

Section 3:

CARTIDGE HOUSING & FILTERS



Cartridge Housings and Elements

Overview



Schroeder has depth filtration cartridges for fine filtration and the housings to fit. Standard cartridges are available in 10, 20, 30 and 40 inch lengths. These meltblown filters come in either a 2.5" or 4.5" diameter. Depth filter cartridges have larger openings towards the outside of the element and smaller openings near the center. This allows for higher dirt holding capacity to lengthen the life of the element.

Most common are the elements with a double open end (DOE). Cartridges with either a 222 o-ring seal or a FIN style are also available. The range of filtration on these elements is from 1 micron up to 100 microns. All of our elements are made from 100% pure polypropylene fibers to ensure high quality. Elements with center tubes for support are also available.

The housings for these elements are available with either a 100% polypropylene head and bowl or in electro-polished stainless steel.

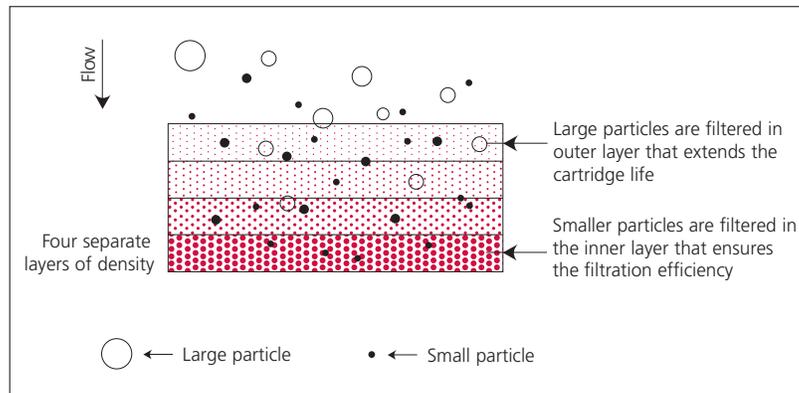
The polypropylene housings accept either the 10" or 20" elements for both 2.5" and 4.5" diameter. The threaded head and bowl allow for quick and easy changing of the elements. Various sizes of NPT ports make installation quick and easy and allow flows up to 40 gpm depending upon the housing size. Because the housings are 100% polypropylene, they are tough and durable. The 2.5" housings are rated up to 125 psi (8.6 bar) at 140°F (60°C) while the 4.5" housings are rated for 100 psi (7.0 bar) at 140°F (60°C).

Stainless steel housings are used for higher flow rates and pressure up to 150 psi (10.0 bar) at 167°F (75°C). These larger housings hold seven elements in a circular array in all four standard lengths. The quick release clamp on the lid allows for easy changing of the elements while providing a tight seal. Each one comes standard with a gauge port in the lid. DOE and 222 style cartridges are accepted by these housings.

Both types of housing are durable, built to last in harsh conditions and have low clean pressure drops.

Features

- 100% polypropylene construction
- Max operating temperature 167°F (75°C)
- Max pressure drop 46 psi (3.2 bar) @ 68°F (20°C)
- Recommended cartridge replacement at 22 psi (1.5 bar)
- Special lengths and micron ratings available upon request
- 222 o-ring seal, FIN style end caps and center support tubes available upon request



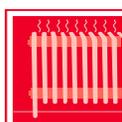
Industries Served



CHEMICAL
PROCESSING



INDUSTRIAL



THERMAL
TRANSFER



POWER
GENERATION



PULP & PAPER



STEEL
MAKING



WASTE WATER
TREATMENT

SW Series Precision Wound Filter Cartridges

SW

Benefits:

- Wide range of materials to ensure process compatibility
- Variety of sizes and configurations to ensure proper sizing, fit and sealing
- High sediment-holding-capacity for longer time between filter cartridges changes
- Continuous lengths up to 72" (183 cm)
- Technical Support
- Prompt deliveries

Applications:

- Potable water
- Process water
- Pre-filtration for membrane/reverse osmosis (RO) systems
- Food and beverage
- Chemicals, acids, bases
- Oils, fuels and solvents
- Plating solutions, electronics, circuit board
- Produced water and waste water; fracking

SW

DCE/ACE

PP

CH1

CH3 - CH7

CH3 -CH12

CH13-CH173

RMF

Media: Polypropylene
Cotton
Acrylic
Rayon
Nylon
Polyester
Fiberglass

Cartridge ID: 1.09" (2.8 cm) nominal std.
1.22" (3.1 cm) and 1.5" (3.8 cm) optional

Cartridge OD: 2" (5 cm) to 4½" (11.4 cm)

Length: 3" (7.6 cm) to 72" (183 cm)
special lengths available

Efficiency: 90% nominal; 80% below 3 micron

Maximum Differential Pressure: 60 PSID (2 bar)

Recommended Max Change-Out Differential Pressure 30 PSID (2)

