



Replacement Cartridges

2023 - 2024



Sediment



Carbon



In-Line



**GAC & Other
Media**

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for Pricing**

H₂O International Inc.

3001 S.W. 15th St., Suite C, Deerfield Beach, FL 33442

USA Toll-Free: 1-800-570-3464 International: 1-954-570-3464

sales@h2ofilter.com www.h2ofilter.com

Replacement Cartridges

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SDC SERIES

Sediment Depth Cartridges
Data Sheet

SDC Series

Sediment Depth Cartridges

- ✓ Graded density for higher dirt holding capacity
- ✓ Manufactured from 100% pure Polypropylene
- ✓ Made with FDA CFR 21 approved material
- ✓ NSF Standard 42, 61 & 372 certified



SDC SERIES 2.5" DIAMETER CARTRIDGES

The SDC Series 2.5" diameter cartridge's coreless design is an economical solution to pre-filtration for many applications. They are used widely as pre-filtration for RO systems and post-filtration for GAC filters. They are also used in applications such as ice machines, film processing, beverage, coffee, analytical, wineries, and many others.

SDC SERIES 4.5" DIAMETER CARTRIDGES

Our 4.5" diameter SDC Series Cartridges have true multi-stage depth filtration integrated into their design. Utilizing four separate layers of micron filtration, outside-in flow allows the outer layer to trap the larger sized particles, resulting in a much lower pressure drop compared to conventional filters. Trapping various sized particles layer-by-layer, our SDC Series Cartridges provide a much higher dirt holding capacity than standard spun Polypropylene and string wound cartridges.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
5"	SDC-25-0501	2.5" x 4 7/8"	1	80	13 x 11 x 21	12	5.44
	SDC-25-0505	2.5" x 4 7/8"	5	80	13 x 11 x 21	12	5.44
	SDC-25-0510	2.5" x 4 7/8"	10	80	13 x 11 x 21	12	5.44
10"	SDC-25-1001	2.5" x 9 7/8"	1	40	13 x 11 x 21	12	5.44
	SDC-25-1005	2.5" x 9 7/8"	5	40	13 x 11 x 21	12	5.44
	SDC-25-1010	2.5" x 9 7/8"	10	40	13 x 11 x 21	12	5.44
	SDC-25-1020	2.5" x 9 7/8"	20	40	13 x 11 x 21	12	5.44
	SDC-25-1050	2.5" x 9 7/8"	50	40	13 x 11 x 21	12	5.44
20"	SDC-25-2001	2.5" x 20"	1	20	13 x 11 x 21	12	5.44
	SDC-25-2005	2.5" x 20"	5	20	13 x 11 x 21	12	5.44
	SDC-25-2010	2.5" x 20"	10	20	13 x 11 x 21	12	5.44
	SDC-25-2020	2.5" x 20"	20	20	13 x 11 x 21	12	5.44
	SDC-25-2050	2.5" x 20"	50	20	13 x 11 x 21	12	5.44
30"	SDC-25-3001	2.5" x 30"	1	20	13 x 11 x 31	18	8.16
	SDC-25-3005	2.5" x 30"	5	20	13 x 11 x 31	18	8.16
	SDC-25-3010	2.5" x 30"	10	20	13 x 11 x 31	18	8.16
	SDC-25-3025	2.5" x 30"	25	20	13 x 11 x 31	18	8.16
	SDC-25-3075	2.5" x 30"	75	20	13 x 11 x 31	18	8.16
40"	SDC-25-4001	2.5" x 40"	1	20	13 x 11 x 41	24	10.89
	SDC-25-4001-S5	2.5" x 40"	1	20	13 x 11 x 41	24	10.89
	SDC-25-4005	2.5" x 40"	5	20	13 x 11 x 41	24	10.89
	SDC-25-4010	2.5" x 40"	10	20	13 x 11 x 41	24	10.89
	SDC-25-4025	2.5" x 40"	25	20	13 x 11 x 41	24	10.89
	SDC-25-4075	2.5" x 40"	75	20	13 x 11 x 41	24	10.89
50"	SDC-25-5005	2.5" x 50"	5	20	13 x 11 x 51	29	13.15

* Special lengths, end caps and diameters available for contract orders.

4.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SDC-45-1001	4.5"x 9 7/8"	1	12	13 x 11 x 31	12	5.44
	SDC-45-1005	4.5"x 9 7/8"	5	12	13 x 11 x 31	12	5.44
	SDC-45-1010	4.5"x 9 7/8"	10	12	13 x 11 x 31	12	5.44
	SDC-45-1020	4.5"x 9 7/8"	20	12	13 x 11 x 31	12	5.44
	SDC-45-1050	4.5"x 9 7/8"	50	12	13 x 11 x 31	12	5.44
20"	SDC-45-2001	4.5"x 20"	1	6	13 x 11 x 41	12	5.44
	SDC-45-2005	4.5"x 20"	5	6	13 x 11 x 41	12	5.44
	SDC-45-2010	4.5"x 20"	10	6	13 x 11 x 41	12	5.44
	SDC-45-2020	4.5"x 20"	20	6	13 x 11 x 41	12	5.44
	SDC-45-2050	4.5"x 20"	50	6	13 x 11 x 41	12	5.44

SDC SERIES CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SDC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.

Product Applications

- Electroplating, etching, and image developing processes in PCB Industry
- Filtration for electroplating industry
- Pre-filter for DI and RO water filtration systems
- Pre-filtration for low viscosity chemicals
- Pre-filtration for manufacturing and water recycling
- Certified NSF Standard 42, 61 & 372/FDA approved material

Materials of Construction

Filter Media: Polypropylene

4.5" DIAMETER SPECIFICATIONS				
	Part Number	Description	Micron Rating	Initial ΔP (psi) at Flow Rate (gpm)
10"	SDC-45-1001	4.5"x 9 7/8"	1	1 psi at 10 gpm
	SDC-45-1005	4.5"x 9 7/8"	5	1 psi at 10 gpm
	SDC-45-1010	4.5"x 9 7/8"	10	1 psi at 10 gpm
	SDC-45-1020	4.5"x 9 7/8"	20	1 psi at 10 gpm
	SDC-45-1050	4.5"x 9 7/8"	50	1 psi at 10 gpm
20"	SDC-45-2001	4.5"x 20"	1	1 psi at 20 gpm
	SDC-45-2005	4.5"x 20"	5	1 psi at 20 gpm
	SDC-45-2010	4.5"x 20"	10	1 psi at 20 gpm
	SDC-45-2020	4.5"x 20"	20	1 psi at 20 gpm
	SDC-45-2050	4.5"x 20"	50	1 psi at 20 gpm

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

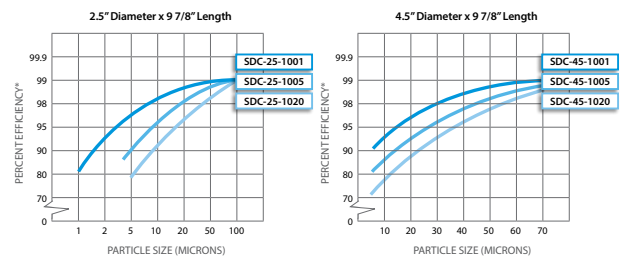
* Special lengths and diameters available.

