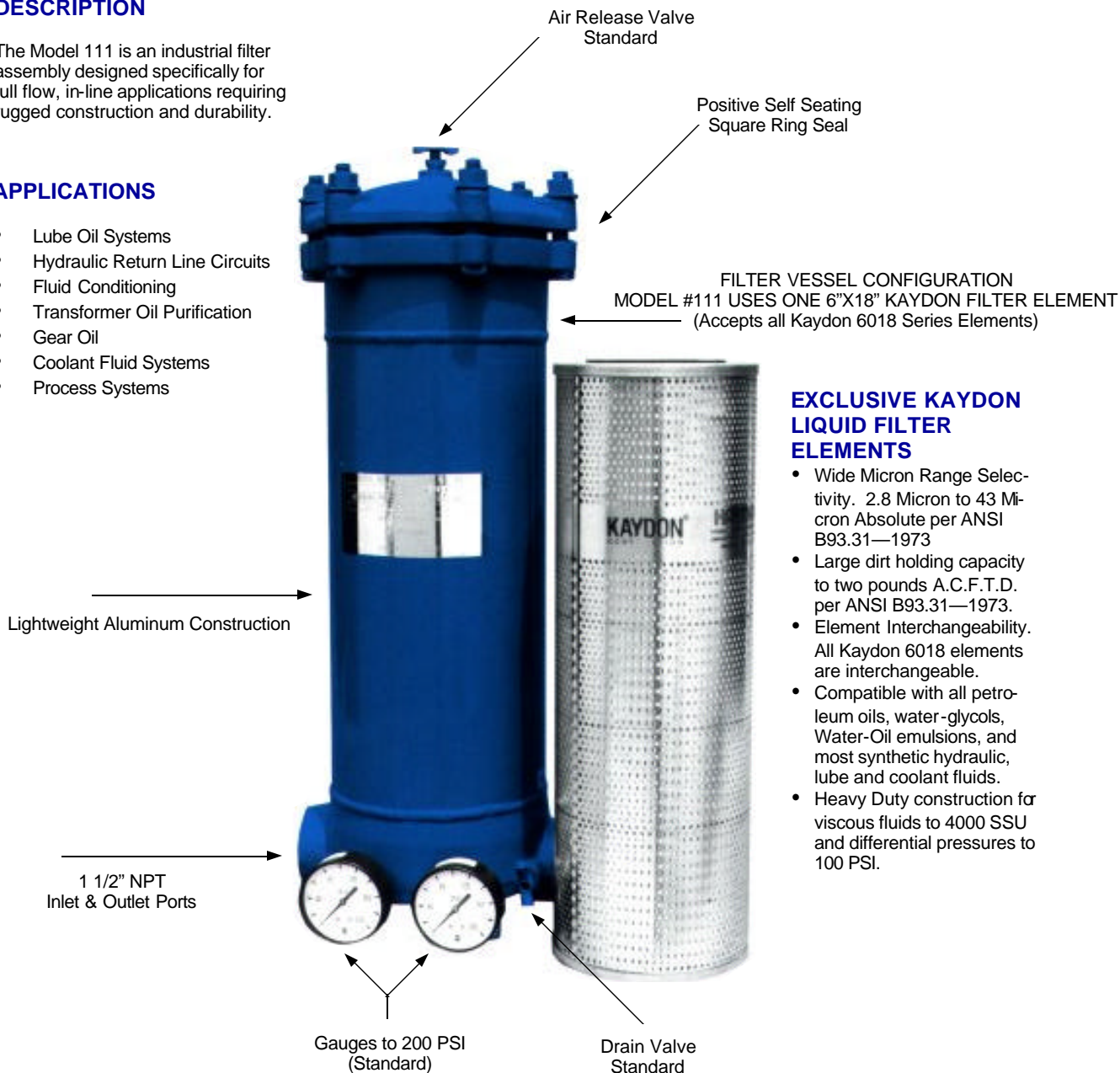
Kaydon Filtration Group - 2000

DESCRIPTION

The Model 111 is an industrial filter assembly designed specifically for full flow, in-line applications requiring rugged construction and durability.

APPLICATIONS

- Lube Oil Systems
- Hydraulic Return Line Circuits
- Fluid Conditioning
- Transformer Oil Purification
- Gear Oil
- Coolant Fluid Systems
- Process Systems



EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity. 2.8 Micron to 43 Micron Absolute per ANSI B93.31—1973
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6018 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Heavy Duty construction for viscous fluids to 4000 SSU and differential pressures to 100 PSI.

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.



Turning Ideas Into Engineered Solutions

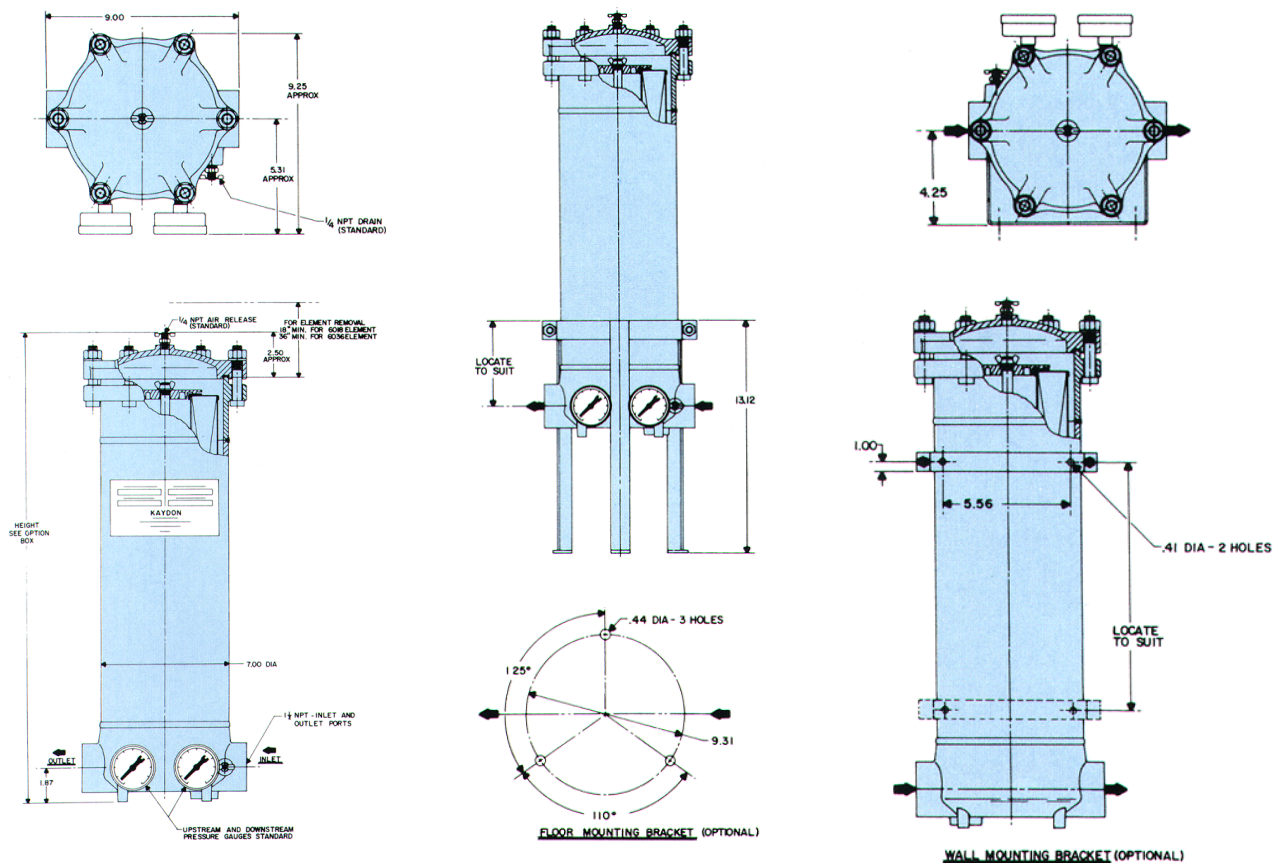
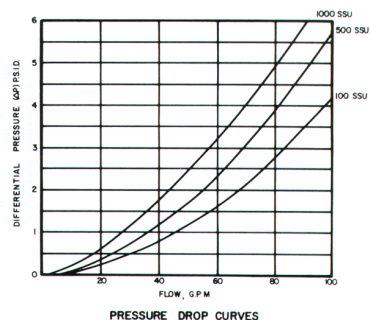
KAYDON
FILTRATION GROUP

**MODEL 111- ONE 6" X 18" ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 200 PSI
AT FLOWS TO 200 GPM**

Page 2

NOTE:

- Design pressure: 200 PSIG @ 250°F.
- Hydrostatic Test Pressure - 300 PSIG.
- Exterior Finish - Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 22.2#.
- Volume: Approximately 3.0 gallons.
- All dimensions are approximate and in inches.
- Units shipped without elements.
- Vessel is all aluminum construction.
- Unit equipped with Nitrile (Buna-N) Seals.
- All Kaydon 6018 Elements (and former 718 size) fit model 111 housing.



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.

Kaydon Filtration Group - 2000

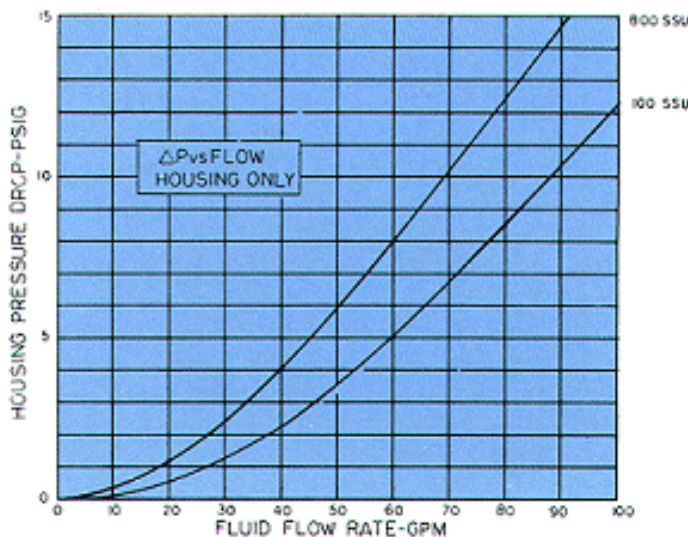
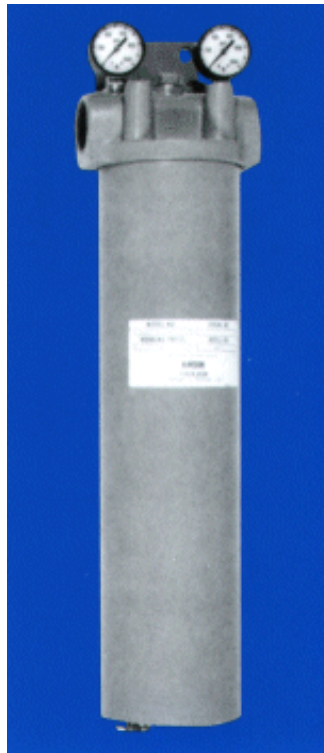
**MODEL 991
PARTICULATE FILTER
Page 1**

DESCRIPTION

The Kaydon Model 991 filter assembly is of sturdy construction for in-line connection. The head is ductile iron with an all steel body designed for the filtration of all petroleum products including diesel, hydraulic and synthetic hydraulic fluids.

APPLICATIONS

- Low Viscosity Cutting Oils
- Fuel Oils
- Light Viscosity Fluids
- Kerosene
- Gasoline
- Mineral Oil Hydraulic Fluids
- Synthetic Oil Hydraulic Fluids
- Anti-Free Compounds
- Coolant Oils
- Lube Oils
- Machine Oils



FEATURES

- Complete fluid protection; unit designed for maximum flow rate and minimum pressure drop.
- Minimum maintenance.
- Filter cartridges - a wide variety of cartridges are available for most fluids and flow rates. Sturdily constructed, they are safe and dependable under pressure and surge.
- Pressure gauges.
- Optional wall mounting bracket.
- 20 PSI bypass valve.

NOTES

- Maximum operating pressure: 1000 PSI @ 250°F.
- Hydrostatic test pressure: 1500 PSI.
- Finish: Focal blue.
- United shipped with all open thread connections protected with plastic thread protectors.
- Dry weight: 50 pounds.
- Material of construction: head casting, ductile iron; tank assembly, cold rolled steel.
- The 991 accepts all Kaydon KF4518 Series elements.

**EXCLUSIVE KAYDON LIQUID
FILTER ELEMENTS**

- Wide Micron Range Selectivity.
2.8 Micron to 24 Micron Absolute per ANSI (NFPA) T3.10.8.8R1
- Large dirt holding capacity to 1/2 pound A.C. F.T.D. per ANSI(NFPA) T3.10.8.8R1
- Element Interchangeability. Uses all Kaydon 4.5" x 9" elements. Model 980 uses one 4.5" x 9" element.
- Compatible with all petroleum oils, water-glycols, machine tool coolants, fuels, and most synthetic fluids.
- Construction for fluids to 1,000 SSU and differential pressures to 75 PSID.

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.



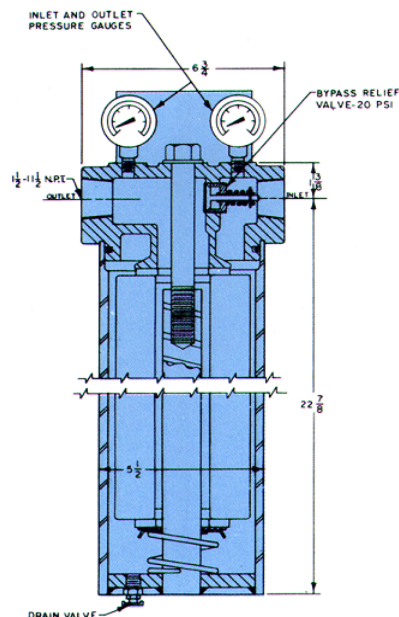
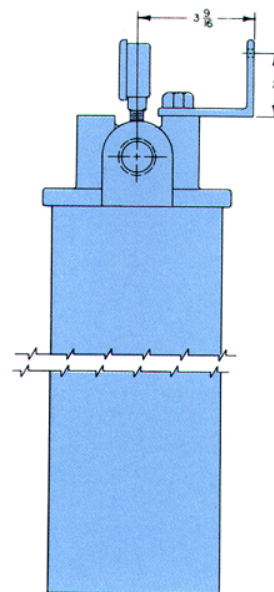
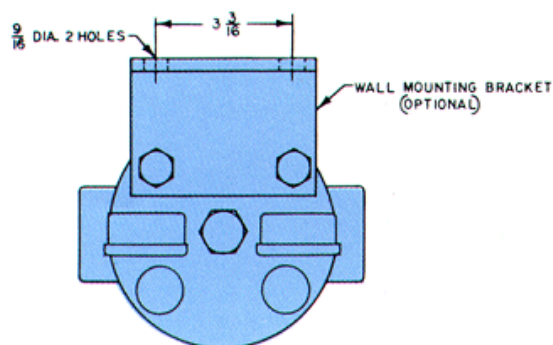
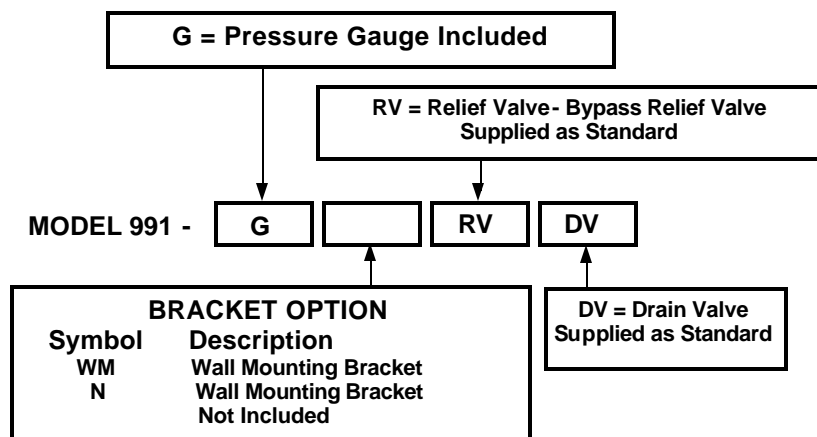
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

**MODEL 991
PARTICULATE FILTER
Page 2**

NOTE:

- Maximum operating pressure: 1000 PSIG @ 250°.
- Hydrostatic Test Pressure - 1500 PSI.
- Finish - Focal Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 50#.
- All dimensions are approximate and in inches.
- Materials of construction: Head Casting—Ductile Iron, Tank Assembly—Cold Rolled Steel.