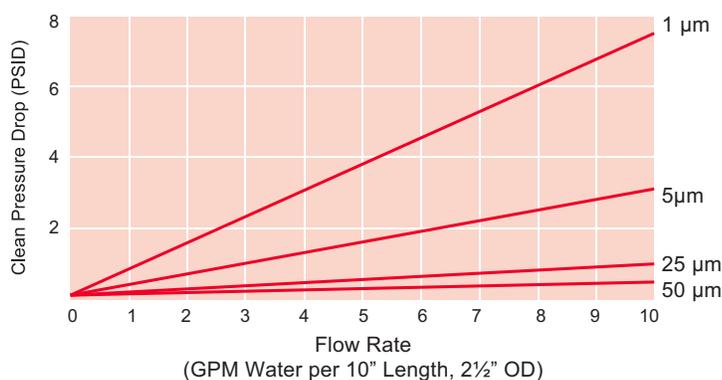
Note: Please contact factory for data on other media and fluids

Max Temperature

Media	Polypro Core	Polyester Core	Tin Core	SST Core
Polypropylene	180° F	180° F	180° F	180° F
Cotton	180° F	250° F	250° F	250° F
Acrylic	180° F	250° F	250° F	250° F
Rayon	180° F	275° F	275° F	275° F
Nylon	180° F	275° F	275° F	275° F
Polyester	180° F	300° F	300° F	300° F
Fiberglass	180° F	300° F	400° F	750° F

Pressure Drop vs. Flow Rate

(Polypropylene, Polyester and Nylon Media)



SW Series Precision Wound Filter Cartridges

**Filter
Model
Number
Selection**

How to Build a Valid Model Number for Cartridge Housings and Elements:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
SW						

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	
SW	3	10	30	6	D	EC	= SW310306DEC

BOX 1	BOX 2	BOX 3	BOX 4
Cartridge Type	Micron Rating	Filter Media	Length (in.)
SW = Precision Wound Filter Cartridge	0.5 1 3 5 10 15 20 25 30 50 75 100 125 150 200	01 = FDA Polypropylene 02 = Fibrillated Polypropylene 03 = Industrial Polypropylene 04 = Natural Cotton + Polyester 05 = White Cotton 06 = FDA Bleached Cotton 09 = Rayon 10 = Teflon 11 = Nylon 13 = Polyester 14 = Acrylic 15 = Glass Fiber 18 = Polyphenylene Sulfide PPS 20 = Antimicrobial Polypropylene Heat resistant 21 = meta-aramid Conex® (trademark of Teijin) 33 = EcoWound™ filter*	3.75 4 4.75 5 6 9.75 10 12 12.5 19.5 20 24.5 30 36 40 50 72

BOX 5	BOX 6	BOX 7
Core Type	Outside Diameter	Options
1 = 1" id Polypropylene 2 = 1" id Glass Filled Polypropylene 3 = 1" id Tinned Steel 4 = 1" id 304 SST 6 = 1" id 316 SST 7 = 1" id Nylon 8 = 1.22" id Polypropylene 9 = 1.5" id Polypropylene 10 = 1" id Teflon 11 = 1.5" id 304 SST 12 = 1.75" id Polypropylene 13 = 1.5" id Tin Steel	A = 2 B = 2 1/4" C = 2 3/8" D = 2 1/2" E = 2 5/8" G = 3" H = 4" I = 4 1/4" J = 4 1/2"	N = Polyester Core Cover NF = Acrylic Resin Bonded Glass Nonwoven Core Cover NN = Nylon Core Cover Y = Polypropylene Core Cover 2SP = 222 w/ plug 2SD = 222 w/ disc 6SP = 226 w/ plug 6SD = 226 w/ disc 6SF = 226 w/ fin E = Extended Core EC = End Caps PVC ECP = End Caps Polypro P = Plug In One Hand SPR = Polypro Spring

Cartridge Housings and Elements

DCE/ACE

DCE/ACE

DCE/ACE

PP

CH1

CH3 - CH7

CH3 -CH12

CH13-CH173

RMF

Media:	Polypropylene
Material:	100% Meltblown Micro PP Fiber
Absolute Micron Ratings:	1µm, 3µm, 5µm, 10µm, 20µm, 25µm, 30µm, 50µm, 75µm, 100µm, 150µm
Inside Diameter:	1.1 inch (28 mm)
Outside Diameter:	2.5 inch (63 mm)
Maximum Differential Pressure and Temperature:	58 psi at 68 °F (4 bar at 20 °C) 29 psi at 140 °F (2 bar at 60 °C) 14 psi at 176 °F (1 bar at 80 °C)
Element Change Out:	29 psid (2.1 bar diff)
Maximum Operating Temperature:	160 °F (70 °C)
Efficiency:	99.98%

How to Build a Valid Model Number for Cartridge Housings and Elements:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
ACE						