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Manufactured by Hydronix Water Technology



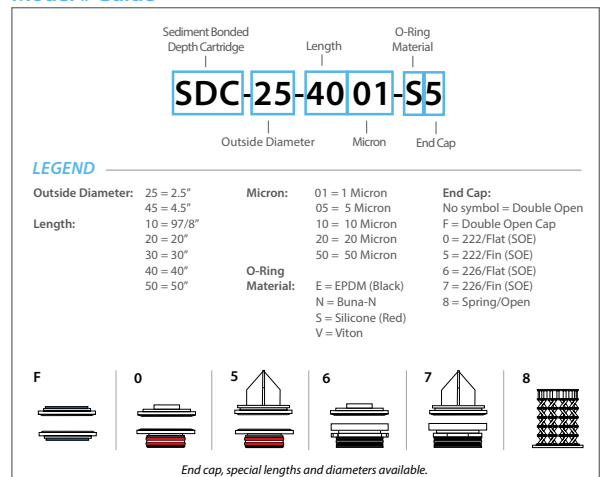
Operating Data

Max. operating temperature: 145 °F (63 °C)
Max. pressure drop: 69 °F (20 °C)
46.4 psi (3.2 kg/cm²)

Recommended replaceable pressure drop: 21.75 psi (1.5 kg/cm²)
Temperature range: 40 °F to 145 °F (4.4 °C to 62.8 °C)

Maximum flow: 2-8 gpm (Depending on micron rating)

Model # Guide



SGC SERIES

Sediment Grooved Cartridges
Data Sheet

SGC Series

Sediment Grooved Cartridges

- ✓ 100% Pure Polypropylene
- ✓ Made with FDA CFR 21 approved material
- ✓ Grooved for larger filtration area
- ✓ NSF standard 42, 61 & 372 certified



SGC SERIES SEDIMENT GROOVED CARTRIDGES

are a reliable and economical solution for pre-filtration in many applications. Typically utilized for pre-filtration in Reverse Osmosis systems and post filtration in GAC filters, Hydronix SGC Cartridges with their grooved design offer a larger filtration area for longer life and larger filtration capacity.

SGC SERIES SEDIMENT GROOVED CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SGC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

SGC SERIES SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron	Case Qty	Box Dimension (inches)	Weight (lbs)	Weight (kgs)
10"	SGC-25-1001	2.5" x 9 7/8"	0.6 psi at 5 gpm (.04 bar at 19 L/min)	1	40	13 x 11 x 21	15	6.80
	SGC-25-1005	2.5" x 9 7/8"	0.4 psi at 5 gpm (.03 bar at 19 L/min)	5	40	13 x 11 x 21	15	6.80
20"	SGC-25-2001	2.5" x 20"	0.6 psi at 10 gpm (.04 bar at 38 L/min)	1	20	13 x 11 x 21	15	6.80
	SGC-25-2005	2.5" x 20"	0.4 psi at 10 gpm (.03 bar at 38 L/min)	5	20	13 x 11 x 21	15	6.80
30"	SGC-25-3001	2.5" x 30"	0.4 psi at 15 gpm (.03 bar at 57 L/min)	1	20	13 x 11 x 31	22.5	10.21
	SGC-25-3005	2.5" x 30"	0.3 psi at 15 gpm (.02 bar at 57 L/min)	5	20	13 x 11 x 31	22.5	10.21
40"	SGC-25-4001	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	1	20	13 x 11 x 41	30	13.61
	SGC-25-4005	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	5	20	13 x 11 x 41	30	13.61

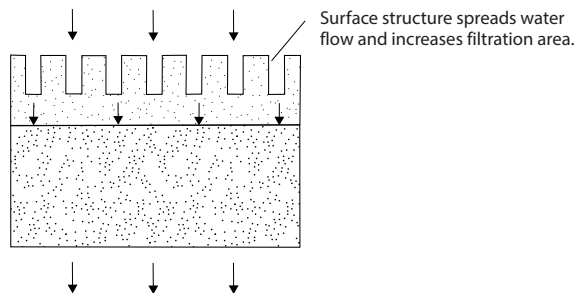
Materials of Construction

Filter Media: Polypropylene
Temperature Range: 40 °F to 145 °F (4.4 °C to 62.8 °C)

Operating Data

Max. operating temperature: 145 °F (63 °C)
Max. pressure drop: 69°F (20°C) 46.4 psi (3.2 kg/cm²)
Recommended replaceable pressure drop: 21.75 psi (1.5 kg/cm²)
Temperature range: 40 °F to 145 °F (4.4 °C to 62.8 °C)
Maximum flow: 2-8 gpm (Depending on micron rating)

Flow Detail



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.



COMPONENT

Product Applications

- Food and beverage processing
- Pre-filter for DI and RO water filtration systems
- Pre-filtration for manufacturing and water recycling



WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

* Special lengths and diameters available.

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Manufactured by Hydronix Water Technology

SBC SERIES

Sediment Bonded Depth Cartridges
Data Sheet



SBC Series

Sediment Bonded Depth Cartridges

- ✓ Superior filtration performance
- ✓ Polypropylene center core for added strength
- ✓ Made with FDA CFR 21 approved material
- ✓ Thermally bonded Polypropylene
- ✓ NSF standard 42, 61 & 372 certified

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

are specially designed thermally bonded Polypropylene filters that provide superior filtration performance. SBC Bonded Depth Cartridges utilize a durable Polypropylene center core for increased strength and structural integrity.

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

have fine grooves on the outside of the filter for increased surface area and will not impart color, taste and odor on the liquid being filtered. SBC cartridges produce consistent flow rates and have no fiber release, making them ideal for food and beverage applications.

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SBC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SBC-25-1001	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	1	40	13 x 11 x 21	15	6.80
	SBC-25-1005	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	5	40	13 x 11 x 21	15	6.80
	SBC-25-1010	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	10	40	13 x 11 x 21	15	6.80
	SBC-25-1020	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	20	40	13 x 11 x 21	15	6.80
19 1/2"	SBC-25-1951	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1	20	13 x 11 x 21	14	6.35
	SBC-25-1955	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5	20	13 x 11 x 21	14	6.35
20"	SBC-25-2001	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1	20	13 x 11 x 21	14	6.35
	SBC-25-2005	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5	20	13 x 11 x 21	14	6.35
	SBC-25-2010	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	10	20	13 x 11 x 21	14	6.35
	SBC-25-2020	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	20	20	13 x 11 x 21	14	6.35
	SBC-25-2050	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	50	20	13 x 11 x 21	14	6.35
29 1/4"	SBC-25-29141	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	1	20	13 x 11 x 31	22	9.97
	SBC-25-29145	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	5	20	13 x 11 x 31	22	9.97
	SBC-25-291410	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	10	20	13 x 11 x 31	22	9.97
30"	SBC-25-3001	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	1	20	13 x 11 x 31	22	9.97
	SBC-25-3005	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	5	20	13 x 11 x 31	22	9.97
	SBC-25-3010	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	10	20	13 x 11 x 31	22	9.97
	SBC-25-3020	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	20	20	13 x 11 x 31	22	9.97
	SBC-25-3050	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	50	20	13 x 11 x 31	22	9.97
	39"	SBC-25-3901	2.5" x 39"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1	20	13 x 11 x 41	28
SBC-25-3905		2.5" x 39"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	28	12.70
40"	SBC-25-4001	2.5" x 40"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1	20	13 x 11 x 41	30	13.61
	SBC-25-4005	2.5" x 40"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	30	13.61
	SBC-25-4005-S5	2.5" x 40", 222/FIN	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	31	14.06
50"	SBC-25-5005	2.5" x 50"	<2 psi at 11 gpm (<0.14 bar at 41.5 L/min)	5	20	13 x 11 x 51	44	19.96

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. SBC Sediment Depth Cartridges comply with FDA CFR21 regulations for use in food and beverage applications and are NSF standard 42, 61 & 372 certified.