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.

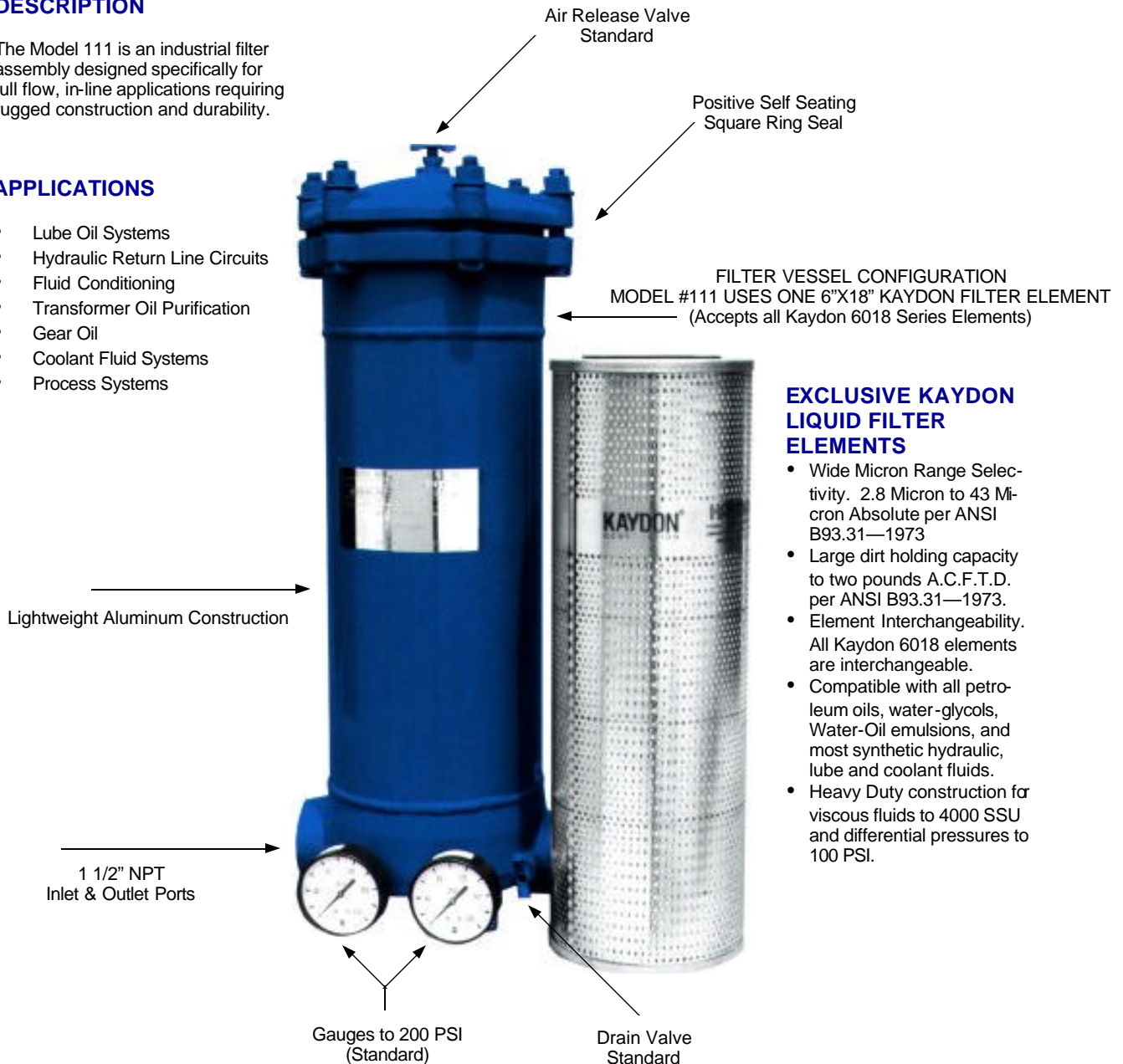
Kaydon Filtration Group - 2000

DESCRIPTION

The Model 111 is an industrial filter assembly designed specifically for full flow, in-line applications requiring rugged construction and durability.

APPLICATIONS

- Lube Oil Systems
- Hydraulic Return Line Circuits
- Fluid Conditioning
- Transformer Oil Purification
- Gear Oil
- Coolant Fluid Systems
- Process Systems



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.



Turning Ideas Into Engineered Solutions

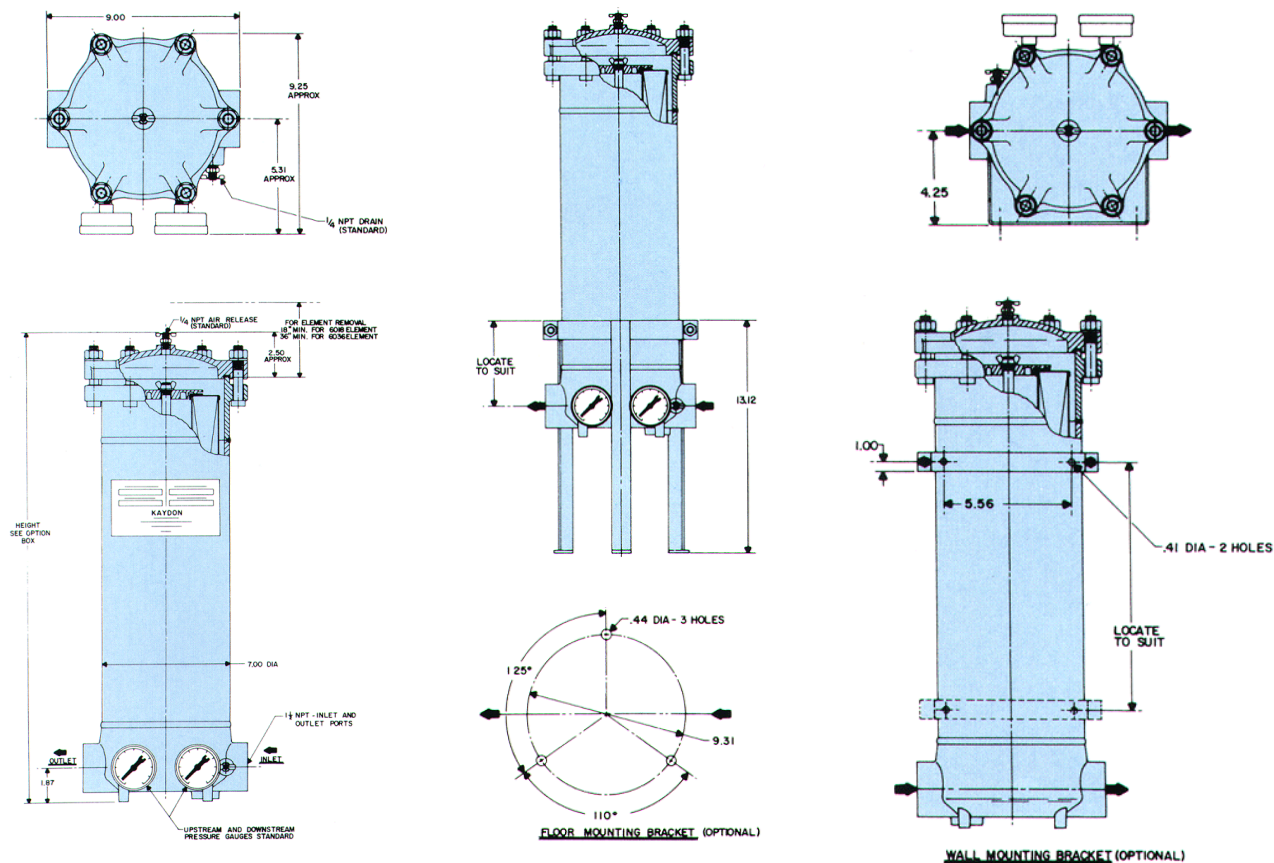
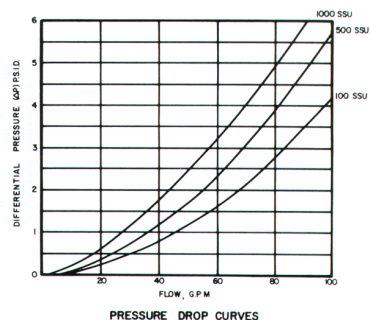
KAYDON
FILTRATION GROUP

**MODEL 111- ONE 6" X 18" ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 200 PSI
AT FLOWS TO 200 GPM**

Page 2

NOTE:

- Design pressure: 200 PSIG @ 250°F.
- Hydrostatic Test Pressure - 300 PSIG.
- Exterior Finish - Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 22.2#.
- Volume: Approximately 3.0 gallons.
- All dimensions are approximate and in inches.
- Units shipped without elements.
- Vessel is all aluminum construction.
- Unit equipped with Nitrile (Buna-N) Seals.
- All Kaydon 6018 Elements (and former 718 size) fit model 111 housing.



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.

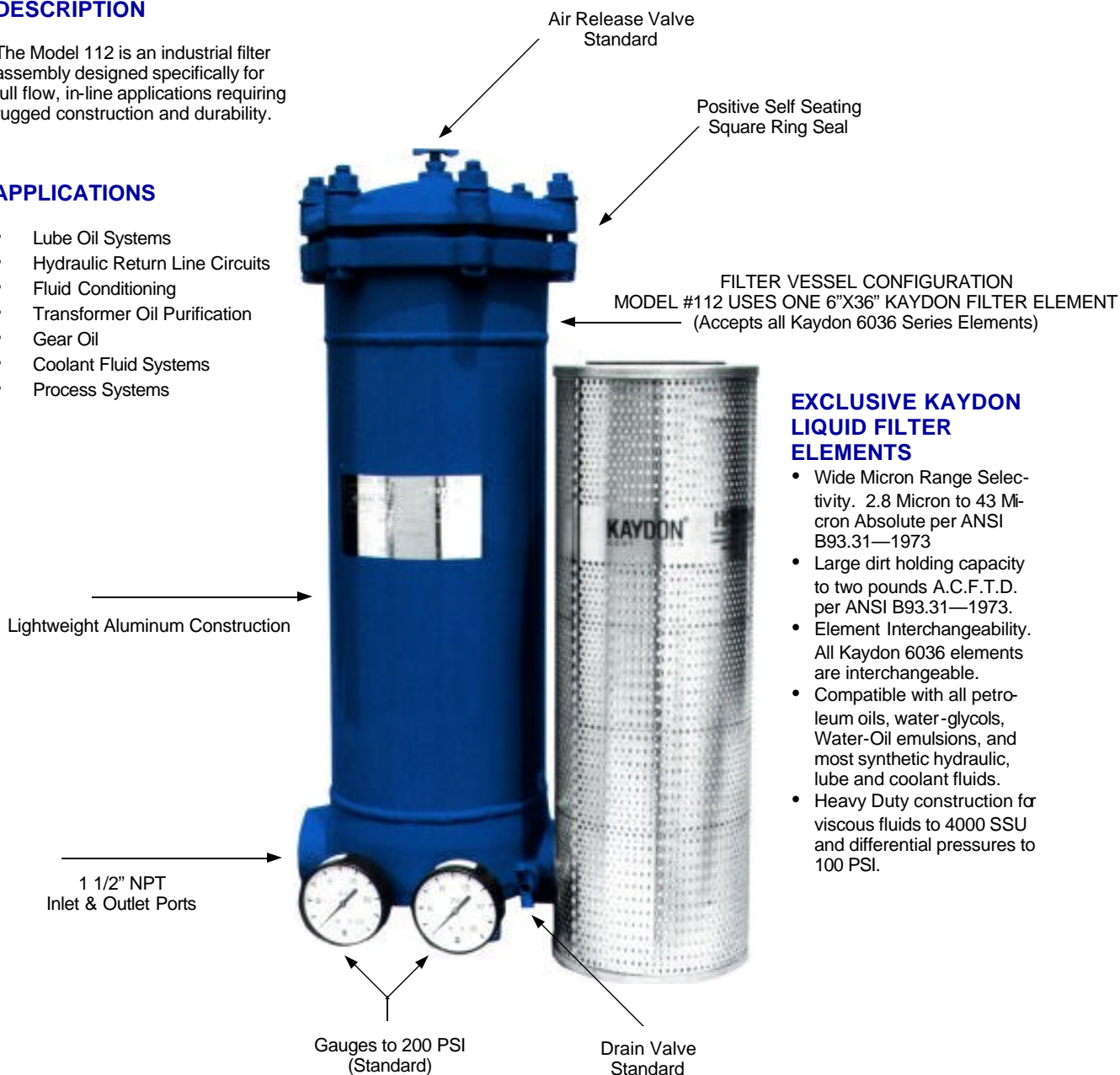
Kaydon Filtration Group - 2000

DESCRIPTION

The Model 112 is an industrial filter assembly designed specifically for full flow, in-line applications requiring rugged construction and durability.

APPLICATIONS

- Lube Oil Systems
- Hydraulic Return Line Circuits
- Fluid Conditioning
- Transformer Oil Purification
- Gear Oil
- Coolant Fluid Systems
- Process Systems



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.