Example: NOTE: One option per box

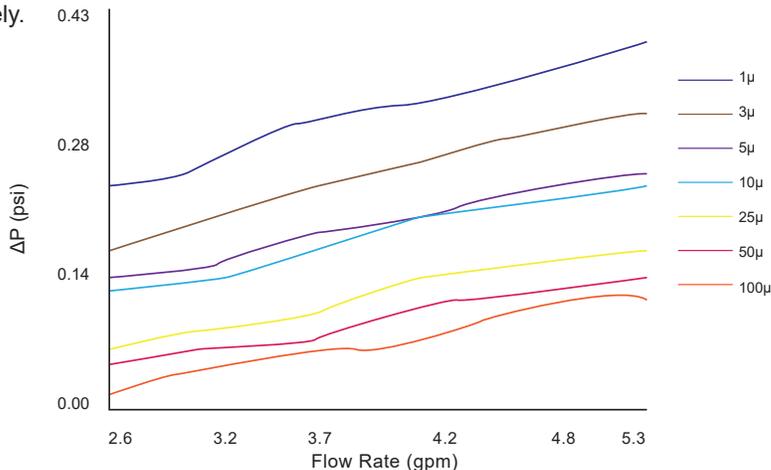
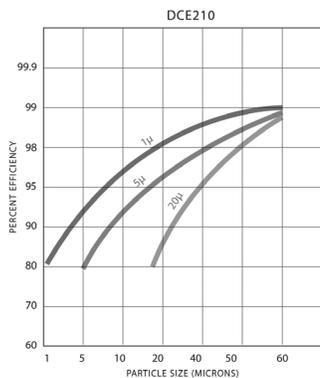
BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
ACE	3	10	25		2SD	NA

= ACE310252SDNA

Filter Model Number Selection

BOX 1	BOX 2	BOX 3	BOX 4
Element DCE = Polypropylene Coreless ACE = Polypropylene with core Polypropylene	Micron Rating S2 = 0.2 µm S45 = 0.45 µm 1 = 1 µm 2 = 2 µm 5 = 5 µm 10 = 10 µm 20 = 20 µm 40 = 40 µm	Length (in.) 10 = 10.0" 20 = 20.0" 30 = 30.0" 40 = 40.0"	End Cap Code B = DOE w/ Gasket and Caps C = 222 w/ Spear D = 222 w/ Closed Flat Cap E = 222 w/ Spring F = 226 w/ Closed Flat Cap G = 226 w/ Spear H = 226 w/ Spring J = Polypropylene Extender L = Spring N = SOE Recessed Cap, internal 213 O-Ring Omit = DOE for knife edge seal 2SD = SOE, 222 O-ring seal, w/ flat top* 2SF = SOE, 222 O-ring, w/ fin* 2SPR = SOE, 222 O-ring seal, w/ spring top* 6SD = SOE, 226 O-ring seal, w/ flat top*
BOX 5 O-Rings Omit = None B = Buna N E = EPDM (EPR) S = Silicone V = FKM Fluorolastomer	BOX 7 Certification Omit = None NA = NSF/ANSI 61 w/ core only		

Filter and Media are sold separately.



Filter Data

High Purity/Absolute Pleated Cartridges

35 psi
2.4 bar

Our Pleated Polypropylene Cartridges are designed to hold 6.5 square feet of filtration media, making these a great value. These cartridges are constructed with 100% polypropylene materials and are assembled using the latest thermal bonding equipment. Efficiency Rating is 99.98% (β5000).



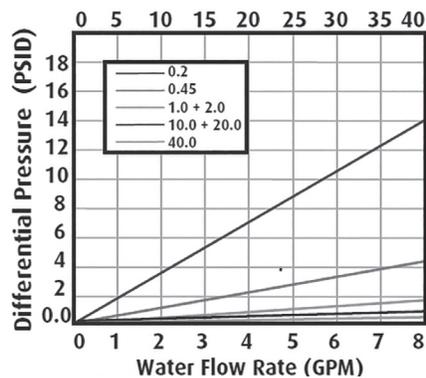
Typical Applications:

- Optimal for DEF Solutions
- Food and Beverage
- Photographic
- Deionized Water
- Reverse Osmosis Membrane
- Prefiltration
- Process Water
- Fine Chemicals
- Wastewater

Specifications

Media:	Polypropylene
Material:	100% Meltblown Micro PP Fiber
End Caps:	Polypropylene
Center Core:	Polypropylene
Outer Support Cage:	Polypropylene
O-Rings/Gaskets:	Buna, Viton®, EPDM
Length:	10 to 40 in. (25.4 to 101.6 cm) nominal
Outside Diameter:	2.70 in. (7.0 cm) nominal
Element Change Out:	35 psi (2.4 bar)
Maximum Operating Temperature:	180°F (82°C)
Efficiency:	99.98%

Pressure Drop Information Based on Flow Rate and Viscosity



High Purity Pleated Polypropylene Cartridges

PP

How to Build a Valid Model Number for a High Purity Pleated Polypropylene Cartridge:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
PP						

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	
PP	05	40	D	V	T	S	= PP0540DVTS