Features & Benefits

- Thermally bonded Polypropylene micro fiber construction for higher filtration efficiency
- SBC cartridges will not impart taste, odor or color to water being filtered
- Polypropylene construction provides superior chemical resistance and resists bacterial attack
- SBC cartridges have no fiber release, consistent flow rate and superior filtration performance
- Comply with FDA CFR 21 regulations for use in food and beverage applications

Temperature Range

- 40 °F to 175 °F (4.4 °C to 79.4 °C)

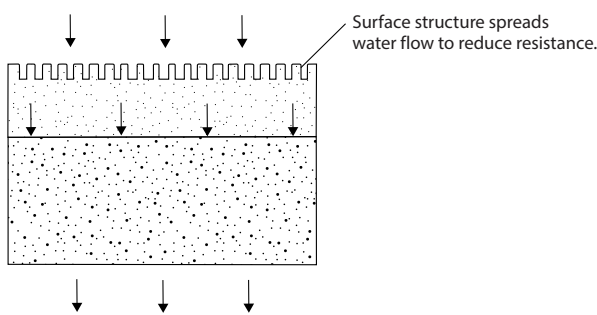
Product Applications

- Electric components
- Plating
- Parts washing
- Pulp and paper
- Ink
- Bottled water
- Soft drinks
- Juice
- Oil and gas
- Pre-RO
- Rinse water

Operating Data

Maximum Differential Pressure 15 psid at 175 °F (1.0 bar at 80 °C) 25 psid at 140 °F (1.7 bar at 60 °C) 60 psid at 68 °F (4.13 bar at 20 °C)	Recommended Change Out Differential Pressure 35 psi (2.4 bar)
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Flow Detail



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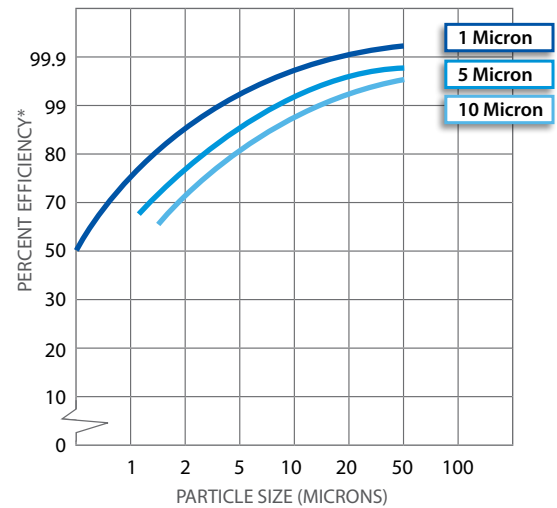
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Manufactured by Hydronix Water Technology

Materials of Construction

Filter Media: Polypropylene

SBC Performance



Model # Guide

Sediment Bonded Depth Cartridge Length O-Ring Material

SBC-25-1005-E5

Outside Diameter Micron End Cap

LEGEND

Outside Diameter: 25 = 2.5" 10 = 10" 195 = 19.5" 20 = 20" 2914 = 29 1/4" 30 = 30" 39 = 39" 40 = 40"	Micron: 1 = 1 Micron 5 = 5 Micron 10 = 10 Micron 20 = 20 Micron 50 = 50 Micron	End Cap: No symbol = Double Open F = Double Open Cap 0 = 222/Flat (SOE) 5 = 222/Fin (SOE) 6 = 226/Flat (SOE) 7 = 226/Fin (SOE)
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O-Ring Material: E = EPDM (BLACK) N = Buna-N S = Silicone (RED) V = Viton	 DOE	 222/FLAT	 222/FIN	 226/FLAT	 226/FIN
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End cap, special lengths and diameters available.

SWC SERIES

String Wound Cartridges
Data Sheet

SWC Series

String wound cartridges

- ✓ Made with FDA CFR 21 approved material
- ✓ Manufactured from 100% Polypropylene Cord
- ✓ Reduces sand, silt, rust and scale particles
- ✓ NSF standard 42, 61 & 372 certified
- ✓ High dirt holding capacity



HYDRONIX SWC SERIES STRING WOUND CARTRIDGES

a cost effective solution for the reduction of sand, silt, rust, dirt and scale particles. Made from 100% Polypropylene cord, SWC Series String Wound Cartridges can withstand temperatures of up to 165°F (73.9°C).

HYDRONIX SWC SERIES STRING WOUND CARTRIDGES

are suitable for a variety of applications including residential and commercial applications using both municipal and well water. Different wound patterns for different micron ratings ensure that you are getting the right product for the right application.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SWC-25-10-0.5	2.5" x 9.875"	.5	40	13 x 11 x 21	17.2	7.80
	SWC-25-1001	2.5" x 9.875"	1	40	13 x 11 x 21	17.2	7.80
	SWC-25-1005	2.5" x 9.875"	5	40	13 x 11 x 21	17.2	7.80
	SWC-25-1010	2.5" x 9.875"	10	40	13 x 11 x 21	17.2	7.80
	SWC-25-1020	2.5" x 9.875"	20	40	13 x 11 x 21	17.2	7.80
	SWC-25-1030	2.5" x 9.875"	30	40	13 x 11 x 21	17.2	7.80
	SWC-25-1050	2.5" x 9.875"	50	40	13 x 11 x 21	17.2	7.80
	SWC-25-10100	2.5" x 9.875"	100	40	13 x 11 x 21	17.2	7.80
20"	SWC-25-20-0.5	2.5" x 20"	.5	20	13 x 11 x 21	15.4	7
	SWC-25-2001	2.5" x 20"	1	20	13 x 11 x 21	15.4	7
	SWC-25-2005	2.5" x 20"	5	20	13 x 11 x 21	15.4	7
	SWC-25-2010	2.5" x 20"	10	20	13 x 11 x 21	15.4	7
	SWC-25-2020	2.5" x 20"	20	20	13 x 11 x 21	15.4	7
	SWC-25-2030	2.5" x 20"	30	20	13 x 11 x 21	15.4	7
	SWC-25-2050	2.5" x 20"	50	20	13 x 11 x 21	15.4	7
	SWC-25-20100	2.5" x 20"	100	20	13 x 11 x 21	15.4	7
30"	SWC-25-3001	2.5" x 30"	1	20	13 x 11 x 31	23.1	10.50
	SWC-25-3005	2.5" x 30"	5	20	13 x 11 x 31	23.1	10.50
	SWC-25-3010	2.5" x 30"	10	20	13 x 11 x 31	23.1	10.50
	SWC-25-3020	2.5" x 30"	20	20	13 x 11 x 31	23.1	10.50
	SWC-25-3030	2.5" x 30"	30	20	13 x 11 x 31	23.1	10.50
	SWC-25-3050	2.5" x 30"	50	20	13 x 11 x 31	23.1	10.50
	SWC-25-30100	2.5" x 30"	100	20	13 x 11 x 31	23.1	10.50
40"	SWC-25-4001	2.5" x 40"	1	20	13 x 11 x 41	38	17.27
	SWC-25-4005	2.5" x 40"	5	20	13 x 11 x 41	38	17.27
	SWC-25-4010	2.5" x 40"	10	20	13 x 11 x 41	38	17.27
	SWC-25-4020	2.5" x 40"	20	20	13 x 11 x 41	38	17.27
	SWC-25-4030	2.5" x 40"	30	20	13 x 11 x 41	38	17.27
	SWC-25-4050	2.5" x 40"	50	20	13 x 11 x 41	38	17.27
	SWC-25-40100	2.5" x 40"	100	20	13 x 11 x 41	38	17.27
50"	SWC-25-5005	2.5" x 50"	5	20	13 x 11 x 51	52	23.59