Turning Ideas Into Engineered Solutions

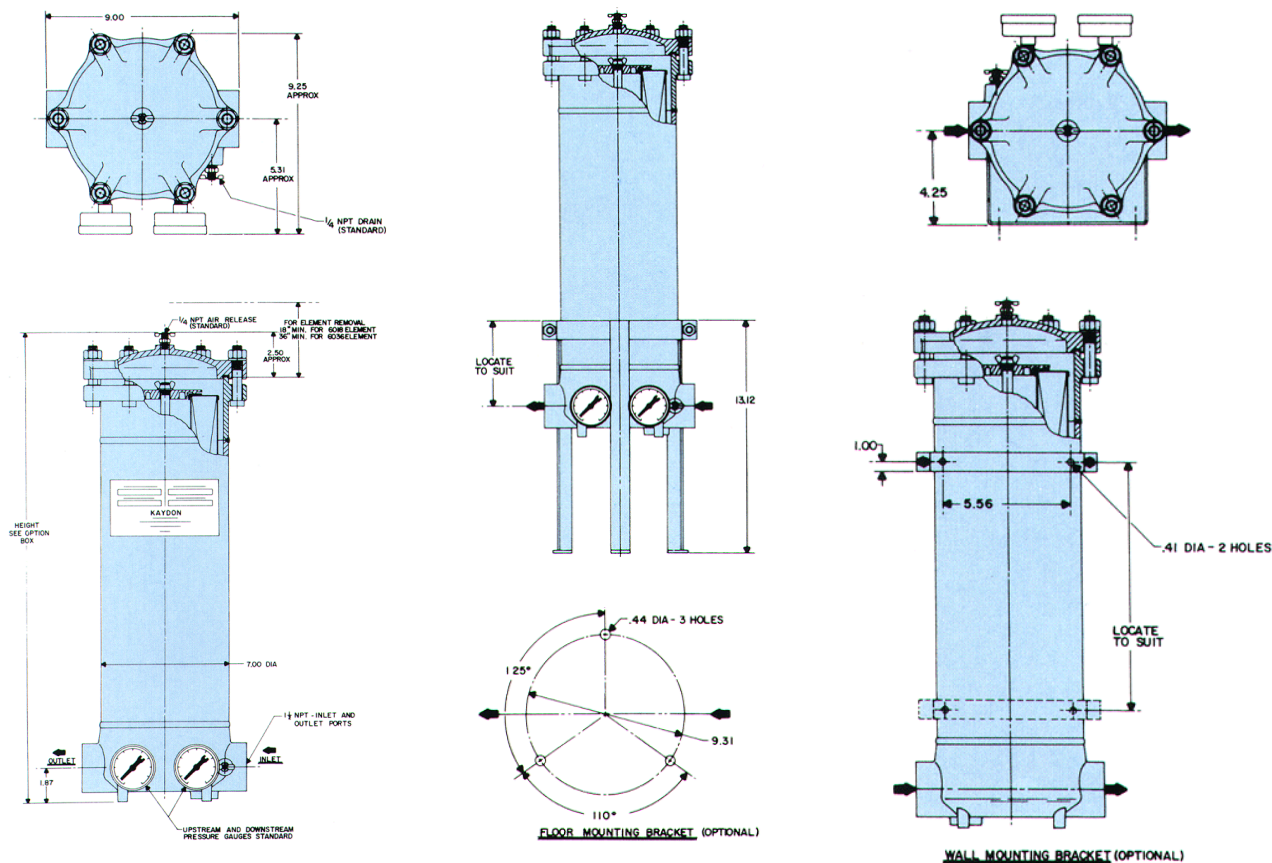
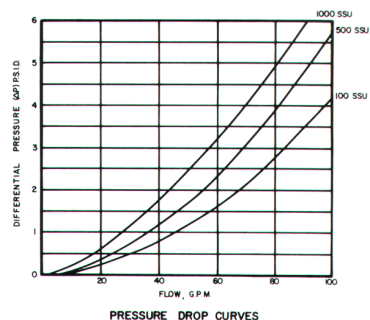
KAYDON
FILTRATION GROUP

**MODEL 112- ONE 6" X 36" KAYDON ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 200 PSI
AT FLOWS TO 200 GPM**

Page 2

NOTE:

- Design pressure: 200 PSIG @ 250°F.
- Hydrostatic Test Pressure - 300 PSIG.
- Exterior Finish - Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- Unit Dry Weight: 32.2#.
- Volume: Approximately 5.7 gallons.
- All dimensions are approximate and in inches.
- Units shipped without elements.
- Vessel is all aluminum construction.
- Unit equipped with Nitrile (Buna-N) Seals.
- All Kaydon 6036 Elements fit model 112 housing.



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.

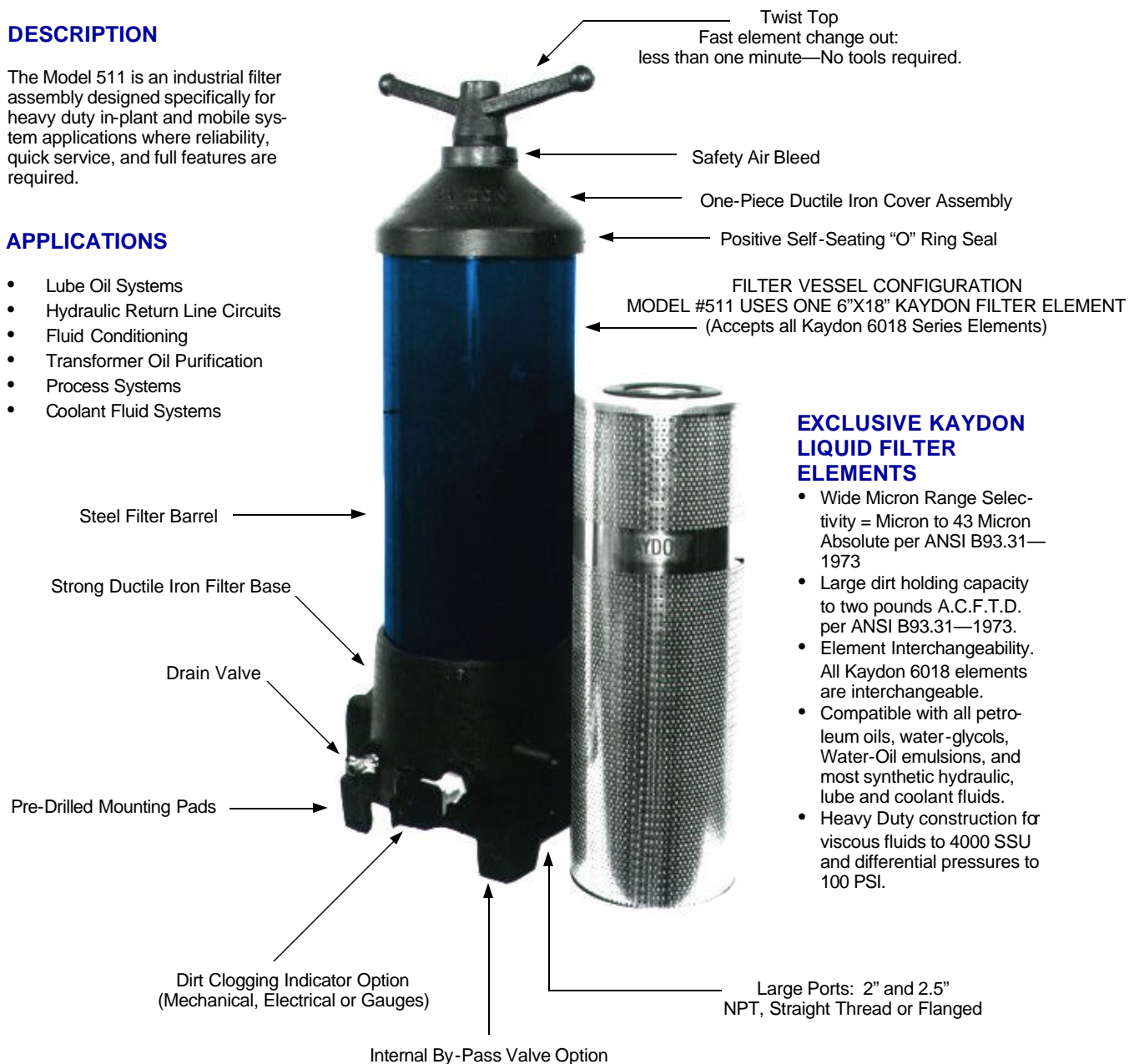
Kaydon Filtration Group - 2000

DESCRIPTION

The Model 511 is an industrial filter assembly designed specifically for heavy duty in-plant and mobile system applications where reliability, quick service, and full features are required.

APPLICATIONS

- Lube Oil Systems
- Hydraulic Return Line Circuits
- Fluid Conditioning
- Transformer Oil Purification
- Process Systems
- Coolant Fluid Systems



EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = Micron to 43 Micron Absolute per ANSI B93.31—1973
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6018 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Heavy Duty construction for viscous fluids to 4000 SSU and differential pressures to 100 PSI.

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.



Turning Ideas Into Engineered Solutions

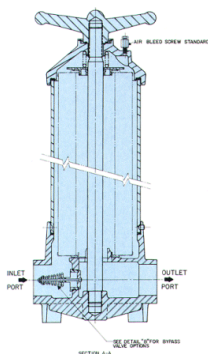
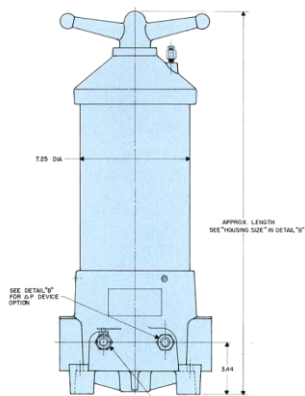
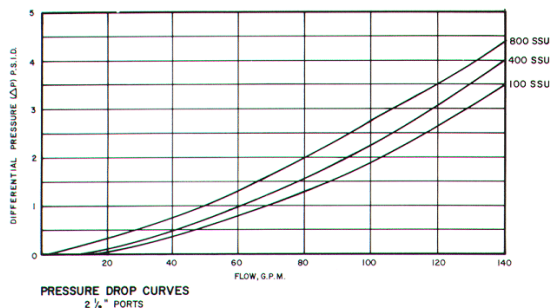
KAYDON
FILTRATION GROUP

MODEL 511- ONE 6" X 18" KAYDON ELEMENT INDUSTRIAL FLUID FILTER ASSEMBLY FOR PRESSURES TO 500 PSI AT FLOWS TO 300 GPM

Page 2

NOTE:

- Maximum operating (non-shock) pressure: 500 PSIG @ 250° F.
- Leak Test Pressure - 80 PSIG (air).
- Finish, Interior: Rust Preventative. Finish, Exterior: Kaydon Blue Shell, Black Cover & Base.
- Dust caps installed in all open through holes.
- All iron and steel construction.
- Dry weight (approximate) (No elements in housing): 88# (one element housing) 123# (two element housing).
- The term "right" and "left" is determined by the position of the option while looking down the inlet port.
- Recommend ΔP Device actuation pressure be the same as, or less than, the bypass valve setting.
- Unit will accept all Kaydon 6018/6036 series elements.
- Unit equipped with Nitrile (Buna N) Seals.
- Gauges are 0-600 PSI.



Housing Size - Number of Elements

Symbol	Quantity	Length
1	1	28.56
2	2	46.93

Port Size Option

Symbol 32 = 2"
Symbol 40 = 2.5"

ΔP Device Options

NP = None

VR15 = Visual-Right-15 PSID

VR25 = Visual-Right-25 PSID

VR40 = Visual-Right-40 PSID

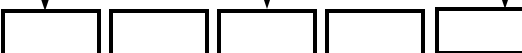
ER15 = Electrical-Right-15 PSID

ER25 = Electrical-Right-25 PSID

ER40 = electrical-Right-40 PSID

GL = Gauges-Left

MODEL 51



Port Style Option

Symbol F Port Style
SAE Flg. Per J518 Std.
Pressure Series
2* Pipe—NPT
S* SAE straight THD O-Ring
BOSS per J514
* = 2" Size Only

ByPass Valve Option

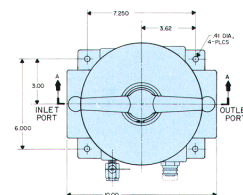
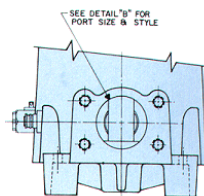
NB = No Bypass

15 = 15 PSID^

25 = 25 PSID^

40 = 40 PSID^

^ = Valve Cracking Pressure



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.

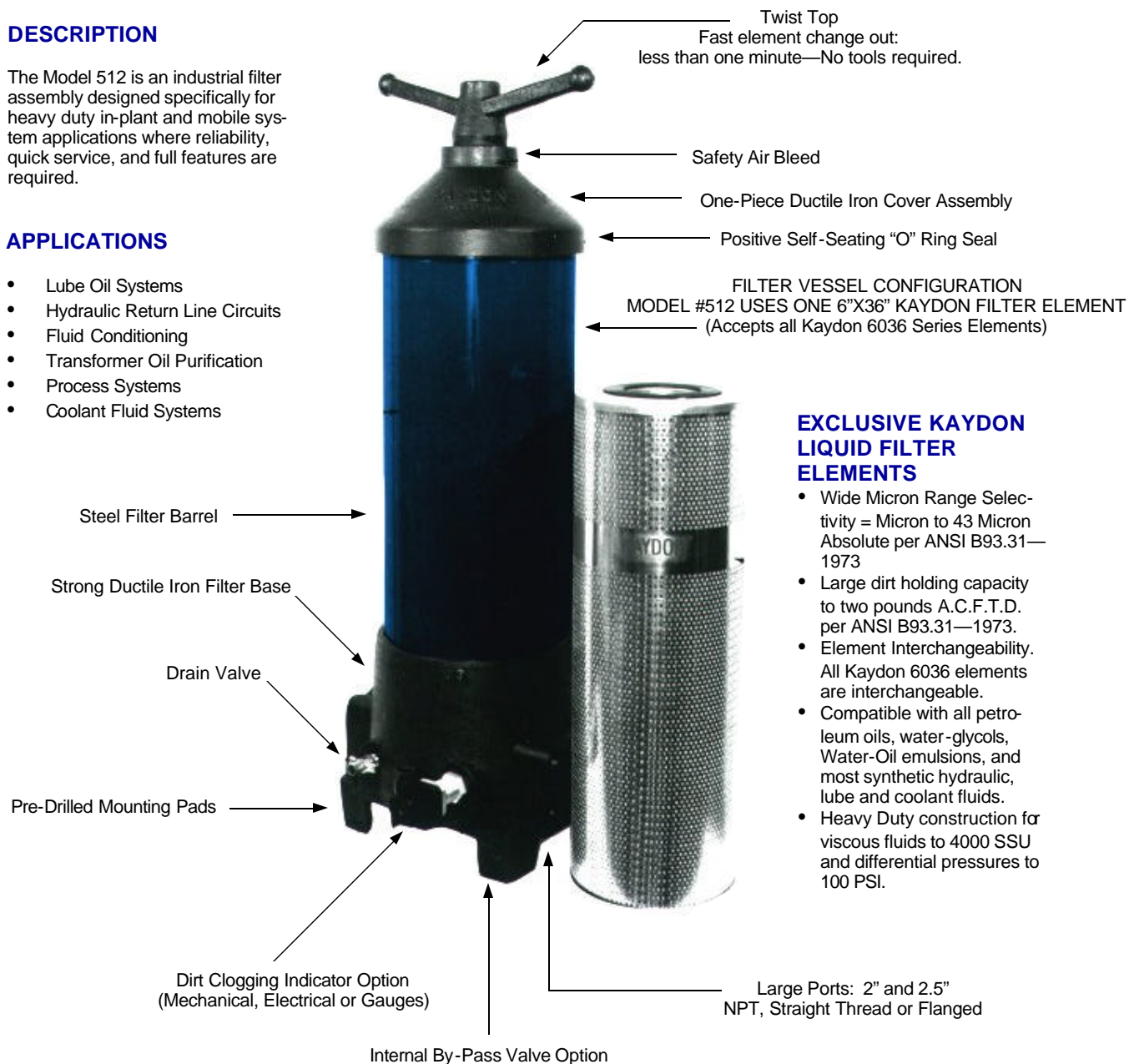
Kaydon Filtration Group - 2000

DESCRIPTION

The Model 512 is an industrial filter assembly designed specifically for heavy duty in-plant and mobile system applications where reliability, quick service, and full features are required.

APPLICATIONS

- Lube Oil Systems
- Hydraulic Return Line Circuits
- Fluid Conditioning
- Transformer Oil Purification
- Process Systems
- Coolant Fluid Systems



EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = Micron to 43 Micron Absolute per ANSI B93.31—1973
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6036 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Heavy Duty construction for viscous fluids to 4000 SSU and differential pressures to 100 PSI.

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.



