CLAY FILTERS

*The **INFILTEK** VC Series Clay Filters are designed for pre-filtration of Aviation Turbine Fuels, filtration of Lube Oils, Transformator Oils, Hydraulic Oils.*

*Elements are available from **INFILTEK** in two models; the standard bag type element without rigid center tube and the canister type element with rigid center tube and end caps with flat Buna-N gasket. Maximum differential pressure 100PSIG.*

Elements Available:
CO-718CC, CO-718B

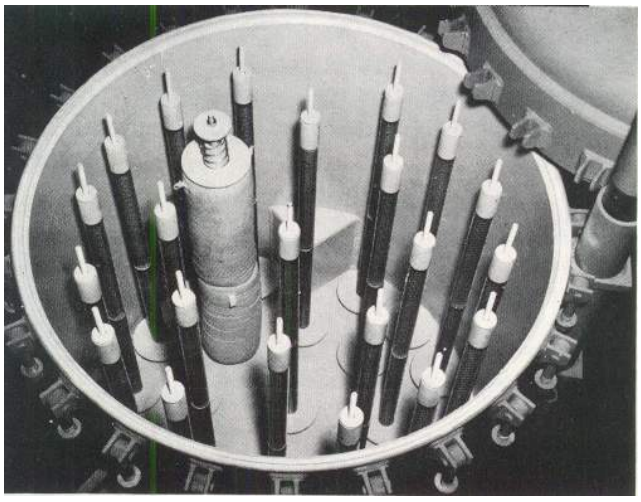
Complete *systems are available* up to 1600 *GPM kerosene capacity.*

STANDARD DESIGN FEATURES:

- *ASME Code construction*
- *Inlet flow ducted to top of vessels*
- *O-ring cover seal*
- *Swing bolted closure*
- *Hydraulic Jack cover-lift*
- *2" drain lines for sump and lower head*
- *Epoxy coating*
- *Flow distributor pipe*

OPTIONAL FEATURES:

- *Air eliminator and pressure relief valve*
- *Welded work platform bolted to vessel*
- *ASME Code vessel stamp*
- *Pressure gauge (4")*
- *Rate of flow controls*



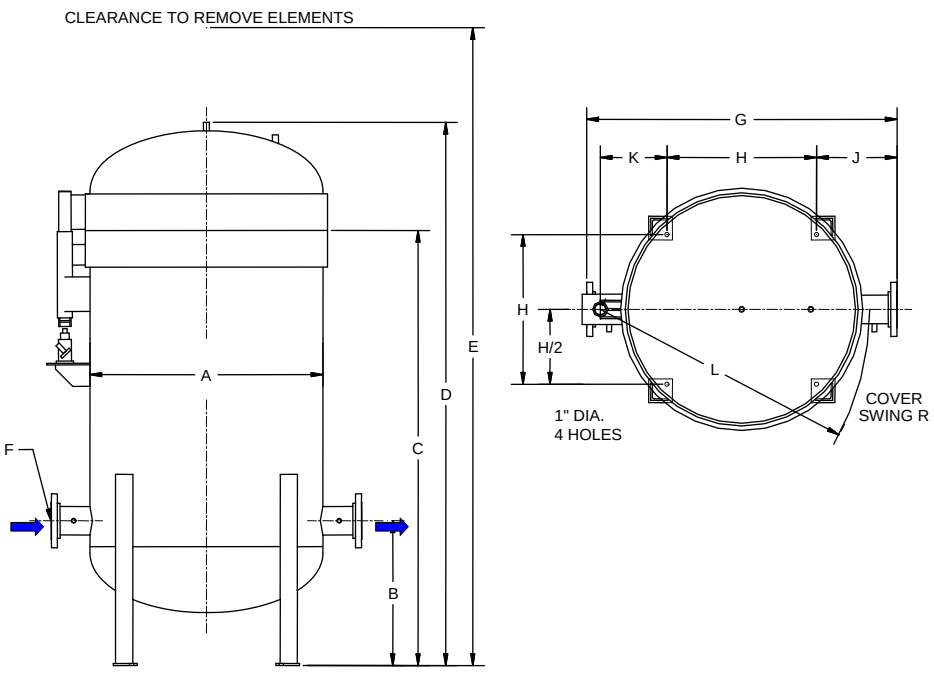
SERVICING

*The **INFILTEK** VC Series Filters require no special tools. Simply drain the filter, remove cover, remove used cartridges, and replace cartridges and cover.*

NOTES: SPECIFICATION AND SIZES CAN CHANGE WITHOUT PRIOR NOTICE; FOR REFERENCE ONLY; NOT TO BE USED FOR PRE-PIPING WORK; NOT TO SCALE
ACCURATE DIMENSIONS AND DETAILS WILL BE ISSUED WITH ENGINEERING DRAWING

INFILTEK 385 Watline Avenue, Mississauga, Ontario, L4Z 1P3, Phone (905) 568-1817 Fax (905) 568-1814