4.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SWC-45-10-0.5	4.5" x 9.875"	.5	12	14 x 10 x 21	19.4	8.8
	SWC-45-1001	4.5" x 9.875"	1	12	14 x 10 x 21	19.4	8.8
	SWC-45-1005	4.5" x 9.875"	5	12	14 x 10 x 21	19.4	8.8
	SWC-45-1010	4.5" x 9.875"	10	12	14 x 10 x 21	19.4	8.8
	SWC-45-1020	4.5" x 9.875"	20	12	14 x 10 x 21	19.4	8.8
	SWC-45-1030	4.5" x 9.875"	30	12	14 x 10 x 21	19.4	8.8
	SWC-45-1050	4.5" x 9.875"	50	12	14 x 10 x 21	19.4	8.8
	SWC-45-10100	4.5" x 9.875"	100	12	14 x 10 x 21	19.4	8.8
20"	SWC-45-20-0.5	4.5" x 20"	.5	6	14 x 10 x 21	17.6	8
	SWC-45-2001	4.5" x 20"	1	6	14 x 10 x 21	17.6	8
	SWC-45-2005	4.5" x 20"	5	6	14 x 10 x 21	17.6	8
	SWC-45-2010	4.5" x 20"	10	6	14 x 10 x 21	17.6	8
	SWC-45-2020	4.5" x 20"	20	6	14 x 10 x 21	17.6	8
	SWC-45-2030	4.5" x 20"	30	6	14 x 10 x 21	17.6	8
	SWC-45-2050	4.5" x 20"	50	6	14 x 10 x 21	17.6	8
	SWC-45-20100	4.5" x 20"	100	6	14 x 10 x 21	17.6	8

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. *Special lengths and diameter available.

HYDRONIX SWC SERIES STRING WOUND CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SWC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans. SWC polypropylene media complies with the appropriate U.S. Food and Drug Administration guidelines, as outlined in the Code of Federal regulations, Title 21, Sections 177.1520 (a), (1) and Section 177.1520 (c), (1.1).

Materials of Construction

Filter Media: Polypropylene Fiber Cord
Core: Polypropylene

Temperature Rating

Temperature Range: 40 °F to 165 °F (4.4 °C to 73.9 °C)

Suggested Differential Pressure

30 psig maximum - dirty
10-15 psig optimum - change out

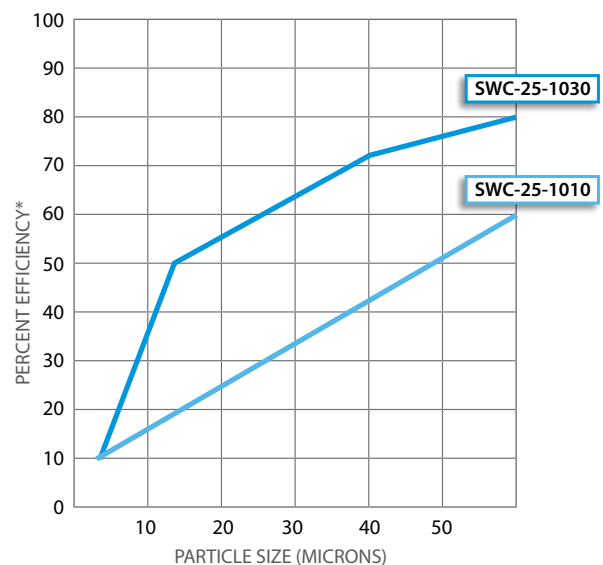
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Manufactured by Hydronix Water Technology

SWC Series Sediment Cartridges



SPC SERIES

Polyester Pleated Cartridges
Data Sheet



SPC Series

Polyester Pleated Cartridges

- ✓ Manufactured from durable Polyester
- ✓ Made with FDA CFR 21 approved materia
- ✓ NSF standard 42, 61 & 372 certified
- ✓ Bacteria and chemical resistant
- ✓ Washable and reusable

SPC SERIES POLYESTER PLEATED CARTRIDGES

are manufactured from durable polyester to provide you with a superior pleated cartridge that is washable and reusable. The Polyester media is pleated around a Polypropylene core for added strength and the ends are immersed in a thermosetting Vinyl Plastisol which fuses the three components together forming a unified end cap and gasket. The cartridges are bacteria and chemical resistant and provide great dirt holding capacity to extend the time between cartridge change outs.

SPC SERIES POLYESTER PLEATED CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SPC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.

FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS									
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)	
10"	SPC-25-1001	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	40	13 x 11 x 21	14	6.35	
	SPC-25-1005	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	40	13 x 11 x 21	14	6.35	
	SPC-25-1010	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	40	13 x 11 x 21	14	6.35	
	SPC-25-1020	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	40	13 x 11 x 21	14	6.35	
	SPC-25-1030	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	40	13 x 11 x 21	14	6.35	
	SPC-25-1050	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	40	13 x 11 x 21	14	6.35	
20"	SPC-25-2001	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 21	14	6.35	
	SPC-25-2005	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 21	14	6.35	
	SPC-25-2010	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 21	14	6.35	
	SPC-25-2020	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 21	14	6.35	
	SPC-25-2030	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 21	14	6.35	
	SPC-25-2050	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 21	14	6.35	
30"	SPC-25-3001	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3005	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3010	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3020	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3030	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3050	2.5" x 304"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	20	13 x 11 x 31	23.1	10.48	
40"	SPC-25-4001	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 41	26	11.80	
	SPC-25-4005	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 41	26	11.80	
	SPC-25-4010	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 41	26	11.80	
	SPC-25-4020	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 41	26	11.80	
	SPC-25-4030	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 41	26	11.80	
	SPC-25-4050	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 41	26	11.80	