Turning Ideas Into Engineered Solutions

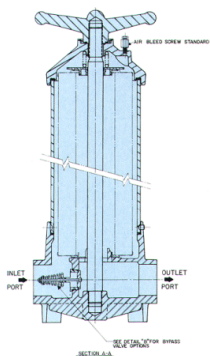
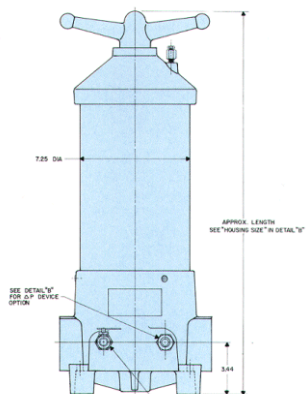
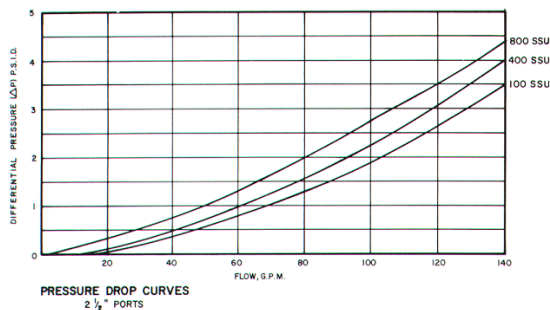
KAYDON
FILTRATION GROUP

**MODEL 512- ONE 6" X 36" KAYDON ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 500 PSI
AT FLOWS TO 300 GPM**

Page 2

NOTE:

- Maximum operating (non-shock) pressure: 500 PSIG @ 250° F.
- Leak Test Pressure - 80 PSIG (air).
- Finish, Interior: Rust Preventative. Finish, Exterior: Kaydon Blue Shell, Black Cover & Base.
- Dust caps installed in all open through holes.
- All iron and steel construction.
- Dry weight (approximate) (No elements in housing): 88# (one element housing) 123# (two element housing).
- The term "right" and "left" is determined by the position of the option while looking down the inlet port.
- Recommend ΔP Device actuation pressure be the same as, or less than, the bypass valve setting.
- Unit will accept all Kaydon 6018/6036 series elements.
- Unit equipped with Nitrile (Buna N) Seals.
- Gauges are 0-600 PSI.



Housing Size - Number of Elements		
Symbol	Quantity	Length
1	1	28.56
2	2	46.93

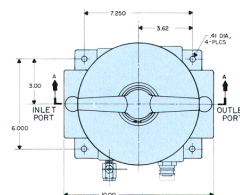
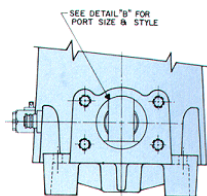
Port Size Option
Symbol 32 = 2"
Symbol 40 = 2.5"

MODEL 51

Port Style Option	
Symbol	Port Style
F	SAE Flg. Per J518 Std. Pressure Series
2*	Pipe—NPT
S*	SAE straight THD O-Ring BOSS per J514
* = 2" Size Only	

ByPass Valve Option	
NB	No Bypass
15	15 PSID^
25	25 PSID^
40	40 PSID^
^ = Valve Cracking Pressure	

ΔP Device Options
NP = None
VR15 = Visual-Right-15 PSID
VR25 = Visual-Right-25 PSID
VR40 = Visual-Right-40 PSID
ER15 = Electrical-Right-15 PSID
ER25 = Electrical-Right-25 PSID
ER40 = electrical-Right-40 PSID
GL = Gauges-Left



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

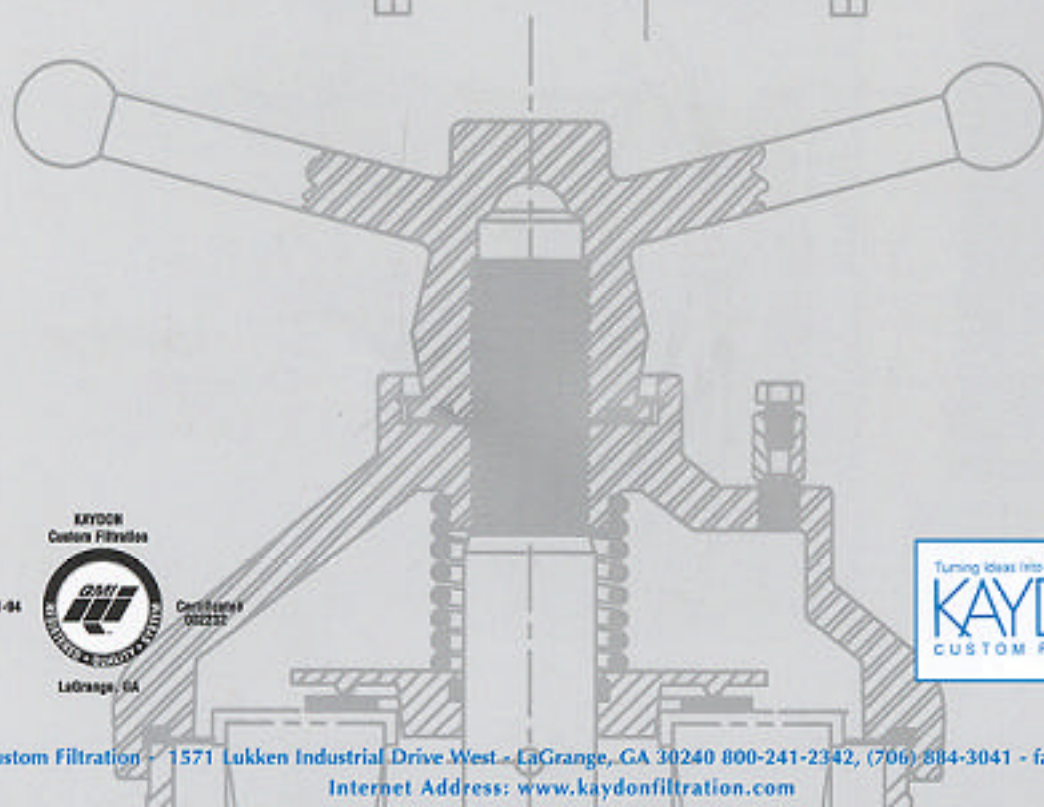
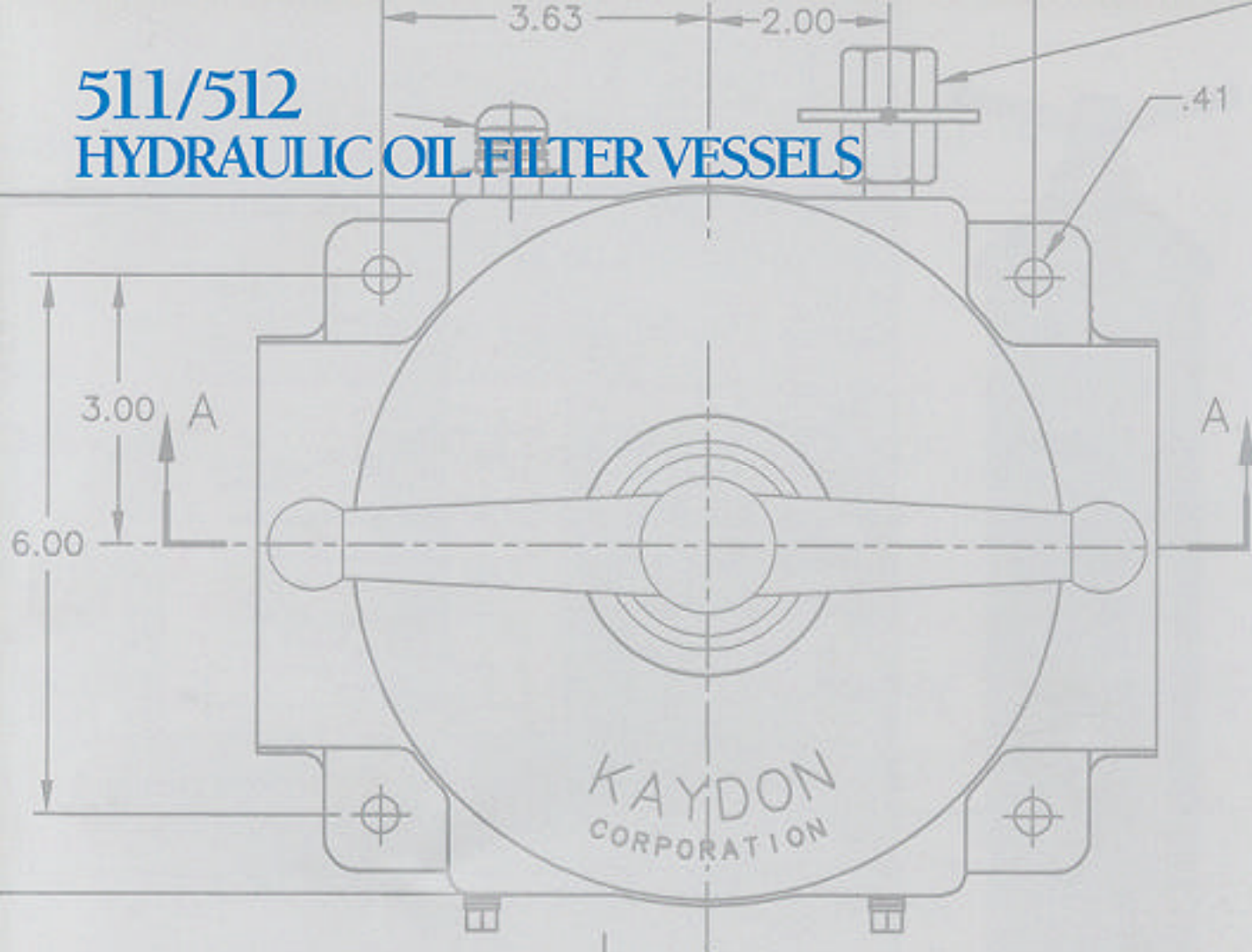


Certificate #002232

MADE IN U.S.A.

Kaydon Filtration Group - 2000

511/512 HYDRAULIC OIL FILTER VESSELS

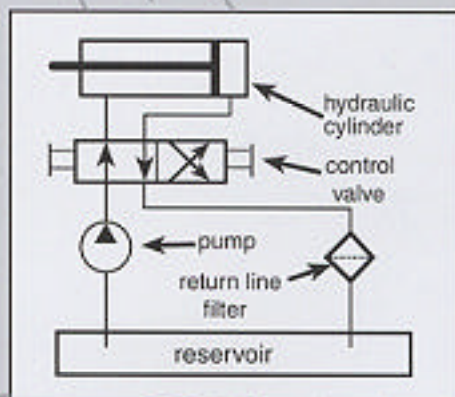




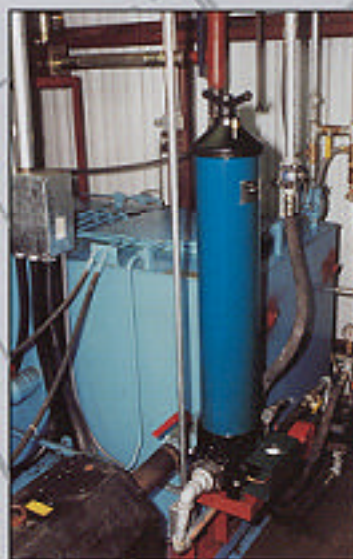
THE 511/512 IN ACTION

HYDRAULIC RETURN LINE FILTRATION

511/512 FILTERS ARE MADE FOR FILTERING LOW PRESSURE HYDRAULIC FLUID RETURNING TO THE RESERVOIR WITH HIGH FLOW RATES, 30 - 140 GPM. THE TERMINATOR MINIMIZES FLOW RESTRICTION BY UTILIZING LARGE PORTS AND OPEN FLOW FLUID ROUTING.



DEEP PLEATED WIRE SUPPORTED ABSOLUTE RATED (2.0 - 37 MICRONS, ABSOLUTE PER ISO 4572) MICRO-FIBERGLASS MEDIA FILTER ELEMENTS PROVIDE MAXIMUM FILTERING AREA UP TO 7,600 SQUARE INCHES TO MINIMIZE PRESSURE DROP AND MAXIMIZE FILTER ELEMENT LIFE AND FLUID CLEANLINESS.

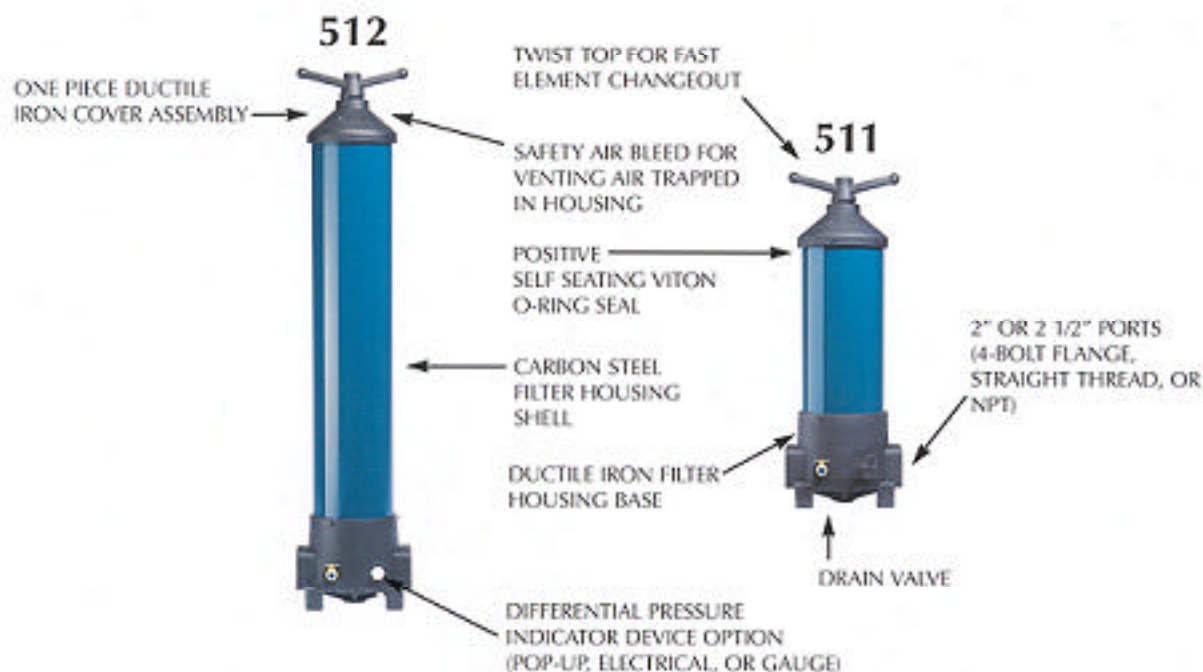


HYDRAULIC OFF-LINE FILTRATION

511/512 FILTERS HAVE TREMENDOUS DIRT HOLDING CAPACITY, UP TO 1,100 GRAMS SAE FINE TEST DUST PER ISO 4572, WHICH MAKES THEM IDEAL FOR OFF-LINE FILTRATION OF HYDRAULIC FLUID. OFF-LINE FILTRATION MAXIMIZES FILTER ELEMENT DIRT HOLDING CAPACITY FOR LONG LIFE BY PROVIDING A CONTINUOUS EVEN FLOW AND PERMITS FILTER CHANGE OUT WITHOUT SHUTTING THE HYDRAULIC SYSTEM DOWN.

511/512

FILTER HOUSING FEATURES



by-pass valve
Protects element from high differential pressures due to dirt loading and cold startups.



inlet/outlet gauges
0-600 psig



pop-up differential pressure indicator
Pop-up or electrical indicator devices signals a high differential pressure before bypass valve opens. This indicates element needs replacement.

