FIL-TREK CORPORATION
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VC SERIES

Carbon Canister Housing

- Multi-Round
- Vertical ASME Design
- Built for Carbon Canisters

Economic multi-purpose ASME code ("U") and non-code design carbon canister housings.

SUITABLE USES

Air & Gas | Oil & Gas | Coolant | Chemical

MEDIA	Accepts multiple CC series oil filters.
DESIGN PRESSURE	150 psig (10.3bar) @ 500°F (260°C).
AVAILABLE MATERIALS	Carbon or Stainless Steel 304 or 316
ADDITIONAL FEATURES	▪ Swing bolt closure allows for quick element change out. ▪ Optional jib crane available for mounting on the vessel to assist with safe and efficient canister removal. ▪ Used for Amine, Glycol, Lube Oil and Waste Water Purification.

Custom sizes, configurations, materials of construction and other options may be available. Please contact Fil-Trek.

For drawings, flow charts, custom applications and filter cartridge information please visit www.fil-trek.com.

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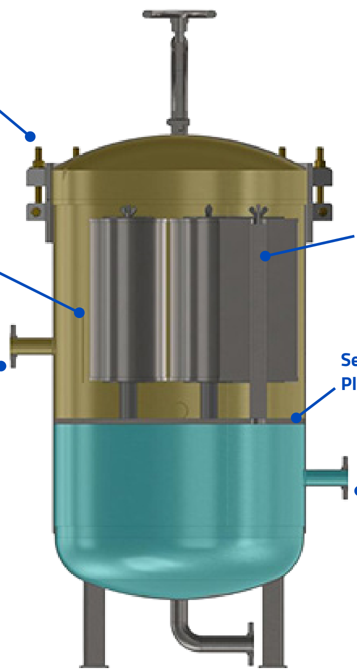
HOUSING SPECIFICATIONS

Inlet/Outlet	2" Flange
Dirty Drain	2" NPT
Clean Drain	2" NPT
Vent	1" NPT
Gauges	1" NPT
Certifications	U, CE, NB, CRN



MODEL FLOW RATES

MODEL	FLOW RATE (GPM)	STACKS	NUMBER OF FILTERS	MAN INLET/ OUTLET SIZE
VC12-1-22-2F	1.5	Single	1	2
VC24-2-22-2F	3	Single	2	2
VC28-4-22-2F	6	Single	4	2
VC34-5-22-2F	7	Single	5	2
VC36-7-22-2F	10	Single	7	2
VC42-8-22-2F	11	Single	8	2
VC48-11-22-2F	15	Single	11	2
VC54-15-22-2F	20	Single	15	2
VC60-19-22-2F	25	Single	19	2
VC66-23-22-2F	31	Single	23	2
VC24-2-44-2F	6	Double	4	2
VC28-4-44-2F	12	Double	8	2
VC34-5-44-2F	14	Double	10	2
VC36-7-44-2F	20	Double	14	2
VC42-8-44-2F	22	Double	16	2
VC48-11-44-2F	30	Double	22	2
VC54-15-44-2F	40	Double	30	2
VC60-19-44-2F	51	Double	38	2
VC66-23-44-2F	62	Double	46	2

Flow rates is recommended at 1.5gpm/22". Actual Flow rate is dependent on fluid viscosity, cartridge micron rating, contaminant and type of media.

MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE (@ 250°F)	MAX. DESIGN TEMP
Carbon Steel	150 psi (10.3bar)	500°F (260°C)
Carbon Steel	300psi (20.7bar)	500°F (260°C)
304 Stainless Steel	150 psi (10.3bar)	300°F (150°C)
304 Stainless Steel	300psi (20.7bar)	300°F (150°C)
316 Stainless Steel	150 psi (10.3bar)	400°F (204°C)

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HOUSING OPTIONS

*Indicates standard configuration

Configuration Options	**(-) A – Side in/side out*** D – Side in/Side out, Same Side
Headlift Options	**Mechanical Davit** Hydraulic Jack
O-Ring Options	**(-) Buna-N*** ED – EPDM VI – Viton SI – Silicone TF – Teflon TEV – Teflon encapsulated Viton
Accessories	DP Gauge Safety Relief Valves Vent Valves Drain Valves Air Eliminator External Element Removal Jib
Other Options	Stainless Steel bolting Passivation Electropolished, Inside/Out Skid Mounting Duplexing Epoxy Coated Internals Flanged Nozzles Inspection Port Removable Center Post Element Stacking Post Weld Heat Treatment Corrosion Allowance X-Ray