BOX 1	BOX 2	BOX 3	BOX 4
Element	Micron Rating	Length (in.)	End Cap Code
PP = Pleated polypropylene High Efficiency PPA = Pleated polypropylene Absolute	S2 = 0.2 µm S45 = 0.45 µm 1 = 1 µm 2 = 2 µm 5 = 5 µm 10 = 10 µm 20 = 20 µm 40 = 40 µm	10 = 10.0" 20 = 20.0" 30 = 30.0" 40 = 40.0"	B = DOE w/ Gasket and Caps C = 222 w/ Spear D = 222 w/ Closed Flat Cap E = 222 w/ Spring F = 226 w/ Closed Flat Cap G = 226 w/ Spear H = 226 w/ Spring J = Polypropylene Extender L = Spring N = SOE Recessed Cap, internal 213 O-Ring

BOX 5	BOX 6	BOX 7
End Caps	O-Rings	Options
2 = DOE Flat Gasket 3 = 222 w/ Fin 4 = 222 w/ Flat Cap 5 = 222 w/ Spring 6 = 226 w/ Fin 7 = 226 w/ Spring 8 = 226 w/ Spring 10 = DOE w/ extended cover 16 = 213 Internal	B = Buna E = EPDM S = Silicone V = Viton T = Teflon Encapsulated Viton	I = Stainless Steel E = EPDM insert S = Silicone HP - Heavy Poly Core

Filter Model Number Selection

SW

DCE/ACE

PP

CH1

CH3 - CH7

CH3 -CH12

CH13-CH173

RMF

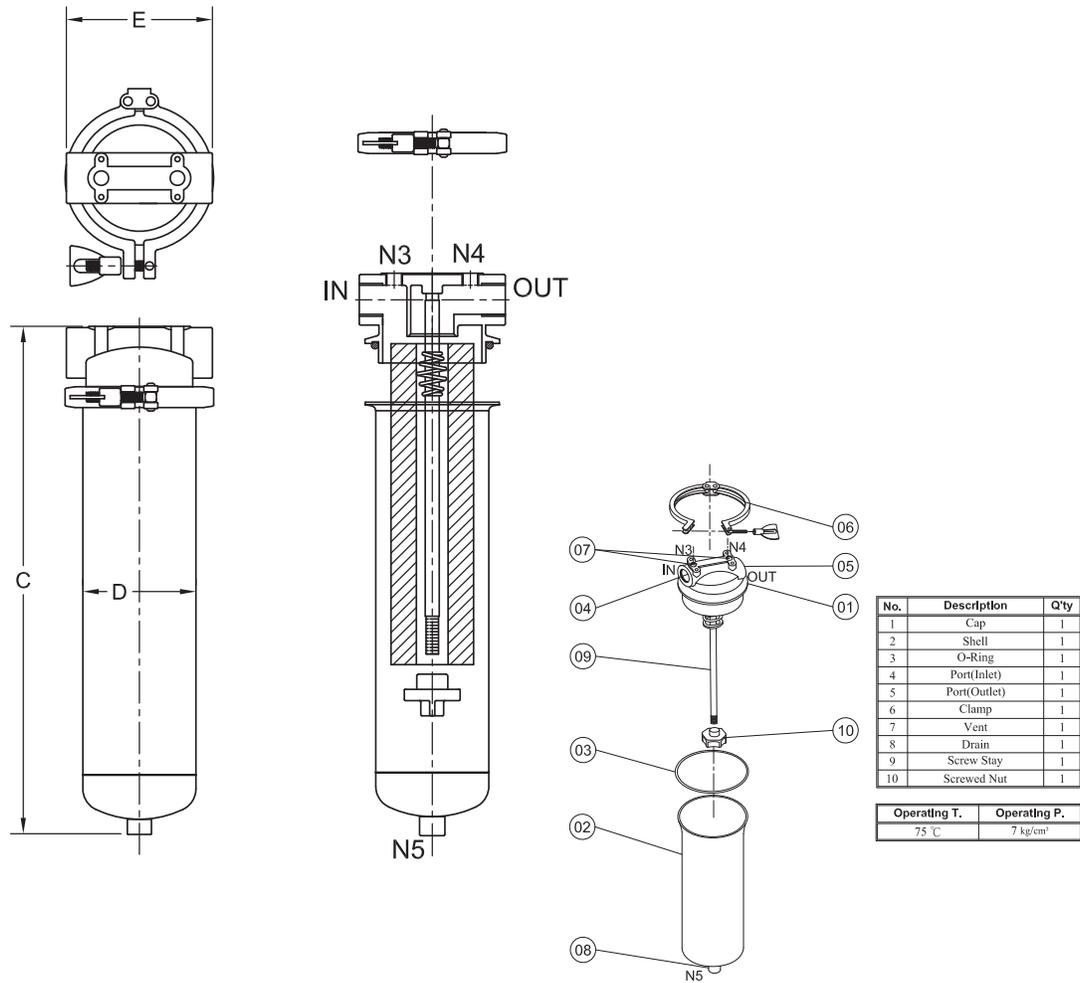
CH1

Cartridge Housings and Elements

Cartridge Housing

1-5 gpm
3.6-18.33
L/min

125 psi
9 bar



No.	Description	Q'ty
1	Cap	1
2	Shell	1
3	O-Ring	1
4	Port(Inlet)	1
5	Port(Outlet)	1
6	Clamp	1
7	Vent	1
8	Drain	1
9	Screw Stay	1
10	Screwed Nut	1

Operating T.	Operating P.
75 °C	7 kg/cm ²

NOTE:
Drawings may change without notice. Contact factory for certified drawings.