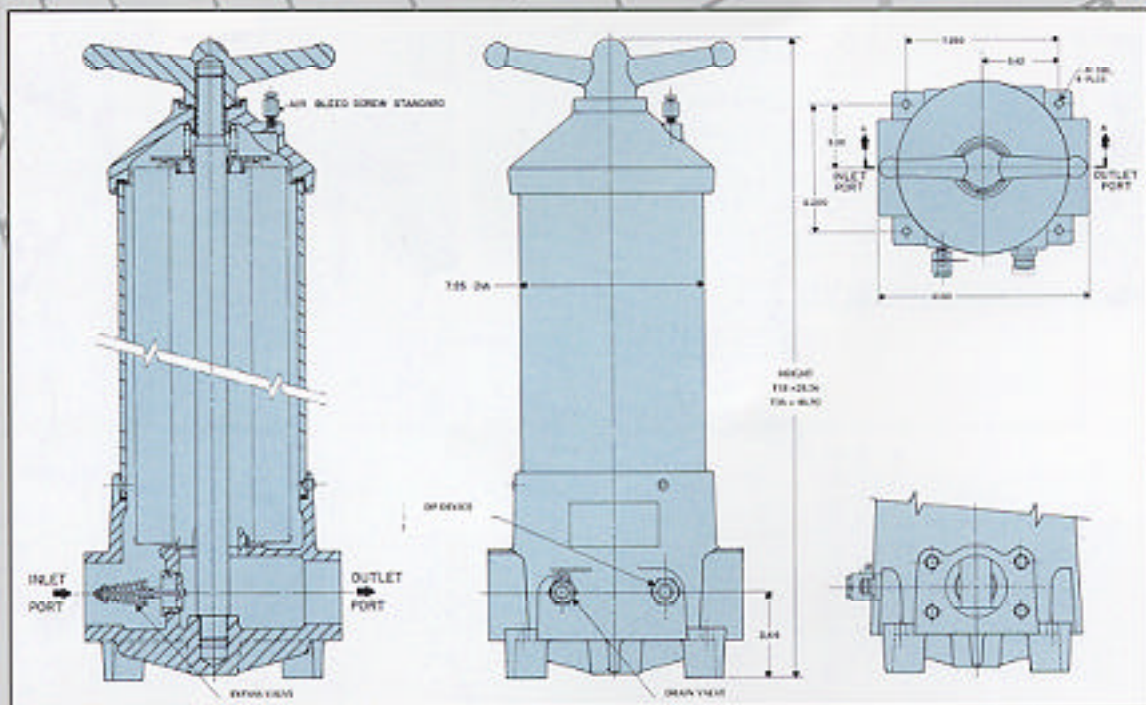


Differential Pressure Gauge
The DP gauge gives an accurate level of differential pressure in psid at all times and indicates with a "Red" scale the need for an element replacement.



electrical differential pressure indicator

1. Maximum Flow Rate: 140 gpm
2. Maximum Operating Pressure:
500 psig
3. Interior: Rust Preventative Coating
Exterior: Kaydon Blue Shell
Black Head & Base
4. Construction:
Head & Base -
Ductile Iron
Shell Construction -
Carbon Steel
5. Dry Weight:
Model 511 = 88 lbs.
Model 512 = 123 lbs.
6. Seals: BUNA-N
7. Inlet/Outlet Port Style:
SAE 4-Bolt Flange = 2" or 2 1/2"
SAE Straight Thread = 2"
NPT Pipe Thread = 2"
8. Bypass Valve:
15, 25, or 40 psid
9. Differential Pressure Indicator Device:
Visual Pop-Up Indicator -
15, 25, or 40 psid
Electrical Switch Indicator -
15, 25, or 40 psid
Inlet-Outlet Gauges - 0-600 psig
Differential Pressure Gauge -
0-40 psid



KAYDON HIGH PERFORMANCE
EXTENDED LIFE FILTER ELEMENT

END CAP ASSEMBLY

NITRILE GASKETS, STEEL
ENDCAPS, AND EPOXY
ADHESIVES.

HEAVY DUTY CONSTRUCTION

HIGH COLLAPSE RATING AT
100 PSID AND CAPABLE OF
FILTERING VISCOUS FLUIDS
UP TO 4,000 SSU.

KAYDON FIBERGLASS FILTER
MEDIA

MAINTAINS PLEAT INTEGRITY,
RESISTS AGAINST PROBLEMS
DUE TO FLOW OR PRESSURE
SURGES, AND REMAINS
SUPPORTED AT COLD START-
UPS AND HIGH DIRT LOADING
CONDITIONS. MEDIA IS
SUPPORTED BOTH UPSTREAM
AND DOWNSTREAM.



STEEL JACKET

PERFORATED STEEL JACKET PROTECTS
ELEMENT MEDIA AND DEAD BAND
AREA CLEARLY LABELS THE ELEMENT
MODEL AND SPECIFICATIONS.

WIDE MICRON RANGE SELECTIVITY

2.8 MICRON TO 37 MICRON
ABSOLUTE PER ISO 4572.

HIGH DIRT HOLDING CAPACITY

CAPACITY TO OVER TWO POUNDS
PER ANSI/NFPA T3.10.8.0R1.

**THE KAYDON KAYMAX FILTER
ELEMENTS ARE DESIGNED TO
MEET THE CRITICAL FILTRATION
REQUIREMENTS OF TODAY'S
HYDRAULIC FLUID SYSTEMS.
THE KAYMAX FILTER ELEMENT
USES SPECIALLY FORMULATED
MULTI-LAYERED FIBERGLASS
MEDIA FOR ULTRA FINE PARTICLE
FILTRATION WITH EXTENDED
ELEMENT LIFE. THE KAYMAX
FILTER ELEMENT MAINTAINS
EXCEPTIONAL PLEAT INTEGRITY
UNDER FLOW OR PRESSURE
CHANGES AND IS UNAFFECTED
BY THE PRESENCE OF WATER.
COMPATIBLE WITH PETROLEUM
BASE HYDRAULIC OILS, WATER-
OIL EMULSIONS, AND MOST
SYNTHETIC HYDRAULIC FLUIDS.**

511/512 Filter Element Specifications

Element Nomenclature:

KM

Kaydon Terminator
Filter Element Series

60XX

6018 = 6" x 18" Element
6036 = 6" x 36" Element

ZZ

Means Efficiency Rating:

05 = .5 Micron 2 = 2 Micron 3 = 3 Micron
8 = 8 Micron 15 = 15 Micron

Strainer Element Rating:

100 = 100 Mesh (141 Micron)
200 = 200 Mesh (74 Micron)

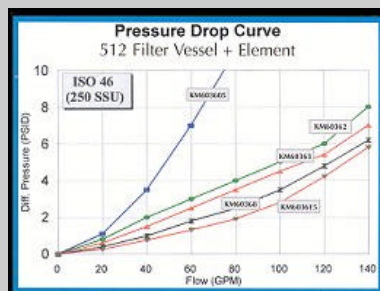
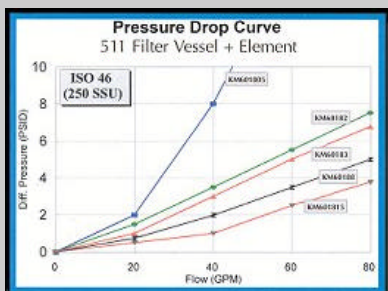
Performance

Mean Efficiency

Absolute Efficiency

Dirt Holding Capacity

	ISO 4572	ISO 4572	ISO 4572	Surface Area
Model # - (6" x 18")	(microns)	(microns)	(grams)	(square inches)
KM601805	0.5	2.8	150	3,200
KM60182	2.0	6.0	175	3,500
KM60183	3.0	10.0	225	3,500
KM60188	8.0	20.0	325	3,800
KM601815	15.0	37.0	425	3,800
Strainer Elements				
KS6018100	NA	141.0	NA	3,200
KS6018200	NA	74.0	NA	3,200
Model # - (6" x 36")				
KM603605	0.5	2.8	375	6,400
KM60362	2.0	6.0	440	7,000
KM60363	3.0	10.0	565	7,000
KM60368	8.0	20.0	815	7,600
KM603615	15.0	37.0	1,100	7,600
Strainer Elements				
KS6036100	NA	141.0	NA	6,400
KS6036200	NA	74.0	NA	6,400



Normal Operating Flow Rate _____ GPM
 Maximum Flow Rate _____ GPM
 Fluid Name _____
 Fluid Viscosity _____ SSU _____ CST
 Normal Fluid Temperature _____ F / C
 Maximum Fluid Temperature _____ F / C
 Normal Operating Pressure _____ PSIG
 Maximum Operating Pressure _____ PSIG
 Clean Pressure Drop Required _____ PSID
 Terminal Pressure Drop _____ PSID
 Bypass Valve Setting _____ PSID

Differential Pressure Indicator _____ Pop-Up
 _____ Electrical
 _____ Diff. Pressure Gauge
 _____ Inlet/Outlet Gauges
 Application _____ Return Line
 _____ Off-Line
 _____ Suction
 _____ Pressure
 Element Absolute Rating _____ 2.8 micron
 _____ 6.0 micron
 _____ 10.0 micron
 _____ 20.0 micron
 _____ 37.0 micron
 Reservoir Capacity _____ Gallons

Port Size and Style Required: _____

Other Information: _____

Housing Size			Bypass Valve Option		Element	
Number of Elements			Symbol	Description	Symbol	Symbol
Symbol	Size	Qty	NB	No Bypass		
1	6" x 18"	1	15	15 psid	KM601805	KM603605
2	6" x 36"	1	25	25 psid	KM60182	KM60362
			40	40 psid	KM60183	KM60363
					KM60188	KM60368
					KM601815	KM6013615
					KS18100	KS6036100
					KS6018200	KS6036200

Model 51

Port Style Options		Differential Pressure Device Options	
Symbol	Port Style	Symbol	Description
F2	SAE 4-Bolt flange per J518 standard pressure series (2" ports)	NP	None
F2.5	SAE 4-Bolt flange per J518 standard pressure series (2.5" ports)	VR15	visual-right-15-psid
S2	SAE straight thread o-ring boss per J514 (2" ports)	VR25	visual-right-25-psid
P2	NPT pipe thread (2" ports)	VR40	visual-right-40-psid
		ER15	electrical-right-15-psid
		ER25	electrical-right-25-psid
		ER40	electrical-right-40-psid
		DP40	diff press gauge-left-(0-40 psid)
		GL	Inlet/outlet gauges-left-0-600 psig

511/512 HYDRAULIC OIL FILTER VESSELS



MODEL 512
With KM6036-3



MODEL 511
With KM6018-3



A) OIL DRAIN
B) ELECTRICAL
INDICATOR



SAE 4-BOLT
FLANGE PORT



BYPASS VALVE

KAYDON QUALITY ASSURANCE

Kaydon Custom Filtration understands the need for quality built products in today's hydraulic environments and thus have incorporated the highest quality standards possible in the Model 511/512 filter housing and filter elements.

Kaydon is registered to ISO 9001, the highest level within the ISO 9000 series of quality standards.

KAYDON PRODUCTS MADE IN USA.



DESCRIPTION

VKS series vessels are of all-steel, ASME Code construction designed for in-line applications requiring rugged construction and long term durability.

Operating conditions such as repeated shock, high and continued vibration do not affect the filter case or the secure seating of its internal parts and filter media.

APPLICATIONS

- Hydraulic Oil
- Lubricating Oil
- Insulating Oil
- Diesel Fuel
- Gear Oil
- Coolant Fluids
- Cutting Oil
- Synthetic Oil
- Process Systems

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = 2.8 Micron to 37 Micron Absolute per ANSI (NFPA) T3.10.8.8R1.
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI (NFPA) T3.10.8.8R1.
- Element Interchangeability. All Kaydon 6018 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Construction for fluids to 4000 SSU and differential pressures to 100 PSI.



OPTIONS:

- Differential Pressure Gauge
- Automatic Air Release Valve
- Internal Element Bypass Valve
- (15, 25, or 40 psid).

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.



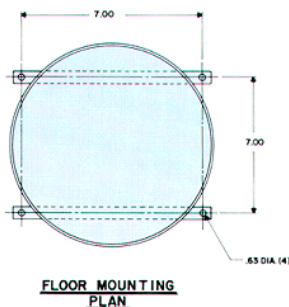
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL VKS-1
ONE 6" X 18" KAYDON ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 500 PSI
AT FLOWS TO 300 GPM
Page 2

NOTE:

- Design pressure: 150 PSIG @ 250°F.
- Hydrostatic Test Pressure - 225 PSI.
- Interior Finish: Rust Preventative. Exterior Finish: Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate.
- Vessel is designed constructed and labeled in accordance with paragraph UW-12[C] of the latest ASME Code, Section VIII.
- Unit shipped without elements.
- Volume: Approximately 6 Gallons.
- Dry Weight: Approximately 100#.
- Vessel is all carbon steel welded constructed.
- All Kaydon 6018 elements fit VKS1 Housing.

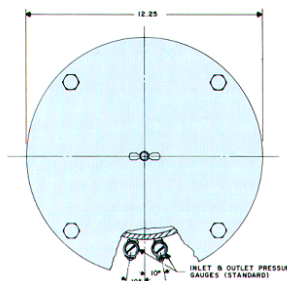
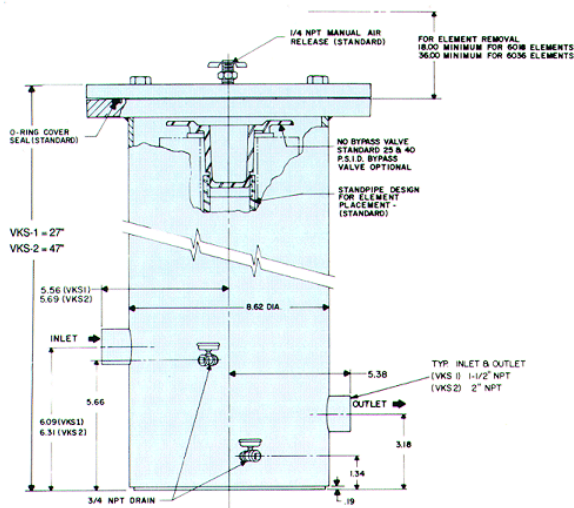


MODEL VKS -

Model Size		
Symbol	# of Elements	
	18"	36"
1	1	-
2	2	-

External Valve
N = Manual air release only.
A = Automatic Air Release Valve.
R = Pressure Relief Valve.
AR = Automatic Air Release and Pressure Relief Valve

Internal Bypass
N = No bypass standard
25 = 25 PSID Bypass
40 = 40 PSID Bypass



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.

Kaydon Filtration Group - 2000

DESCRIPTION

VKS series vessels are of all-steel, ASME Code construction designed for in-line applications requiring rugged construction and long term durability.

Operating conditions such as repeated shock, high and continued vibration do not affect the filter case or the secure seating of its internal parts and filter media.

APPLICATIONS

- Hydraulic Oil
- Lubricating Oil
- Insulating Oil
- Diesel Fuel
- Gear Oil
- Coolant Fluids
- Cutting Oil
- Synthetic Oil
- Process Systems

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = 2.8 Micron to 37 Micron Absolute per ANSI (NFPA) T3.10.8.8R1.
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI (NFPA) T3.10.8.8R1.
- Element Interchangeability. All Kaydon 6036 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Construction for fluids to 4000 SSU and differential pressures to 100 PSI.



OPTIONS:

- Differential Pressure Gauge
- Automatic Air Release Valve
- Internal Element Bypass Valve
- (15, 25, or 40 psid).

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.



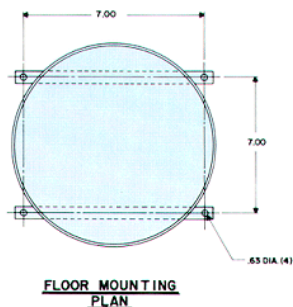
Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL VKS-2
ONE 6" X 36" KAYDON ELEMENT
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 500 PSI
AT FLOWS TO 300 GPM
Page 2

NOTE:

- Design pressure: 150 PSIG @ 250°F.
- Hydrostatic Test Pressure - 225 PSI.
- Interior Finish: Rust Preventative. Exterior Finish: Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate.
- Vessel is designed constructed and labeled in accordance with paragraph UW-12[C] of the latest ASME Code, Section VIII.
- Unit shipped without elements.
- Volume: Approximately 10 Gallons.
- Dry Weight: Approximately 130#.
- Vessel is all carbon steel welded constructed.
- All Kaydon 6018/6036 elements fit VKS2 Housing.