SPC SERIES

Polyester Pleated Cartridges
Data Sheet

4.5" DIAMETER SPECIFICATIONS

	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SPC-45-10-0.2	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	0.2 Absolute	12	14 x 10 x 21	12	5.44
	SPC-45-1001	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	12	14 x 10 x 21	12	5.44
	SPC-45-1005	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	12	14 x 10 x 21	12	5.44
	SPC-45-1010	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	12	14 x 10 x 21	12	5.44
	SPC-45-1020	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	12	14 x 10 x 21	12	5.44
	SPC-45-1030	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	12	14 x 10 x 21	12	5.44
	SPC-45-1050	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	12	14 x 10 x 21	12	5.44
20"	SPC-45-2001	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	6	14 x 10 x 21	9	4.08
	SPC-45-2005	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	6	14 x 10 x 21	9	4.08
	SPC-45-2010	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	6	14 x 10 x 21	9	4.08
	SPC-45-2020	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	6	14 x 10 x 21	9	4.08
	SPC-45-2030	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	6	14 x 10 x 21	9	4.08
	SPC-45-2050	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	6	14 x 10 x 21	9	4.08

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Materials of Construction

Filter Media: Non-woven Polyester
End Caps: Vinyl Plastisol
Core: Polypropylene

Temperature Rating

Temperature Range: 40 °F to 125 °F (4.4 °C to 51.7 °C)

SPC Series Flow Rates

Microns	2.5" x 9 7/8"	2.5" x 20"	4.5" x 9 7/8"	4.5" x 20"
1	4	8	15	30
5	7	14	20	40
10	7	14	20	40
20	8	16	20	40
30	8	16	20	40
50	10	20	20	40

Flow Rates in gpm.

This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.



*For the complete list of our NSF Certified products, please visit the Hydronix Water Technology page on the official NSF website: www.nsf.org

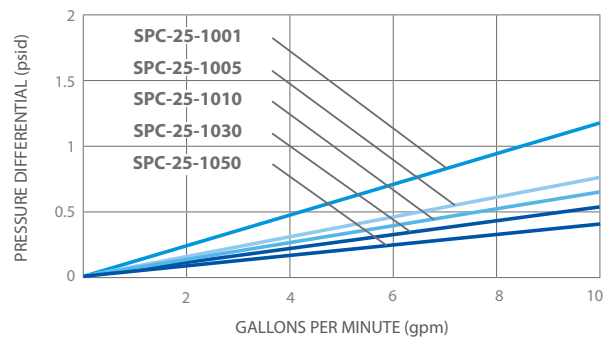
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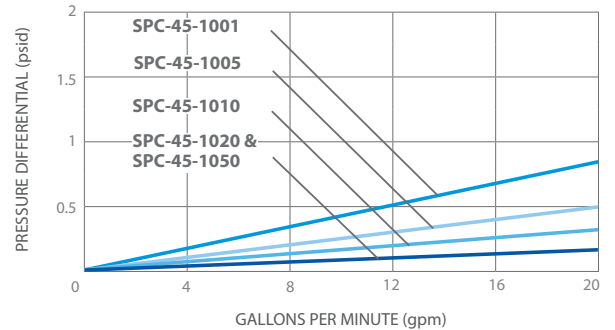
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Manufactured by Hydronix Water Technology

SPC-25 Performance



SPC-45 Performance



CIC SL SERIES

*Carbon Impregnated
Scale Reduction Cartridges
Data Sheet*

CIC Plus Series *Carbon Impregnated Scale Reduction Cartridges*

- ✓ Effective sediment, chlorine taste and odor reduction.
- ✓ Ideal for residential, commercial, and light industrial applications.
- ✓ High performance scale protection.
- ✓ Carbon Impregnated Filter Fibers for optimal performance.
- ✓ High dirt holding capacity.
- ✓ Superior performance and cost to benefit ratio.



CIC SL SERIES CARBON IMPREGNATED SCALE REDUCTION CARTRIDGES

combine the benefits of a sediment filter with the chlorine taste and odor reduction characteristics of carbon block filters. They offer exceptional dirt holding performance and are ideal for a wide range of applications. With their dual action construction CIC SL series filters allow for the reduction of sediment, dirt, sand, silt, and rust particles while laying down a special coating for superb anti-scale protection. All material is NSF and FDA compliant and does not pose a health risk to humans or pets.

CIC SL SERIES CARBON IMPREGNATED SCALE REDUCTION CARTRIDGES

are specially designed professional grade scale prevention, sediment, chlorine taste and odor filters that incorporate PhosCoat™ media. PhosCoat™ is a specially designed media that lays down a unique coating on pipes, tank less water heaters, fixtures, Solar Hot Water Systems, Boilers, and appliances that creates a barrier which does not allow scale to materialize and attach itself to the surface. CIC SL series filters with PhosCoat™ are ideal for a wide range of residential and commercial applications where professional grade carbon, sediment reduction and scale prevention is desired.

CIC SL SERIES SPECIFICATIONS						
	Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
2.75"	CIC-10SL	2.75" x 9 7/8" Carbon Impregnated Cartridge w/Phosphate, 5M	20	15 x 12.6 x 10.6	16	7.25
	CIC-20SL	2.75" x 20" Carbon Impregnated Cartridge w/Phosphate, 5M	20	15 x 12.6 x 21.25	28	12.7
4.5"	CIC-BB10SL	4.5" x 9 7/8" Carbon Impregnated Cartridge w/Phosphate, 5M	9	15.4 x 15.4 x 11	17	7.7
	CIC-BB20SL	4.5" x 20" Carbon Impregnated Cartridge w/Phosphate, 5M	6	16.4 x 11.8 x 22	19	8.6

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE: The granular activated carbon cartridges will contain a very small amount of carbon fines (very refined black powder). After installation, a new cartridge should be flushed with sufficient water to remove all traces of the fines from your water system before using the water. Each time you use your filtered water tap for drinking or cooking purposes it is recommended that you run (flush) the tap for at least 20 seconds prior to using water. This is particularly important if the water tap has not been used daily.