Dimensions

Model	C inch (mm)	D inch (mm)	E inch (mm)	N3/N4	N5
CH1210	15.8 (401.32)	3.5 (88.9)	4.5 (114.3)	1/4"	1/4"
CH1220	25.8 (655.32)	3.5 (88.9)	4.5 (114.3)	1/4"	1/4"
CH1230	35.8 (909.32)	3.5 (88.9)	4.5 (114.3)	1/4"	1/4"

Specifications

	CH12
Max. Flow Rate:	5-10 gpm (18.33 to 36.66 L/min)
Max. Working Pressure:	100 psi (7 bar)
Max Temperature:	167°F (75°C)
Housing Material:	Polypropylene
O-Ring Material:	Buna N
Initial Pressure Drop:	1 psi at 10 gpm
Type of Element Accepted	DOE

Cartridge Housings and Elements

CH1

How to Build a Valid Model Number for a Single Cartridge PP Housing 2.5":

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH								

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	
CH	1	2	10	PP	04	B	1	V	= CH1210PP04B1V

BOX 1	BOX 1	BOX 3	BOX 4
Filter Series	# of Cartridges	Cartridge Diameter	Cartridge Length
CH	1	2 = 2" diameter	10 = 10" 20 = 20" 30 = 30" 40 = 40"

BOX 5	BOX 6	BOX 7	BOX 8
Housing Material	Connection	O-Ring	Pressure
PP = Polypropylene head and bowl 4 = SUS304 6 = SUS316	04 = 1/2" 06 = 3/4" 10 = 1"	B = Buna N E = EPDM S = Silicone V = Viton	1 = 150 psi

BOX 9
Options
N = Flat Bottom P = PR Button in Cap V = Drain with Plug

Filter Model Number Selection

SW

DCE/ACE

PP

CH1

CH3 - CH7

CH3 -CH12

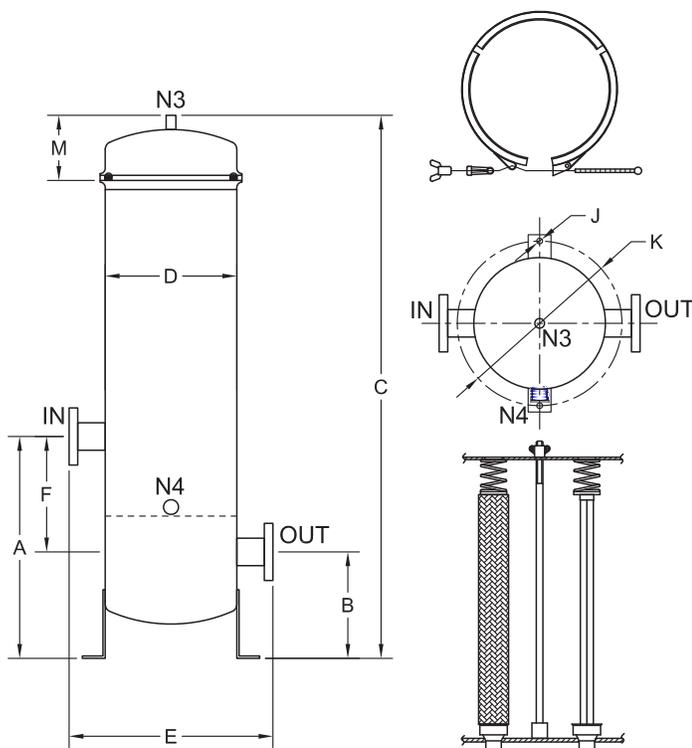
CH13-CH173

RMF

0-123 gpm
0-467 L/min

100 psi
7 bar

150 psi
10 bar



NOTE: Drawings may change without notice. Contact factory for certified drawings.

Dimensions

	Cartridge		A inch (mm)	B inch (mm)	C inch (mm)	D øinch (mm)	E inch (mm)	F inch (mm)	J øinch (mm)	K øinch (mm)	M inch (mm)	N3 inch	N4 inch
	Qty	Length											
CH3220	3	20	11.02 (280)	4.72 (120)	35.04 (890)	7.09 (180)	11.81 (300)	6.30 (160)	0.35 (9)	9.29 (236)	3.35 (85)	¼	¾
CH3230	3	30	11.02 (280)	4.72 (120)	45.08 (1145)	7.09 (180)	11.81 (300)	6.30 (160)	0.35 (9)	9.29 (236)	3.35 (85)	¼	¾
CH7220	7	20	11.02 (280)	4.72 (120)	35.04 (890)	9.13 (232)	13.86 (352)	6.30 (160)	0.35 (9)	9.29 (236)	3.35 (85)	¼	¾
CH7230	7	30	11.02 (280)	4.72 (120)	45.08 (1145)	9.13 (232)	13.86 (352)	6.30 (160)	0.35 (9)	9.29 (236)	3.35 (85)	¼	¾
CH7240	7	40	11.02 (280)	4.72 (120)	55.12 (1400)	9.13 (232)	13.86 (352)	6.30 (160)	0.35 (9)	9.29 (236)	3.35 (85)	¼	¾