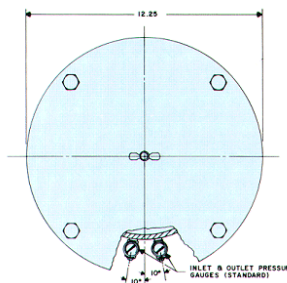
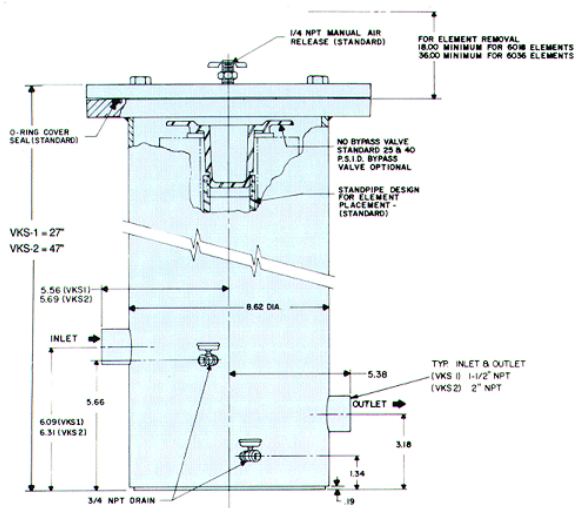


MODEL VKS -

Model Size		
Symbol	# of Elements	
	18"	36"
1	1	-
2	2	-

External Valve
N = Manual air release only.
A = Automatic Air Release Valve.
R = Pressure Relief Valve.
AR = Automatic Air Release and Pressure Relief Valve

Internal Bypass
N = No bypass standard
25 = 25 PSID Bypass
40 = 40 PSID Bypass



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.

Kaydon Filtration Group - 2000

FV-71 and FV-72 Filter Vessels

**Carbon or Stainless Steel Threaded Base Elements
Flat Base Elements Also Available**

Features

- **Heavy Carbon or Stainless Steel Construction.**
- **½" Thick Vessel Wall.**
- **1½" NPT Inlet and Outlet.**
- **¼" Gauge Ports in Three Places.**
- **Polane-Type Urethane Finish.**
- **150 PSI Working Pressure.**
- **Buna-N Lid Gasket.**
- **½" NPT Drain.**



FV-71 and FV-72 Filter Vessels come in carbon or stainless steel construction. The FV-72 is shown in

Applications

Filterdyne® Filter Vessels remove water and dirt from:

Cooling Water

Quench Oil

Lube Oils

Hydraulic Oil

Coolant

Cutting Oil

Insulating Oil

Solvents

Gasoline

Diesel Fuel

kerosene

Gear Oil

**FILTERDYNE®
THE KAYDON FILTRATION GROUP**

www.kaydonfiltration.com

Instant Literature-by-Fax: www.kaydonfilter.thomasregister.com

1571 Lukken Industrial Drive West - LaGrange, GA 30240-5756

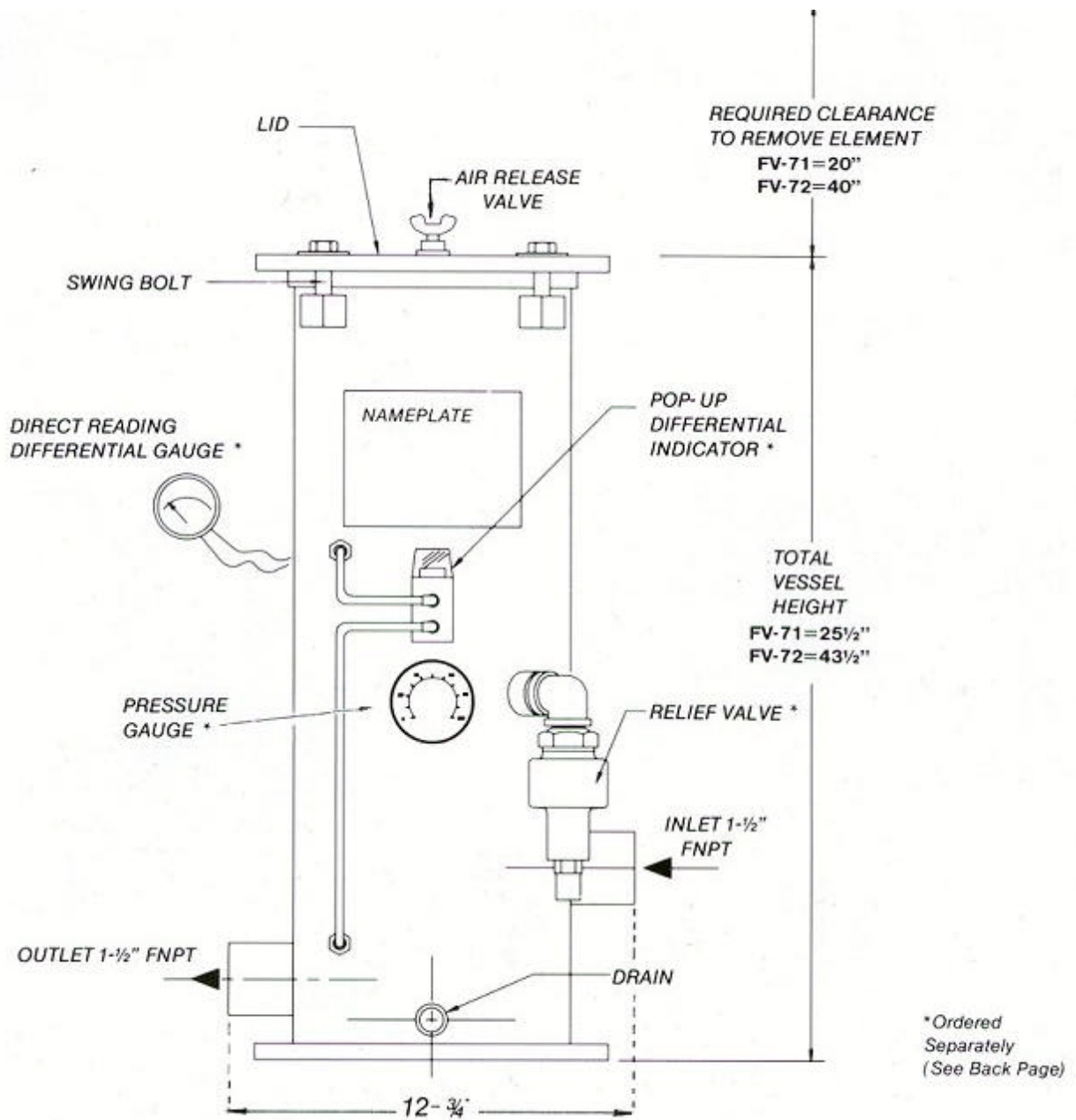
Phone: 706-884-3041 Fax: 706-883-6199

ISO 9001-97



**Certificate #002232
MADE IN U.S.A.**

Filter Vessels for Removal of Dirt and Water FV-71 and FV-72 Filter Vessels

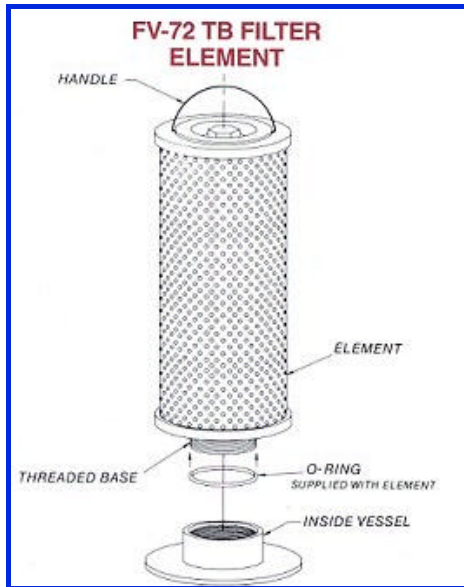


Specifications

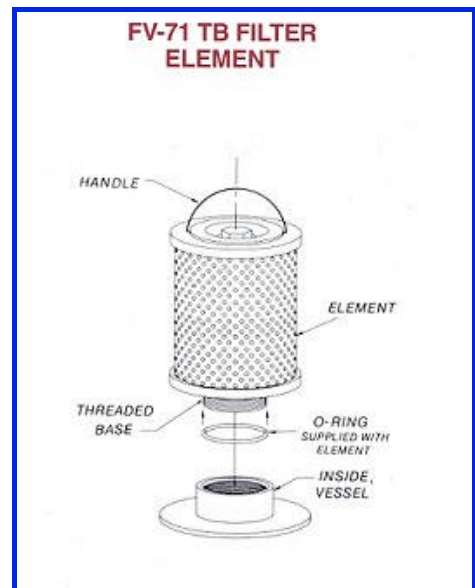
	FV-71	FV-72
Volume of Liquid	5.40 Gallons	9.45 Gallons
Shipping Weight	80 lbs.	120 lbs.
Available Surface for Filtration	65 Square Feet	130 Square Feet
Gasket Number	122-3	122-3

FV-71 and FV-72 Filter Elements

Threaded Base Elements Positive Seal - No Leaks - Fewer Parts



Filterdyne's® elements thread into the vessel and form a positive seal with no leaks. This design insures high performance, ease of element installation and removal. Wing nuts, bolts, rods, plates, etc., are not required.

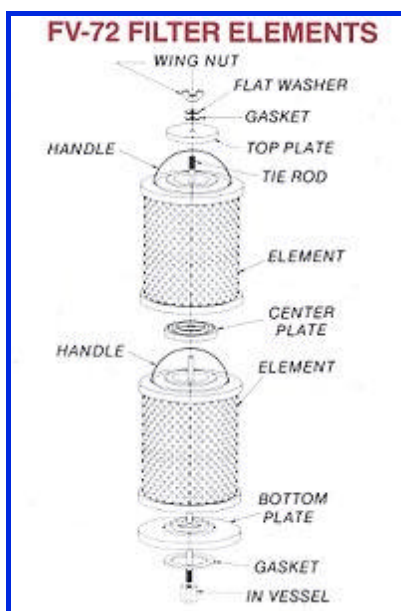


Element Part Numbers For FV-72 TB-257 & FV-72 TBSS-260 1-36" Element Required

FE-636-631 = ½ Micron
FE-636-632 = 1 Micron
FE-636-633 = 5 Micron
FE-636-634 = 10 Micron
FE-636-635 = Clay Canister
FE-636-636 = 5 Micron/Waterlock
FE-636-721 = 25 Micron
FE-636-797 = Activated Alumina
FE-636-801 = Xilloc Oil Absorbing
FE-636-929 = Activated Carbon

Element Part Numbers For FV-71 TB-256 & FV-71 TBSS-259 1-18" Element Required

FE-618-562 = 5 Micron
FE-618-563 = 1 Micron
FE-618-566 = ½ Micron
FE-618-567 = 10 Micron
FE-618-569 = 5 Micron/Waterlock
FE-618-570 = Clay Canister



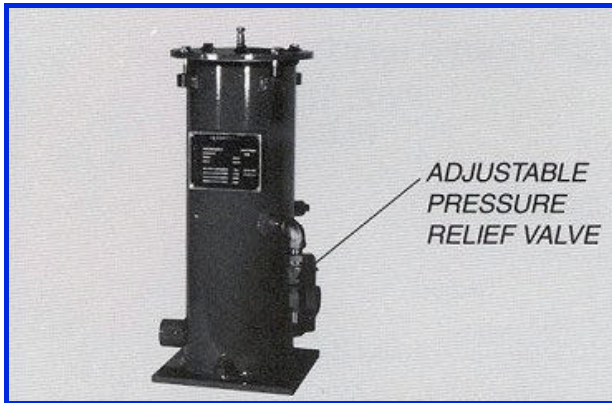
Flat Gasket Elements

For FV-72-206 & FV-72-SS-223 Filter Vessels 2-18" Elements

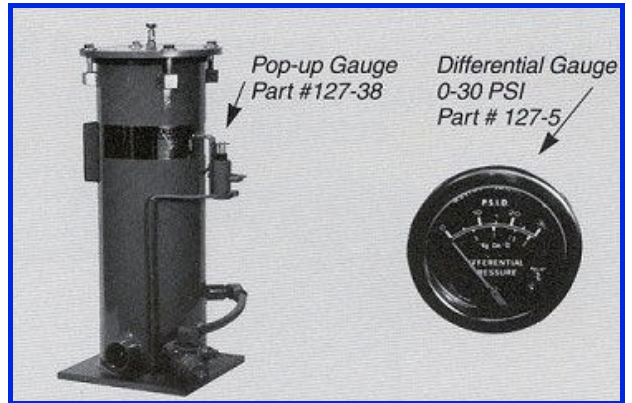
FE-618-303 = ½ Micron
FE-618-304 = 1 Micron
FE-618-306 = 5 Micron
FE-618-307 = 10 Micron
FE-618-310 = 25 Micron
FE-618-340 = Clay Canister
FE-618-459 = 5 Mic/Waterlock
FE-618-494 = 1 Mic/Act. Alumina
FE-618-777 = Act. Alumina/SS Barrier
FE-618-786 = Activated Carbon
FE-618-943 = 10 Mic/Act. Alumina
FE-618-944 = 5 Mic/Act. Alumina
FE-718-338 = Activated Alumina
FE-718-339 = Activated Carbon
FE-718-342 = Clay Canister



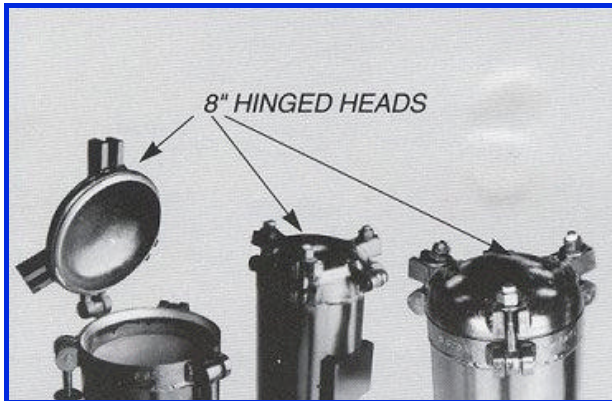
Filterdyne® Filtler Vessel Options Special Options Available



**Adjustable Pressure Relief Valve 75-150 PSI
Part Number 126-40**



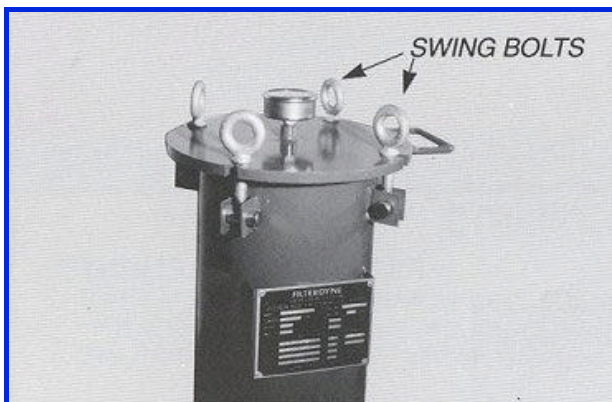
**Choose Pop-Up Gauge or
The 0-30 PSI Differential Gauge**



**8" Hinged Head with O-Ring Seal
Part Number 180-422**



**0-160 PSI Gauge
Part Number 127-55**



**Swing Bolts on Lid with O-Ring Seal
Part Number 180-850**

Optional Parts FV-71 and FV-72

	Part Number
2" NPT Inlet & Outlet Coupling (2 Required)	129-388
Epoxy Coated Internals	190-229
8" Hinged Lid	180-422
Swing Bolt Lid with O-Ring Seal, 304 Stainless Steel	180-850
Pop-Up Gauge	127-38
Differential Gauge 0-30 PSI	127-5
0-160 PSI Gauge	127-55
Relief Valve	126-40

DESCRIPTION

VKS series vessels are of all-steel, ASME Code construction designed for in-line applications requiring rugged construction and long term durability.

Operating conditions such as repeated shock, high and continued vibration do not affect the filter case or the secure seating of its internal parts and filter media.