CIC SL SERIES

Carbon Impregnated
Scale Reduction Cartridges
Data Sheet

Materials of Construction

Filter media:	Carbon Impregnated Polypropylene Fiber Blend
Scale Prevention Media:	PhosCoat™ Food Safe Phosphate Media
Center Structural Core:	Polypropylene
End Caps:	Polypropylene
Gasket:	Buna-N
Netting:	Polypropylene

Specifications

Micron Rating:	5μ
Max. Temperature Rating:	40 °F to 80 °F (4.4 °C to 26.6 °C)
Max. Water Pressure:	80psi (5.5 bar)
Max. Differential Pressure:	50 psid at 80 °F (3.48 bar at 26.6 °C)
Cartridge Life (Residential Use):	12 months
Cartridge Life (Commercial Use):	6 months

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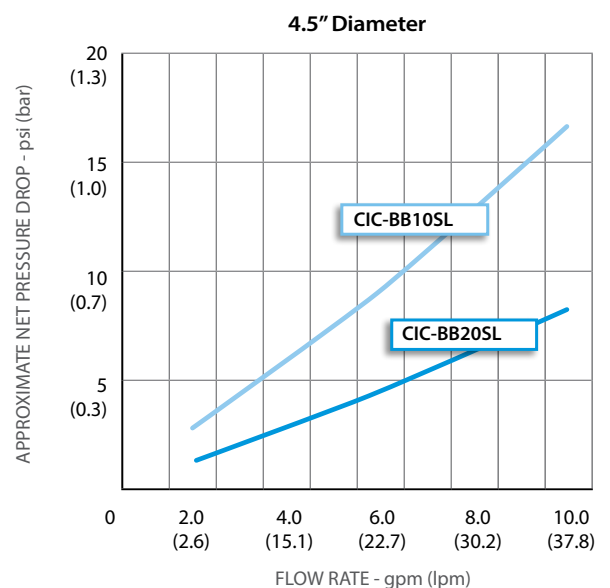
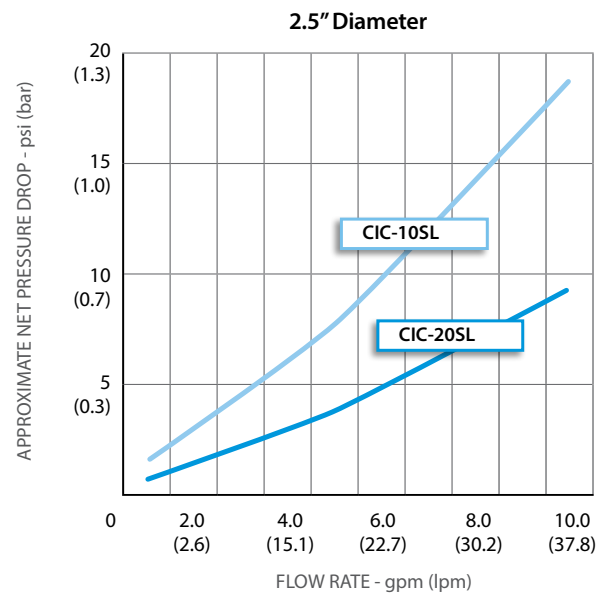


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Manufactured by Hydronix Water Technology



CB SERIES

Carbon Block Filters
Data Sheet



CB Series

Carbon Block Filters

- ✓ Reduce taste, odor, chlorine and certain VOC's from drinking water*
- ✓ Nominal 0.5, 1, 5 and 10 micron available
- ✓ Great chlorine removal capacity *

HYDRONIX CB SERIES CARBON BLOCK FILTERS

are manufactured with high purity coconut shell activated carbon and are available in a wide range of lengths, diameters, and micron ratings. The carbon blocks provide an exceptional cost-to-performance value. With high chlorine reduction, great dirt-holding capacity, and greatly reduced carbon fines, you will soon make the CB series your carbon block of choice.

HYDRONIX CB SERIES CARBON BLOCK FILTERS

are ideal for point-of-use (POU) and reverse osmosis applications. These cartridges can be used in a wide range of applications such as residential, food service, commercial, and industrial. The CB Series carbon blocks are great for displacing traditional GAC (Granular Activated Carbon) and PAC (Powder Activated Carbon) filters in applications where high chlorine reduction is needed.



Tested and certified by NSF International to ANSI/NSF Standard 42 for material requirements only.

2.5" DIAMETER SPECIFICATIONS									
	Part Number	Description	Chlorine Capacity* (GALLONS)	Micron Rating Nominal*	Initial ΔP (psi) at Flow Rate (gpm)	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
5"	CB-25-0505	2.5" x 4 7/8"	3,000 at 1.0 gpm	5μ	2.0 psid at 1.0 gpm	40	16 x 13 x 11	22	9.98
	SMCB-2510	2.5" x 9 7/8"	20,000 at 0.5 gpm	0.5μ	4.0 psid at 0.5 gpm	20	16 x 13 x 11	22	9.53
10"	CB-25-1001	2.5" x 9 7/8"	6,000 at 0.75 gpm	1μ	4.0 psid at 0.75 gpm	20	16 x 13 x 11	21	9.53
	CB-25-1005	2.5" x 9 7/8"	6,000 at 1.0 gpm	5μ	2.0 psid at 1.0 gpm	20	16 x 13 x 11	20	9.07
	CB-25-1010	2.5" x 9 7/8"	6,000 at 1.5 gpm	10μ	2.0 psid at 1.0 gpm	20	16 x 13 x 11	16	7.36
	SMCB-2520	2.5" x 20"	40,000 at 1.0 gpm	0.5μ	4.0 psid at 1.0 gpm	20	16 x 13 x 22	43	19.50
20"	CB-25-2001	2.5" x 20"	12,000 at 1.5 gpm	1μ	4.0 psid at 1.5 gpm	20	16 x 13 x 22	43	19.50
	CB-25-2005	2.5" x 20"	9,000 at 2.0 gpm	5μ	2.0 psid at 2.0 gpm	20	16 x 13 x 22	37	16.78
	CB-25-2010	2.5" x 20"	9,000 at 2.5 gpm	10μ	2.0 psid at 2.0 gpm	20	16 x 13 x 22	36	16.33
30"	CB-25-3005	2.5" x 30"	15,000 at 3.0 gpm	5μ	3.0 psid at 3.0 gpm	12	12 x 10 x 31	38	17.23

4.5" DIAMETER SPECIFICATIONS									
	Part Number	Description	Chlorine Capacity* (GALLONS)	Micron Rating Nominal*	Initial ΔP (psi) at Flow Rate (gpm)	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SMCB-4510	4.5" x 9 7/8"	50,000 at 2.0 gpm	0.5 μ	4.6 psid at 2.0 gpm	9	15 x 15 x 11	31	14.06
	CB-45-1001	4.5" x 9 7/8"	20,000 at 2.5 gpm	1μ	7.0 psid at 2.5 gpm	9	15 x 15 x 11	31	14.06
	CB-45-1005	4.5" x 9 7/8"	12,000 at 3.5 gpm	5 μ	4.0 psid at 3.5 gpm	9	15 x 15 x 11	27	12.25
	CB-45-1010	4.5" x 9 7/8"	12,000 at 4.0 gpm	10 μ	4.0 psid at 4.0 gpm	9	15 x 15 x 12	24	10.89
20"	SMCB-4520	4.5" x 20"	100,000 at 2.6 gpm	0.5 μ	8.2 psid at 2.6 gpm	6	17 x 11 x 23	43	19.50
	CB-45-2001	4.5" x 20"	17,000 at 1.0 gpm	1μ	6.5 psid at 5.0 gpm	6	17 x 11 x 23	43	19.50
	CB-45-2005	4.5" x 20"	26,000 at 7.0 gpm	5 μ	4.5 psid at 7.0 gpm	6	17 x 11 x 23	38	17.24
	CB-45-2010	4.5" x 20"	26,000 at 8.0 gpm	10 μ	4.5 psid at 8.0 gpm	6	17 x 11 x 23	35	15.87