Specifications

Number of Elements per Housing: 3 or 7 Elements, 2" Diameter

Max. Working Pressure: 100 psi (7 bar)

Max Temperature: 167°F (75°C)

Housing Material: Stainless Steel (304 or 316)

Type of Elements Accepted: DOE (Double Open Ended), -222 O-ring

Cartridge Housings and Elements

CH3-CH7

Model #	Flow Rate	Dry Weight
CH3220	0-26 gpm (100 l / min)	40 lbs (18kg)
CH3230	0-40 gpm (150 l / min)	44 lbs (20kg)
CH7220	0-62 gpm (233 l / min)	55 lbs (25kg)
CH7230	0-92 gpm (350 l / min)	62 lbs (28kg)
CH7240	0-123 gpm (467 l / min)	68 lbs (31kg)

Flow Rate and Weight

SW

DCE/ACE

PP

CH1

CH3-CH7

CH3-CH12

CH13-CH173

Filter Model Number Selection

RMF

How to Build a Valid Model Number for a Multi-Cartridge Housing, 100 psi:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH								

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH	4	2	10	6	15	B	0	7

= CH14210615B07

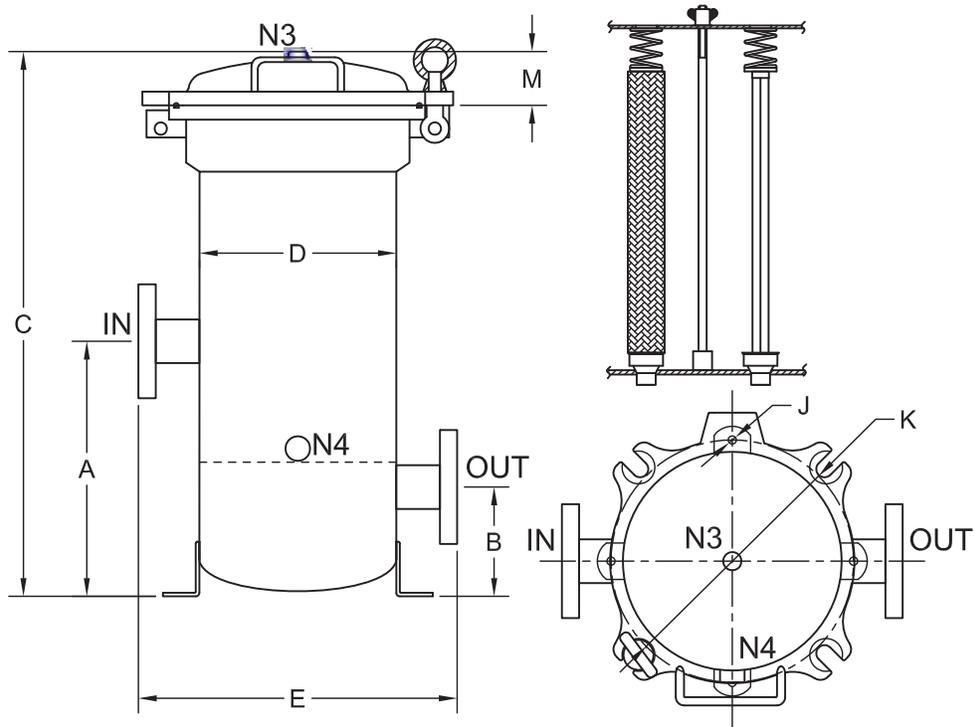
BOX 1	BOX 2	BOX 3	BOX 4
Filter Series	# of Cartridges	Cartridge Diameter	Cartridge Length
CH	3 = 3 pieces 4 = 4 pieces 12 = 12 pieces	2 = 2" diameter	05 = 5" 10 = 10" 20 = 20" 30 = 30" 40 = 40"

BOX 5	BOX 6	BOX 7	BOX 8
Housing Material	Connection	O-Ring	Pressure
4 = SUS304 6 = SUS316 7 = SUS316L	10 = 1" 15 = 1.5" 20 = 2" 25 = 2.5" 30 = 3" 40 = 4"	B = Buna N E = EPDM S = Silicone V = Viton	0 = 100 psi 1 = 150 psi

BOX 9
Options
1 = Standard Flat Gasket Double Open Ends & 2 - 222 O-ring Fin/Flat 7 = No Bayonet 2-226 O-ring Fin/Flat 9 = 2-226 O-ring Fin/Flat

NOTE: Elements must be purchased separately.

150 psi
10 bar



NOTE: Drawings may change without notice. Contact factory for certified drawings.