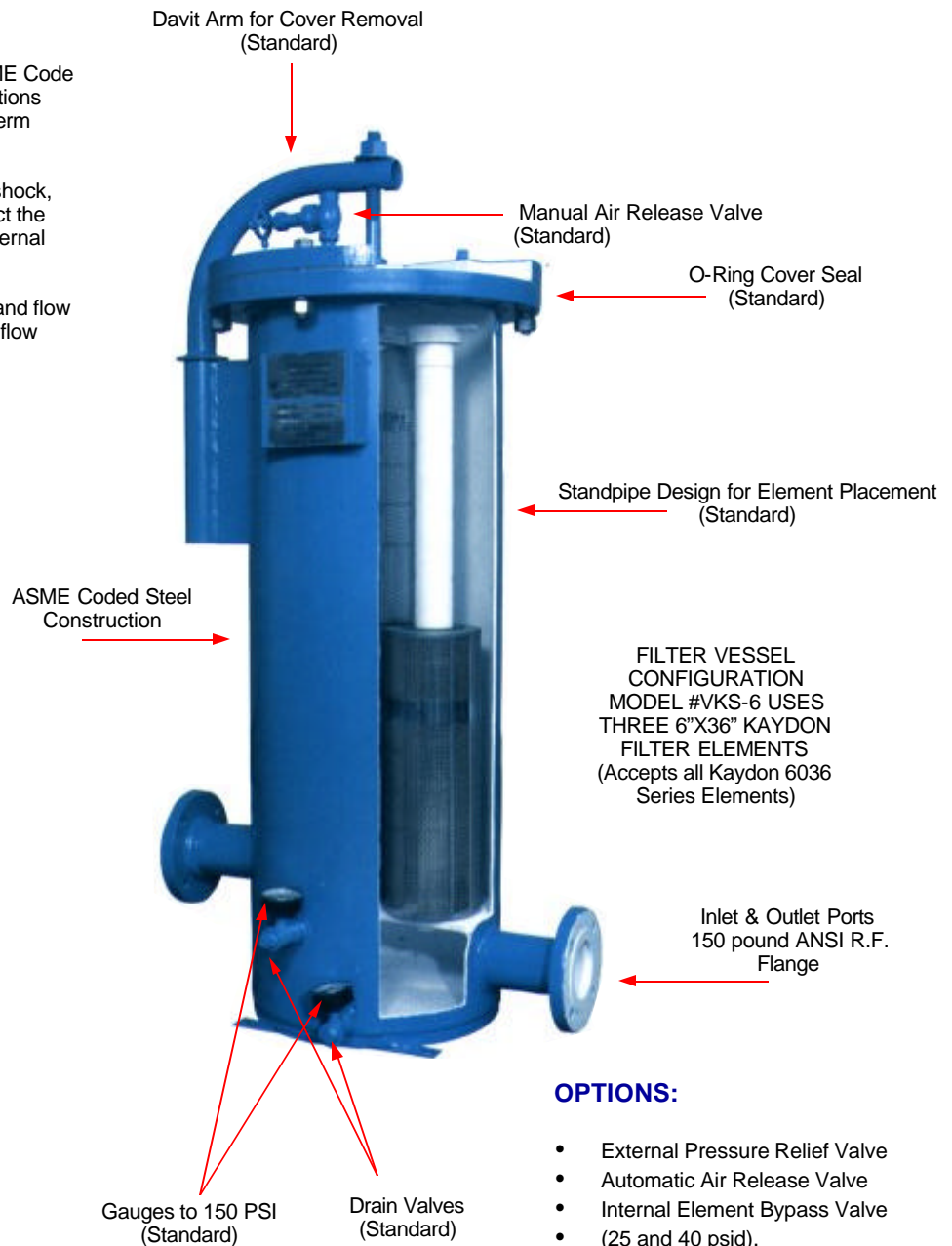
Designed for 150 psi working pressure and flow capacities consistent with bypass or full flow applications up to 800 gpm.

APPLICATIONS

- Hydraulic Oil
- Lubricating Oil
- Insulating Oil
- Diesel Fuel
- Gear Oil
- Coolant Fluids
- Cutting Oil
- Synthetic Oil
- Process Systems

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = 2.8 Micron to 43 Micron Absolute per ANSI B93.31—1973.
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6036 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Construction for fluids to 4000 SSU and differential pressures to 100 PSI.



OPTIONS:

- External Pressure Relief Valve
- Automatic Air Release Valve
- Internal Element Bypass Valve
- (25 and 40 psid).

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.



Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL VKS-6
THREE 6" X 36" KAYDON ELEMENTS
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 150 PSI
AT FLOWS TO 800 GPM
Page 2

NOTE:

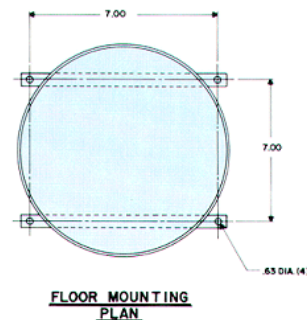
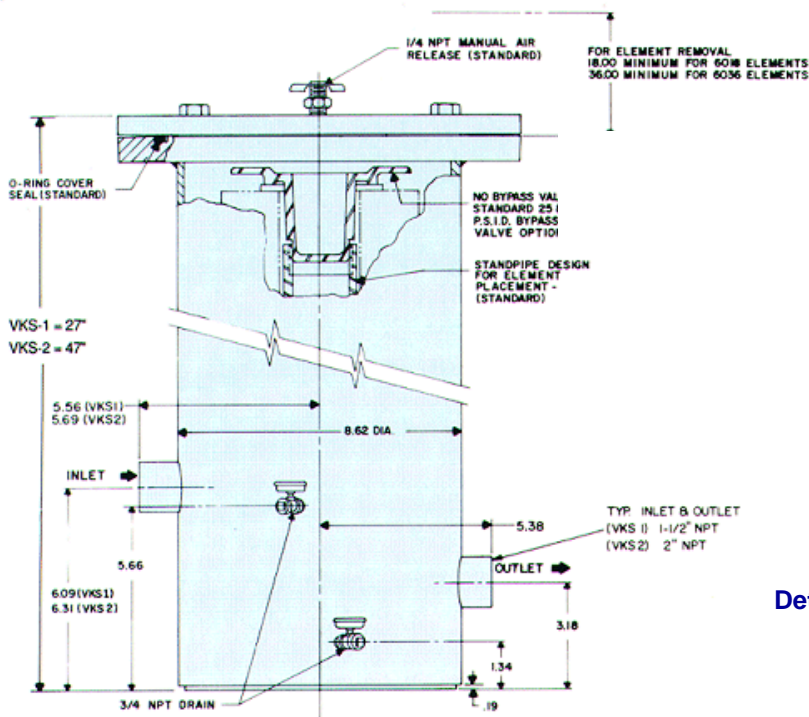
- Design pressure: 150 PSIG @ 250°F.
- Hydrostatic Test Pressure - 225 PSI.
- Interior Finish: Rust Preventative. Exterior Finish: Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate.
- Vessel is designed constructed and labeled in accordance with paragraph UW-12[C] of the latest ASME Code, Section VIII.
- Dry Weight: 450# - Volume Approx: 37 Gallons
- Unit shipped without elements.
- All Kaydon 6036 elements fit this housing. Cellulose element D197, Fullers Earth Block Element D218 and Disc Pak Elements A418/A418HF (with special adaptor) also fit this housing.

External Valve
N = Manual air release only.
A = Automatic Air Release Valve.
R = Pressure Relief Valve.
AR = Automatic Air Release and Pressure Relief Valve

MODEL VKS -

Model Size		
Symbol	# of Elements	
	18"	36"
6	6	3
10	10	5
16	16	8

Internal Bypass
N = No bypass standard
25 = 25 PSID Bypass
40 = 40 PSID Bypass



**Contact Kaydon for
Detailed Dimension Information!**

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.

DESCRIPTION

VKS series vessels are of all-steel, ASME Code construction designed for in-line applications requiring rugged construction and long term durability.

Operating conditions such as repeated shock, high and continued vibration do not affect the filter case or the secure seating of its internal parts and filter media.

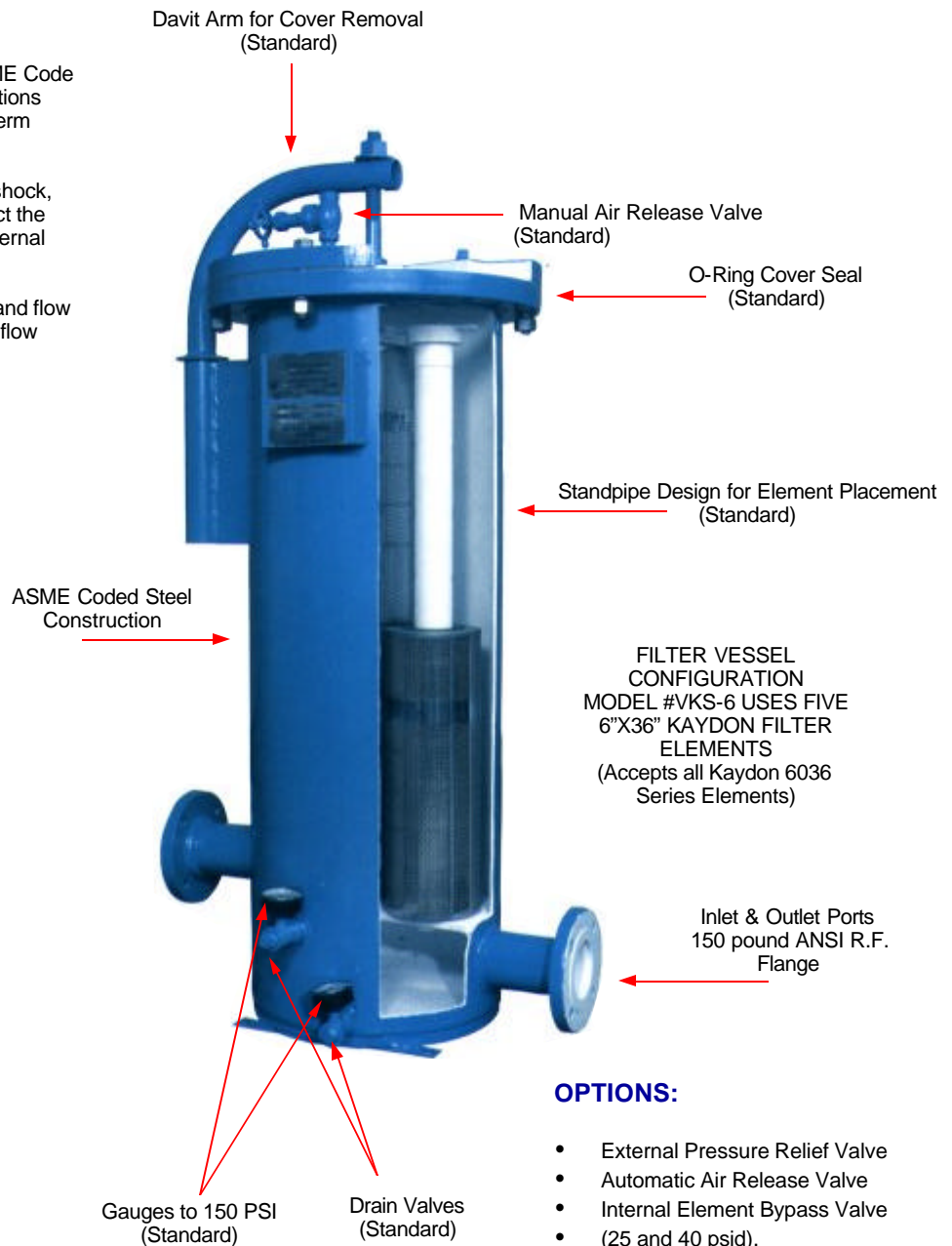
Designed for 150 psi working pressure and flow capacities consistent with bypass or full flow applications up to 800 gpm.

APPLICATIONS

- Hydraulic Oil
- Lubricating Oil
- Insulating Oil
- Diesel Fuel
- Gear Oil
- Coolant Fluids
- Cutting Oil
- Synthetic Oil
- Process Systems

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = 2.8 Micron to 43 Micron Absolute per ANSI B93.31—1973.
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6036 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Construction for fluids to 4000 SSU and differential pressures to 100 PSI.



OPTIONS:

- External Pressure Relief Valve
- Automatic Air Release Valve
- Internal Element Bypass Valve
- (25 and 40 psid).

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.



Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

MODEL VKS-10
FIVE 6" X 36" KAYDON ELEMENTS
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 150 PSI
AT FLOWS TO 800 GPM
Page 2

NOTE:

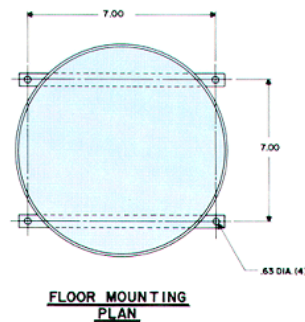
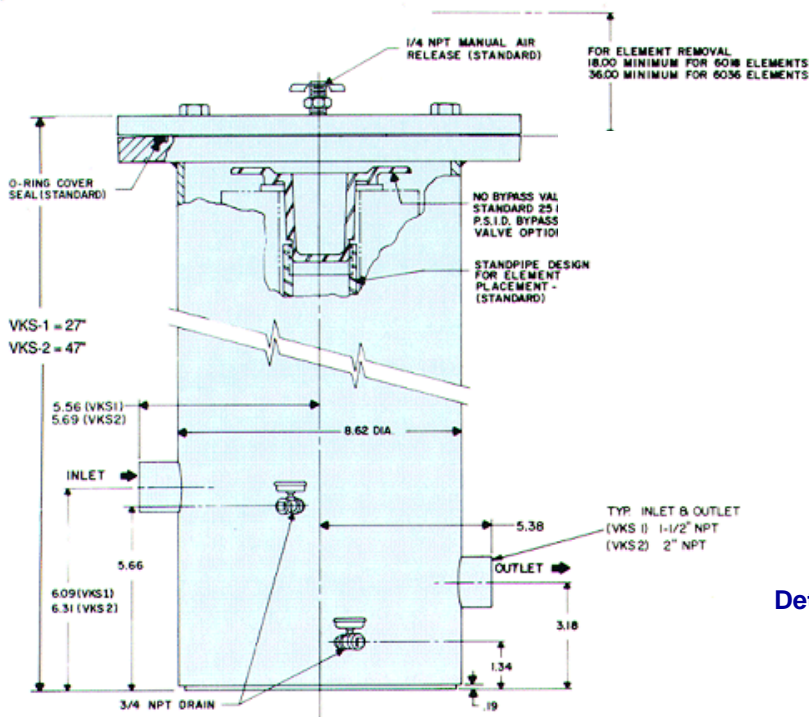
- Design pressure: 150 PSIG @ 250°F.
- Hydrostatic Test Pressure - 225 PSI.
- Interior Finish: Rust Preventative. Exterior Finish: Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate.
- Vessel is designed constructed and labeled in accordance with paragraph UW-12[C] of the latest ASME Code, Section VIII.
- Dry Weight: 825# - Volume Approx: 63 Gallons
- Unit shipped without elements.
- All Kaydon 6036 elements fit this housing. Cellulose element D197, Fullers Earth Block Element D218 and Disc Pak Elements A418/A418HF (with special adaptor) also fit this housing.

External Valve
N = Manual air release only.
A = Automatic Air Release Valve.
R = Pressure Relief Valve.
AR = Automatic Air Release and Pressure Relief Valve

MODEL VKS -

Model Size		
Symbol	# of Elements	
	18"	36"
6	6	3
10	10	5
16	16	8

Internal Bypass
N = No bypass standard
25 = 25 PSID Bypass
40 = 40 PSID Bypass



**Contact Kaydon for
Detailed Dimension Information!**

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.

DESCRIPTION

VKS series vessels are of all-steel, ASME Code construction designed for in-line applications requiring rugged construction and long term durability.

Operating conditions such as repeated shock, high and continued vibration do not affect the filter case or the secure seating of its internal parts and filter media.