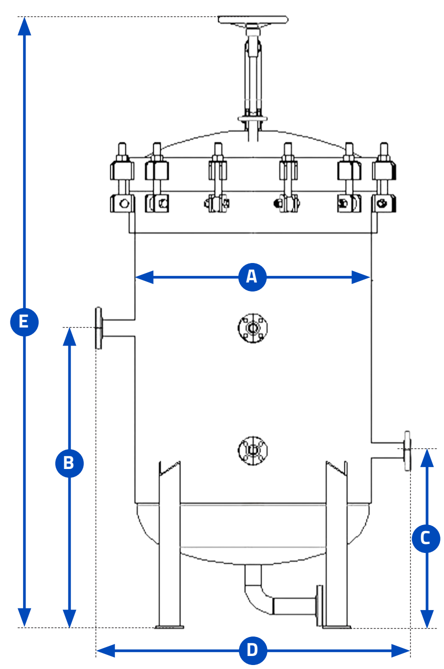
MODEL DIMENSIONAL DETAILS

MODEL	FLOW RATE	SHIPPING WGT (LBS)	A	B	C	D	E
VC12-1-22-2F	1.5	425	20	33	22	30	84
VC24-2-22-2F	3	510	24	35	22	35	86
VC28-4-22-2F	6	550	28	36	22	40	88
VC34-5-22-2F	7	730	34	44	24	46	90
VC36-7-22-2F	10	830	36	46	28	48	92
VC42-8-22-2F	11	960	42	54	35	58	94
VC48-11-22-2F	15	1160	48	54	35	58	96
VC54-15-22-2F	20	1318	54	57	36	75	98
VC60-19-22-2F	25	7660	60	60	38	38	100
VC66-23-22-2F	31	8650	66	66	40	44	102
VC24-2-44-2F	6	680	24	35	22	35	108
VC28-4-44-2F	12	1019	28	36	22	40	110
VC34-5-44-2F	14	1380	34	44	24	46	112
VC36-7-44-2F	20	1575	36	46	28	48	114
VC42-8-44-2F	22	1820	42	54	35	58	116
VC48-11-44-2F	30	2300	48	54	35	58	118
VC54-15-44-2F	40	2700	54	57	36	75	120
VC60-19-44-2F	51	8900	60	60	38	38	122
VC66-23-44-2F	62	10100	66	66	40	44	124

Above dimensions are approximate and for Style A. For other options contact factory.

CHART LEGEND

A	OUTSIDE DIAMETER
B	FLOOR TO INLET
C	FLOOR TO OUTLET
D	FACE TO FACE
E	OVERALL HEIGHT



COMPATIBLE FILTERS

CC SERIES FILTERS

CC Series carbon filters use high-grade granular activated carbon for efficient removal of liquid impurities, offering reliable performance in high-temperature, industrial applications.

Click to view CC Series

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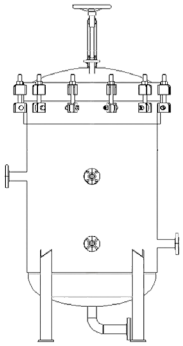
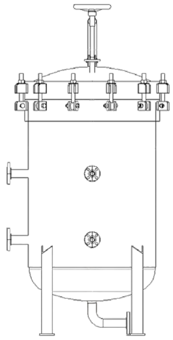
MODEL CONFIGURATIONS

Style A: Side in/side out

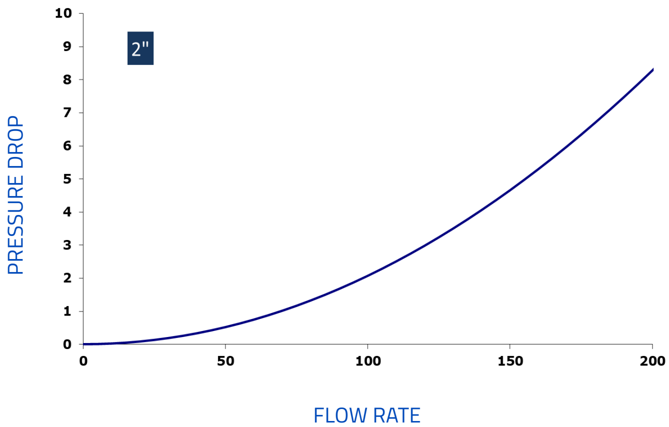


Style D: Same side in/out



FLOW CHARTS

HOUSING PRESSURE DROP VS LIQUID FLOW RATE



AVAILABLE OPTIONS

Housing with Element Removal Jib crane

PRODUCT NOMENCLATURE

S6	VC	12	1	22	2F	D	150	-
MATERIAL	**MODEL**	**HOUSING DIAMETER**	**# OF CARTRIDGES**	**CARTRIDGE LENGTH**	**INLET/ OUTLET**	**MODEL CONFIGURATION**	**DESIGN PRESSURE**	**OPTIONS**
(-) – CS **S4** – SS304 **S6** – SS316	**VC** – ASME Code	See Table	See Table	**22** – 22" **44** – 44"	**2F** – 2" Flange	**(-)** – Style A **D** – Style D	**150**	See "Housing Options"