Dimensions

	Cartridge		A inch (mm)	B inch (mm)	C inch (mm)	D øinch (mm)	E inch (mm)	J øinch (mm)	K øinch (mm)	M inch (mm)	N3 inch	N4 inch
	Qty	Length										
CH3220	3	20	11.02 (280)	4.72 (120)	33.19 (843)	7.13 (181)	11.81 (300)	0.35 (9)	10.47 (266)	2.17 (55)	¼	¾
CH3230	3	30	11.02 (280)	4.72 (120)	43.23 (1098)	7.13 (181)	11.81 (300)	0.35 (9)	10.47 (266)	2.17 (55)	¼	¾
CH3240	3	40	11.02 (280)	4.72 (120)	53.27 (1353)	7.13 (181)	11.81 (300)	0.35 (9)	10.47 (266)	2.17 (55)	¼	¾
CH7220	7	20	11.02 (280)	4.72 (120)	33.58 (853)	9.13 (232)	14.09 (358)	0.35 (9)	11.34 (288)	2.56 (65)	¼	¾
CH7230	7	30	11.02 (280)	4.72 (120)	43.62 (1108)	9.13 (232)	14.09 (358)	0.35 (9)	11.34 (288)	2.56 (65)	¼	¾
CH7240	7	40	11.02 (280)	4.72 (120)	53.66 (1363)	9.13 (232)	14.09 (358)	0.35 (9)	11.34 (288)	2.56 (65)	¼	¾

Specifications

Number of Elements per Housing: 3 or 12 Elements, 2" Elements

Max. Working Pressure: 150 psi (10 bar)

Max Temperature: 167°F (75°C)

Housing Material: Stainless Steel (304 or 316)

Type of Elements Accepted: DOE (Double Open Ended), -222 O-ring

Cartridge Housings and Elements

CH3-CH12

Model #	Flow Rate	Volume	Dry Weight
CH3220	0-26 gpm (100 l / min)	7.13 gal (27L)	66 lbs (30kg)
CH3230	0-40 gpm (150 l / min)	9.51 gal (36L)	77 lbs (35kg)
CH3240	0-53 gpm (200 l / min)	11.88 gal (45L)	88 lbs (40kg)
CH7220	0-62 gpm (233 l / min)	8.98 gal (34L)	77 lbs (35kg)
CH7230	0-92 gpm (350 l / min)	11.88 gal (45L)	88 lbs (40kg)
CH7240	0-123 gpm (467 l / min)	14.52 gal (55L)	101 lbs (46kg)

Flow Rate SW
 Volume and Weight DCE/ACE

PP

CH1

CH3-CH12

CH3 -CH12

CH13-CH173

Filter Model Number Selection RMF

How to Build a Valid Model Number for a Multi-Cartridge Housing, 100 psi:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH								

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH	4	2	10	6	15	B	0	7

= CH14210615B07

BOX 1	BOX 2	BOX 3	BOX 4
Filter Series	# of Cartridges	Cartridge Diameter	Cartridge Length
CH	3 = 3 pieces 4 = 4 pieces — Up To — 12 = 12 pieces	2 = 2" diameter	10 = 10" 20 = 20" 30 = 30" 40 = 40"

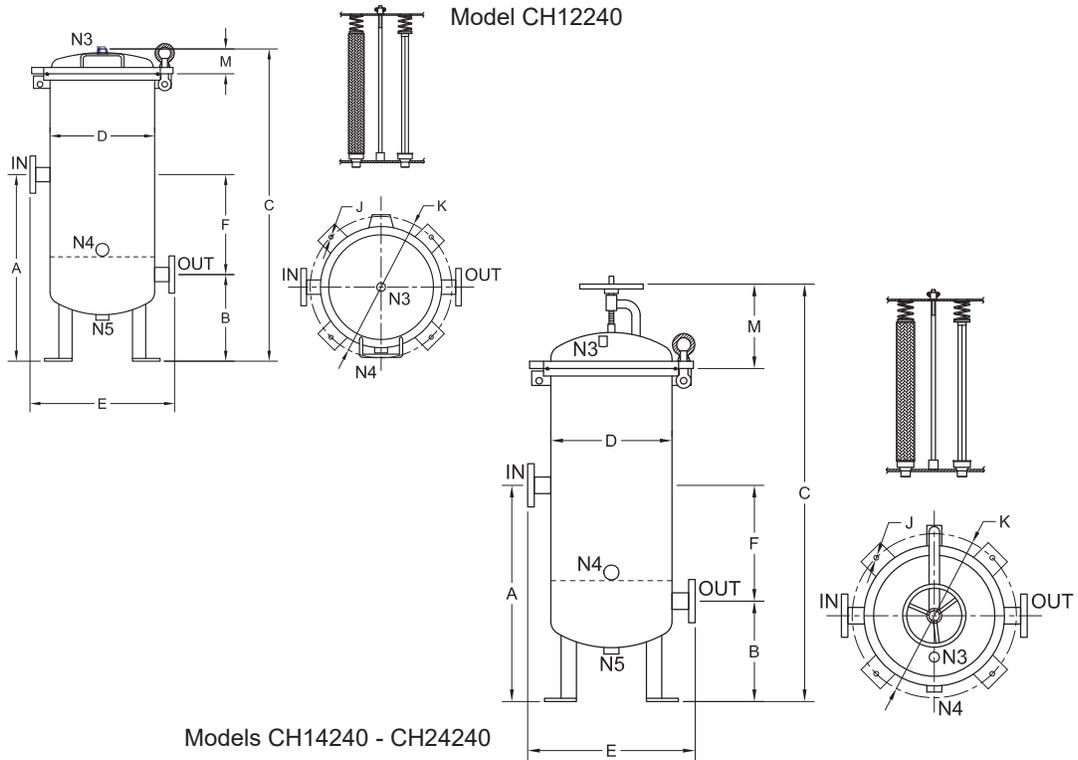
BOX 5	BOX 6	BOX 7	BOX 8
Housing Material	Connection	O-Ring	Pressure
4 = SUS304 6 = SUS316 7 = SUS316L	10 = 1" 15 = 1.5" 20 = 2" 25 = 2.5" 30 = 3" 40 = 4"	B = Buna N E = EPDM S = Silicone V = Viton	1 = 150 psi