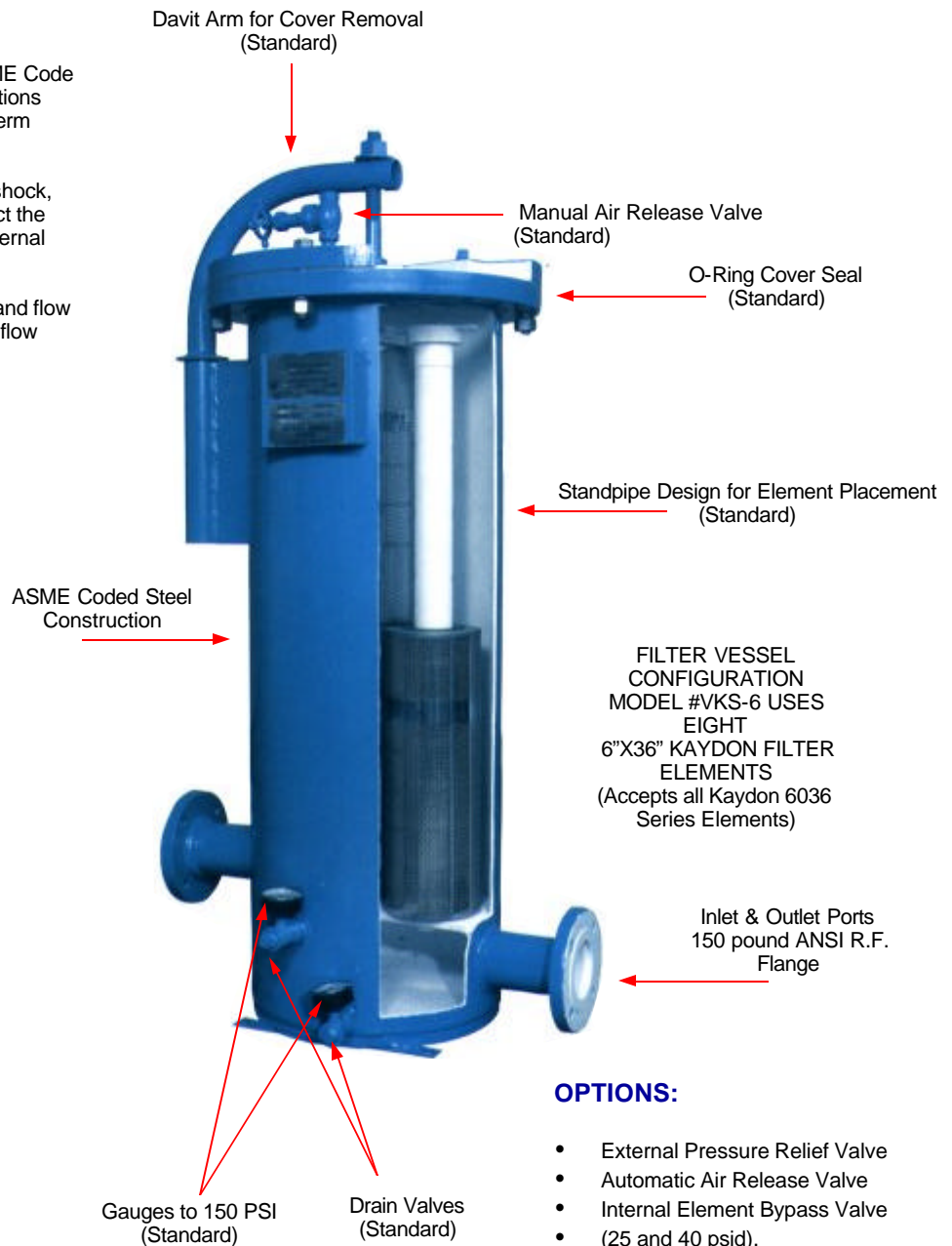
Designed for 150 psi working pressure and flow capacities consistent with bypass or full flow applications up to 800 gpm.

APPLICATIONS

- Hydraulic Oil
- Lubricating Oil
- Insulating Oil
- Diesel Fuel
- Gear Oil
- Coolant Fluids
- Cutting Oil
- Synthetic Oil
- Process Systems

EXCLUSIVE KAYDON LIQUID FILTER ELEMENTS

- Wide Micron Range Selectivity = 2.8 Micron to 43 Micron Absolute per ANSI B93.31—1973.
- Large dirt holding capacity to two pounds A.C.F.T.D. per ANSI B93.31—1973.
- Element Interchangeability. All Kaydon 6036 elements are interchangeable.
- Compatible with all petroleum oils, water-glycols, Water-Oil emulsions, and most synthetic hydraulic, lube and coolant fluids.
- Construction for fluids to 4000 SSU and differential pressures to 100 PSI.



OPTIONS:

- External Pressure Relief Valve
- Automatic Air Release Valve
- Internal Element Bypass Valve
- (25 and 40 psid).

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.



Turning Ideas Into Engineered Solutions

KAYDON
FILTRATION GROUP

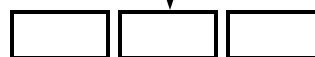
MODEL VKS-16
EIGHT 6" X 36" KAYDON ELEMENTS
INDUSTRIAL FLUID FILTER ASSEMBLY
FOR PRESSURES TO 150 PSI
AT FLOWS TO 800 GPM
Page 2

NOTE:

- Design pressure: 150 PSIG @ 250°F.
- Hydrostatic Test Pressure - 225 PSI.
- Interior Finish: Rust Preventative. Exterior Finish: Kaydon Blue.
- Unit shipped with all open thread connections protected with plastic thread protectors.
- All dimensions are approximate.
- Vessel is designed constructed and labeled in accordance with paragraph UW-12[C] of the latest ASME Code, Section VIII.
- Dry Weight: 1,125# - Volume Approx: 95 Gallons
- Unit shipped without elements.
- All Kaydon 6036 elements fit this housing. Cellulose element D197, Fullers Earth Block Element D218 and Disc Pak Elements A418/A418HF (with special adaptor) also fit this housing.

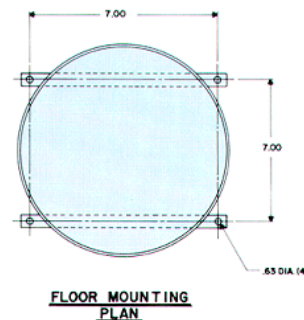
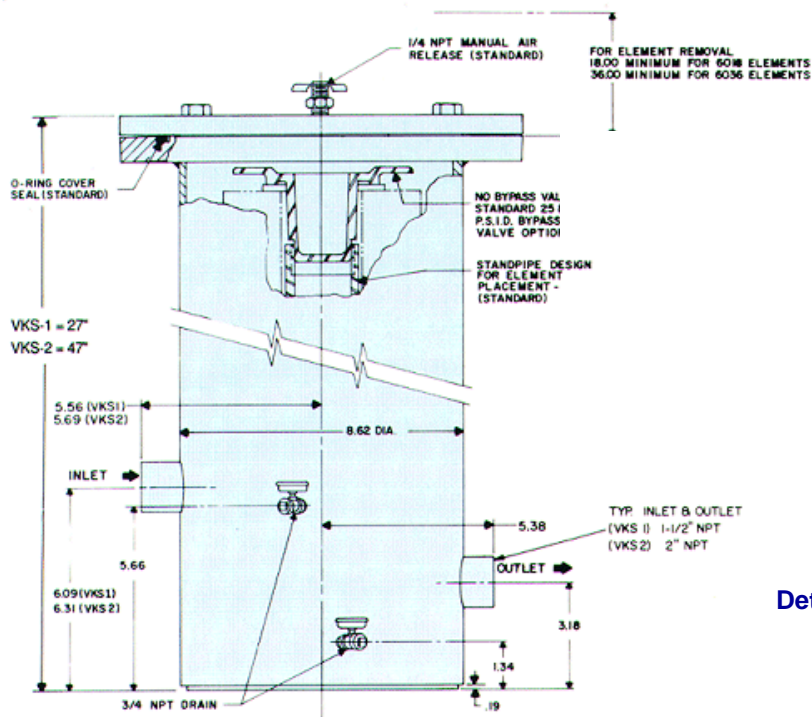
External Valve
N = Manual air release only.
A = Automatic Air Release Valve.
R = Pressure Relief Valve.
AR = Automatic Air Release and Pressure Relief Valve

MODEL VKS -



Model Size		
Symbol	# of Elements	
	18"	36"
6	6	3
10	10	5
16	16	8

Internal Bypass
N = No bypass standard
25 = 25 PSID Bypass
40 = 40 PSID Bypass



**Contact Kaydon for
Detailed Dimension Information!**

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



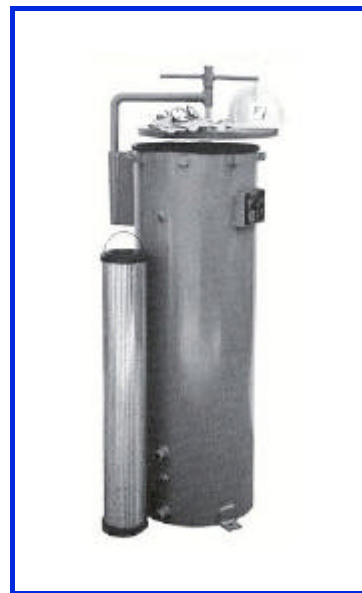
Certificate #002232

MADE IN U.S.A.

FV-183 and FV-186 Filter Vessels

Standard Features

- Carbon Steel Construction.
- 150 PSI Working Pressure.
- Buna-N Lid Gasket.
- Urethane Exterior Finish.
- Oil Coated Interior.
- ASME Code Design.
- Hex Head Cap Screw Lid Closures Standard.
(Optional Swing Bolts Available)
- Threaded Base Elements Standard.
(Micron Rated Pleated Paper, Water Absorbing, Activated Clay and Carbon)
- 200°F Design Temperature.



The FV-186 Filter Vessel removes water and dirt from all oils and fuels. The Vessel uses Filterdyne's® Exclusive Leak Proof Threaded Base Elements.

Applications

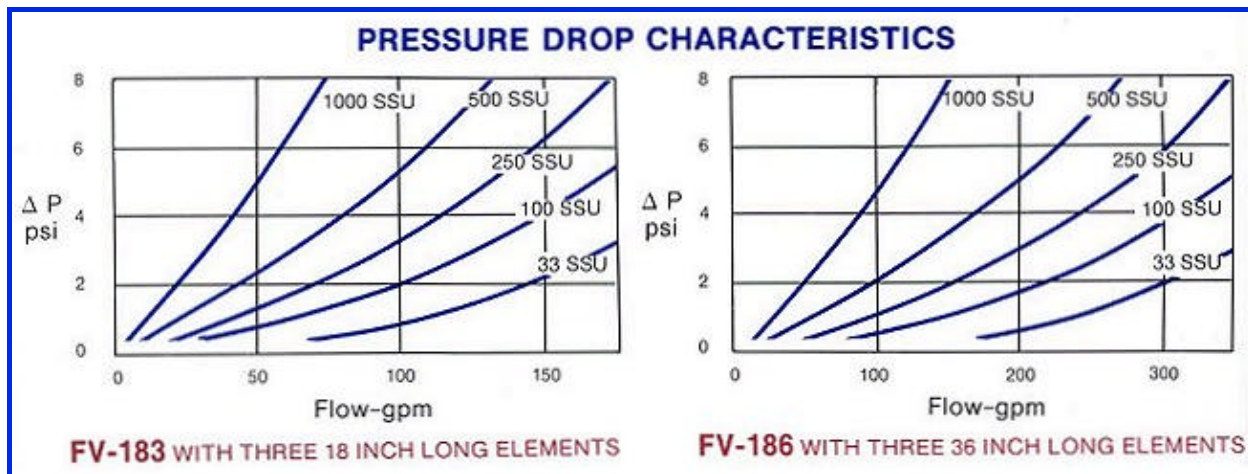
Filterdyne® Filter Vessels are equipped with our high efficiency threaded base filter elements. Filterdyne® Filter Vessels remove water and dirt from:

Lube Oils
Gear Oil
Coolants

Cutting Oils
Cooling Water
Solvents

Gasoline
Hydraulic Oil
Kerosene

Quench Oil
Insulating Oil
Diesel Fuel



FILTERDYNE®
THE 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.

Complete Part Number Description

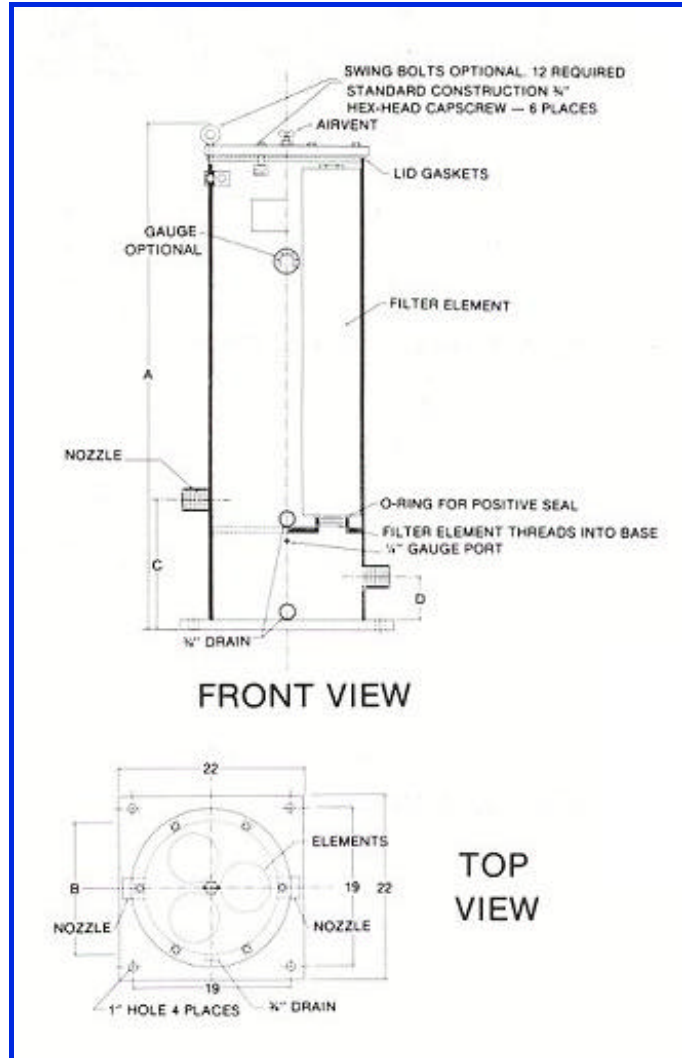
FV-183TB-265 - Filter Vessel with three 18 inch long threaded base elements.

FV-186TB-201 - Filter Vessel with three 36 inch long threaded base elements.

FV-186TB-201 HAS TWICE THE FLOW RATE AND IS TWICE THE SIZE OF FV-183TB-265.



Filterdyne's® elements thread into the vessel and form a positive seal with no leaks. This design insures high performance, ease of element installation and removal. Wing nuts, bolts, rods, plates, etc. are not required.



Specifications (See Drawings)		
Inlet/Outlet Nozzle	2" FNPT SCH 40	3" FNPT SCH 40
Dimension A	28"	52"
Dimension B	16"	16"
Dimension C	5½"	10"
Dimension D	2½"	5"
Weight	175 lbs.	297 lbs.
# of Elements	Three 18" Long	Three 36" Long

Several other element designs and configurations are available.

See your representative for more information.

Accessories

127-55 Bronze Gauge 0-160 PSI CBM
 127-5 Bronze Delta P Gauge 0-30 PSI CBM
 127-38 Pop-Up Delta P Gauge 0-15 PSI CBM
 126-23 Relief Valve

Recommended Spare Parts

122-6 Lid Gasket, Buna-N
 122-217 Lid Gasket, Viton
 1 Set of Replacement Elements