CLAY FILTERS



CLAY VESSELS

MODEL NO. VESSEL	FLOW G.P.M.			ELEMENT NO.	A	B	C	D	E	F	G	H	J	K	L	WEIGHT W/SKID (LBS.)	VOL (GAL.)
	DIESEL	KEROSENE	GASOLINE														
VC-3636C	140	230	300	CO-718-CC(36)	36 3/4	8	68	84	86	6	42	23	10 1/2	11 7/8	44	2587	285
VC-3654C	200	340	440	CO-718-CC(54)	36 3/4	8	82	97 3/4	100	6	42	23	10 1/2	11 7/8	44	3057	345
VC-3654B	200	340	440	CO-718-B (54)	36 3/4	8	84 3/4	101	150	6	42	23	10 1/2	11 7/8	44	3140	365
VC-4254C	280	465	600	CO-718-CC(72)	43	26	73	92	91	6	54	28	13	12 1/2	50 1/2	4126	540
VC-4836C	240	400	520	CO-718-CC(62)	48 3/4	29 1/2	64 5/8	84 1/2	82 1/2	6	60	32	14	13 3/8	56 1/4	4414	530
VC-4854C	360	600	780	CO-718-CC(93)	48 3/4	29 1/2	82 5/8	102 1/4	100 1/2	6	60	32	14	13 3/8	56 1/4	5340	670
VC-4854B	360	600	780	CO-718-B (93)	48 3/4	29 1/2	82 5/8	102 1/4	147 1/2	6	60	32	14	13 3/8	56 1/4	5573	670
VC-5454C	480	800	1040	CO-718-CC(120)	54 3/4	32 3/8	83 7/8	105 1/2	102	6	66 3/4	36 1/2	15 1/8	14 1/8	62 1/4	6510	985
VC-6654C	700	1200	1500	CO-718-CC(180)	66 3/4	34 1/2	86 3/4	111 1/2	108	8	80 3/4	46	17 3/8	15 3/4	70 1/4	8960	1376
VC-7254C	940	1600	2000	CO-718-CC(240)	73	38	91 1/4	118	110	10	87	52	17 1/2	16 1/2	78	10200	1920

Filters equipped with Clay Bag Elements the Model No. is followed by letter as VC-3636-B
Filters equipped with Clay Canister Elements the Model No. is followed by letter as VC-3636-C
For Transformer Oil, Lubricating and Industrial Oil

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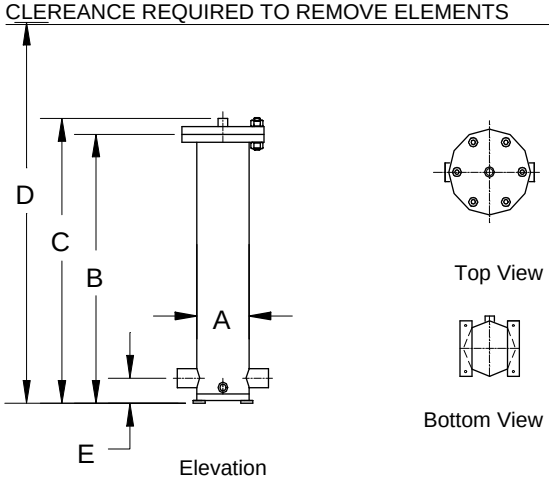
CLEREANCE REQUIRED TO REMOVE ELEMENTS



VC - LOW FLOW SERIES

MODEL NO. VESSEL	FLOW G.P.M.			ELEMENT NO.	A	B	C	D	E	F
	DIESEL	KEROSENE	GASOLINE							
VC-818	4	6	8	CO-718-CC(1)	8 ¾	24	26	41	3	1" NPT
VC-836	8	12	16	CO-718-CC(2)	8 ¾	42 ½	45	60	4	1 ½" NPT
VC-854	12	18	24	CO-718-CC(3)	8 ¾	60 ½	63	78	4	2" NPT

Other capacities are available. Due to the broad range of applications and performance requirements it is recommended all applications be submitted to factory engineering department for application engineering.
Standard models are from carbon steel epoxy lined inside.
Special models from stainless steel and aluminum construction.

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CLAY FILTERS

CANISTERS & BAGS

APPLICATIONS

Clay canisters and bags are most often specified for surfactant removal from jet fuels, kerosene, gasoline and diesel fuels. They are also used in industrial lubricating, hydraulic and insulating oils.
Clay bags or canisters are especially important in the removal of surfactants from fuels. Surfactants or surface acting agents and fuel additives are often injected at various points of fuel distribution. These surfactants and additives must be removed before the fuel flow through the filter/separator or they will disarm the coalescer element.

PRODUCTS

The CC canisters and CB bags are constructed with the finest Georgia Attapalagus clay and use maximum media surface area to offer outstanding clay media filtration. This construction offers maximum water resistance and absorption capabilities.

HOW THEY WORK

Attapalagus clay exhibits high surfactant absorption while resisting water saturation. This combination provides maximum protection for down stream coalescer elements, which are so important in jet fuel and other fuel filtration.

FEATURES

- *Interior and exterior media migration barriers.*
- *Canisters or Lexel bags*
- *No internal metal parts to corrode or pose a safety hazard.*
- *Buna-N gaskets.*
- *Maximum differential pressure 100 PSID.*

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