*Weights, chlorine capacity, micron rating, pressure drop, percent efficiency and initial ΔP (PSI) at flow rate tested by manufacturer and independent laboratory. Not performance tested or certified by NSF.
WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



CB SERIES

Carbon Block Filters
Data Sheet

Materials of Construction

Carbon:	Coconut shell	Inner wrap:	Polypropylene
End caps:	Polypropylene	Netting:	Polypropylene
Outer wrap:	Polypropylene	Gaskets:	Neoprene

Temperature Rating

40 °F to 180 °F (4.4 °C to 82.2 °C)

Pressure Rating

Maximum Operating Pressure:	250 psi (17 bar)
Maximum Differential Pressure:	100 psid (6.8 bar)
Collapse Pressure:	200 psid (13.8 bar)

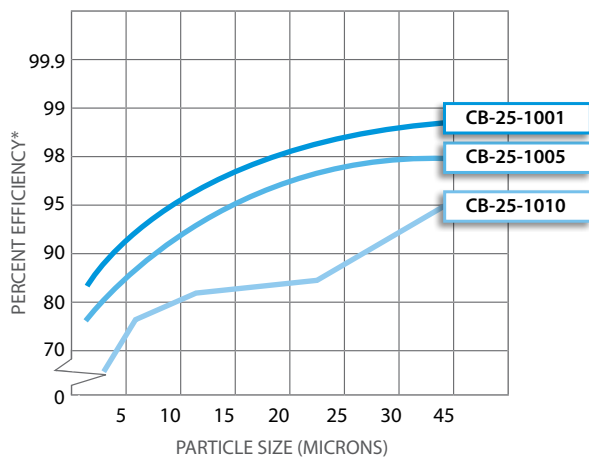
Maximum Flow Rates (gpm)

Microns	2.5" x 10"	2.5" x 20"	4.5" x 10"	4.5" x 20"
0.5	0.5	1	2	2.6
1	0.75	1.5	2.5	3
5	1	2	3.5	7
10	1	2	4	8

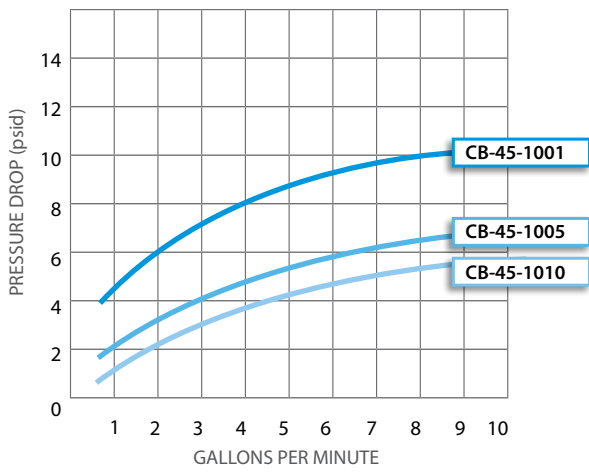
NOTE: Performance capacity depends on system design, flow rate and certain other application conditions. CB series cartridges will contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove all traces of the fines before using the water. You should run (flush) the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

NOTE: Micron ratings based on 85% or greater removal of given particle size.

2.5" Diameter x 9 7/8" Length



4.5" Diameter x 9 7/8" Length



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Manufactured by Hydronix Water Technology

SDP SERIES

Sediment Dual Purpose Cartridges
Data Sheet

SDP Series

Sediment Dual Purpose Cartridges

- ✓ Excellent for point-of-entry (POE) and other high flow rate applications.
- ✓ 2.5" x 10", 2.5" x 20", 4.5" x 10" and 4.5" x 20" available.
- ✓ Effective sediment, chlorine taste & odor reduction.
- ✓ Sediment and Carbon Dual Purpose Cartridge.



HYDRONIX SDP SERIES SEDIMENT DUAL PURPOSE CARTRIDGES

are ideal for Point of Entry and applications where a higher flow rate is needed. The radial flow design offers the benefit of granular activated carbon (GAC) filtration combined with outer and inner spun polypropylene filtration for reduced sediment and reduced carbon fines.

HYDRONIX SDP SERIES SEDIMENT DUAL PURPOSE CARTRIDGES

are constructed with a 25 micron polypropylene outer shell, polypropylene inner core and end caps. SDP Series cartridges offer lower pressure drop while reducing the release of carbon fines.

SDP SERIES SPECIFICATIONS				
	Part Number	Description	Volume	Weight
2 1/2"	SDP-2510	2 1/2" x 9 3/4" Sediment Dual Purpose Cartridge	25	21
	SDP-2520	2 1/2" x 20" Sediment Dual Purpose Cartridge	12	21
4 1/2"	SDP-4510	4 1/2" x 9 3/4" Sediment Dual Purpose Cartridge	12	24.5
	SDP-4520	4 1/2" x 20" Sediment Dual Purpose Cartridge	6	22

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE: The granular activated carbon cartridges will contain a very small amount of carbon fines (very refined black powder). After installation, a new cartridge should be flushed with sufficient water to remove all traces of the fines from your water system before using the water. Each time you use your filtered water tap for drinking or cooking purposes it is recommended that you run (flush) the tap for at least 20 seconds prior to using water. This is particularly important if the water tap has not been used daily.

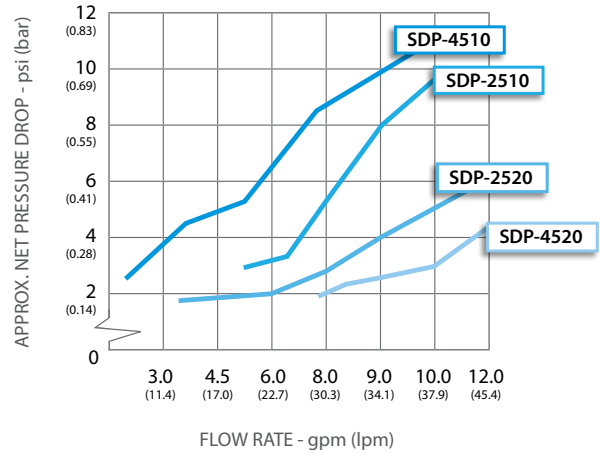
Materials of Construction

Filter Media:	Granular Activated Carbon
Outer Shell:	Polypropylene
End Caps:	Polypropylene
Inner Wraps-Core:	Polypropylene
Gasket:	Buna-N

Temperature Rating

Temperature Range: 40 °F to 125 °F (4.4 °C to 51.7 °C)