BOX 9
Options
1 = Standard Flat Gasket Double Open Ends & 2 - 222 O-ring Fin/Flat 7 = No Bayonet 2-226 O-ring Fin/Flat 9 = 2-226 O-ring Fin/Flat

NOTE: elements must be purchased separately.

5-40 gpm
18.33-150
L/min

150 psi
10 bar



Dimensions

	Cartridge		A inch (mm)	B inch (mm)	C inch (mm)	D øinch (mm)	E inch (mm)	J øinch (mm)	K øinch (mm)	M inch (mm)	N3 inch	N4 inch
	Qty	Length										
CH12240	12	40	27.56 (700)	13.78 (350)	68.03 (1728)	12.01 (305)	19.69 (500)	0.55 (14)	16.14 (410)	6.02 (153)	1/2	1
CH14240	14	40	27.56 (700)	13.78 (350)	76.77 (1950)	15.98 (406)	23.86 (606)	0.55 (14)	20.31 (516)	14.96 (380)	1/2	1
CH18240	18	40	27.56 (700)	13.78 (350)	76.77 (1950)	15.98 (406)	23.86 (606)	0.55 (14)	20.31 (516)	14.96 (380)	1/2	1
CH20240	20	40	27.56 (700)	13.78 (350)	76.77 (1950)	15.98 (406)	23.86 (606)	0.55 (14)	20.31 (516)	14.96 (380)	1/2	1
CH24240	24	40	27.56 (700)	13.78 (350)	76.97 (1955)	19.13 (486)	27.01 (686)	0.55 (14)	23.46 (596)	15.16 (385)	1/2	1

Specifications

Number of Elements per Housing: 12, 14, 18, 20, or 24, 2" Diameter

Max. Working Pressure: 150 psi (10 bar)

Max Temperature: 167°F (75°C)

Housing Material: Stainless Steel (304 or 316)

*Max flow rate is dependent on type of media, particle selection required, fluid viscosity and volume of contamination.

Cartridge Housings and Elements

CH13-CH173

Model #	Flow Rate	Volume	Dry Weight
CH12240	0-200 gpm (755 l / min)	28.00 gal (107L)	187 lbs (85kg)
CH14240	0-240 gpm (900 l / min)	50.00 gal (198L)	275 lbs (125 kg)
CH18240	0-310 gpm (1170 l / min)	50.00 gal (198L)	275 lbs (125 kg)
CH20240	0-350 gpm (1320 l / min)	50.00 gal (198L)	275 lbs (125 kg)
CH24240	0-415 gpm (1565 l / min)	75.00 gal (286L)	320 lbs (145 kg)

Flow Rate SW
Volume and Weight DCE/ACE

PP

CH1

CH3 - CH7

CH13-CH173

CH13-CH173

Filter Model Number Selection RMF

How to Build a Valid Model Number for a Multi-Cartridge Housing:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH								

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
CH	4	2	10	6	15	B	0	7

= CH14210615B07

BOX 1

Filter Series
CH

BOX 2

of Cartridges
13 = 13 pieces
14 = 14 pieces
15 = 15 pieces
— Up To —
173 = 173 pieces

BOX 3

Cartridge Diameter
2 = 2" diameter

BOX 4

Cartridge Length
10 = 10"
20 = 20"
30 = 30"
40 = 40"

BOX 5

Housing Material
4 = SUS304
6 = SUS316
7 = SUS316L

BOX 6

Connection
10 = 1"
15 = 1.5"
20 = 2"
25 = 2.5"
30 = 3"
40 = 4"
Z = 10"
Z1 = 11"
— Up To —
Z5 = 15"

BOX 7

O-Ring
B = Buna N
E = EPDM
S = Silicone
V = Viton

BOX 8

Pressure
1 = 150 psi

BOX 9

Options
1 = Standard Flat Gasket Double Open Ends & 2 - 222 O-ring Fin/Flat
7 = No Bayonet 2-226 O-ring Fin/Flat
9 = 2-226 O-ring Fin/Flat