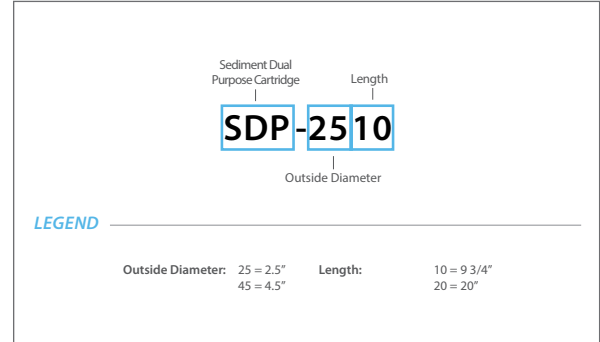
SDP SERIES - Flow Chart



SDP SERIES SPECIFICATIONS

Item Number	Initial ΔP (psi) at Flow Rate (gpm)	Chlorine Taste & Odor Reduction at Flow Rate
SDP-2510	.6 psi at 1 gpm (.04 bar at 3.8 L/min)	> 5,000 gallons at 1 gpm (18,927 liters at 3.8 L/min)
SDP-2520	.6 psi at 2 gpm (.04 bar at 7.6 L/min)	> 10,000 gallons at 2 gpm (37,854 liters at 7.6 L/min)
SDP-4510	.9 psi at 2 gpm (.06 bar at 7.6 L/min)	> 50,000 gallons at 2 gpm (189,270 liters at 7.6 L/min)
SDP-4520	.9 psi at 4 gpm (.06 bar at 15.1 L/min)	> 100,000 gallons at 4 gpm (378,541 liters at 15.2 L/min)

Model # Guide



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International: 1-954-570-3464

Manufactured by Hydronix Water Technology

DI SERIES

Deionization Filters
Data Sheet

DI Series Deionization Filters

- ✓ Up to 6,800 gallons of high purity water*
- ✓ Available in 2.5"x10", 2.5"x20", 4.5"x10", and 4.5"x20"
- ✓ Up to 18 megaohms for high purity water applications
- ✓ High purity water for washing, rinsing, scale control or as a final polishing filter.
- ✓ 4.5" x 20" Perfect for water stores, water stations, and bottlers



HYDRONIX DI SERIES FILTERS

are ideal for use in a variety of applications where high purity water is needed. DI Series Deionization filters provide a reliable solution for all of your high purity requirements in washing, rinsing, scale control and are excellent as a final polishing filter.

HYDRONIX DI SERIES FILTERS

are made with High Grade Mixed Bed Resin to ensure optimal performance, durability, and consistent high purity water. DI Series Deionization filters can be used in a wide range of applications where high purity water is required and offer a up to 6,800 gallons* of high purity water.

* Model DI-4520C @ 1.5gpm with 5ppm TDS inlet water.

INLINE DEIONIZATION (DI) RESIN FILTER - 2" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Qty	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	DI-2010C	2" X 10" Inline Deionization (DI) Resin Filter, Clear	25	14 x 14 x 12.75	25	11

DEIONIZATION (DI) RESIN FILTER - 2.5" & 4.5" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Qty	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	DI-2510C	2.5" X 10" Deionization (DI) Resin Filter, Clear	25	16.75 x 11.5 x 16.75	25	11
	DI-4510C	4.5" X 10" Deionization (DI) Resin Filter, Clear	12	18.5 x 11.25 x 14.25	25	11
20"	DI-2520C	2.5" X 20" Deionization (DI) Resin Filter, Clear	12	13 x 21.5 x 10	25	11
	DI-4520C	4.5" X 20" Deionization (DI) Resin Filter, Clear	6	14.25 x 21.5 x 10	25	11

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

PERFORMANCE SPECIFICATION							
	Part Number	Operating Flow Rate (gpm)	Maximum Flow Rate (gpm)	Total Capacity (Grains as CaCO ₃)	Estimated Gallons (220 ppm)	Estimated Gallons (5 ppm)	Typical Effluent (Resistivity)
10"	DI-2510C	0.2	0.3	450	33	1,320	14 - 18 MΩ-cm
	DI-2520C	0.2	0.6	900	66	2,640	14 - 18 MΩ-cm
20"	DI-4510C	0.5	0.8	1,050	75	3,000	14 - 18 MΩ-cm
	DI-4520C	0.5	1.5	2,350	170	6,800	14 - 18 MΩ-cm

Benefits

- Filters fit standard residential & commercial housings
- High grade resin for efficient performance
- Can be used for washing, rinsing, scale control, spot free water, consistent high purity water
- Easily connects to an existing RO system.

Materials of Construction

- Gasket: Buna-N
- End Caps: High Impact Polystyrene
- Pads: Polypropylene
- Body/Tube: Acrylonitrile Butadiene Styrene (ABS)
- Filter media: AQUATROL™ MB6040SG Resin

Operational Data

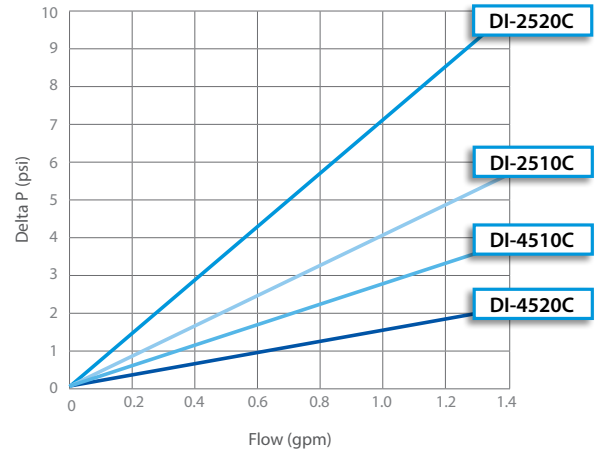
- Min. Pressure: 20 psi
- Max. Pressure: 125 psi
- Micron Rating: 25 μ

Temperature Rating

- 40 °F to 100 °F (4.4 °C to 38 °C)

DI SERIES DIMENSIONS		
Part Number	Diameter (in.)	Length (in.)
DI-2510C	2.5"	10"
DI-2520C	2.5"	20"
DI-4510C	4.5"	10"
DI-4520C	4.5"	20"

Mixed Bed Delta P



DI-2010C



DI-2510C



DI-4510C

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Manufactured by Hydronix Water Technology

ICF ALKALINE SERIES*Inline Filters
Data Sheet***ICF Alkaline Series**
Inline Filters

- ✓ Adds beneficial minerals back into water
- ✓ Increases alkalinity and negative ORP (Oxidation Reduction Potential)
- ✓ 2,000 gallon capacity

**ICF ALKALINE SERIES FILTERS**

produce perfectly ph balanced alkaline water, helping to minimize fluctuations in your normal pH. The Alkaline Series filters Increase the antioxidant level (negative ORP) in your water to neutralize free radicals and DNA damage. Unlike regular water which has a positive ORP which could create damaging free radicals in your body, the Alkaline Series filters increase negative ORP levels to provide you with water that acts as an antioxidant.

ICF ALKALINE SERIES FILTERS

increase the pH of drinking water from the tap to a range of about 8.5 to 10 (alkaline). There are many health benefits attributed to raising the pH level in the body and obtain a more alkaline state that optimizes the body's health. The Alkaline Filters add beneficial Calcium and Magnesium to the water while also increasing the water's ORP (antioxidant level).

ICF ALKALINE SERIES FILTERS

help change acidic RO water into a perfect natural alkali calcium ionized water by adding back into the water essential and beneficial elements such as ionized calcium, magnesium, sodium and potassium.

ALKALINE/ORP FILTER - 2.5" DIAMETER SPECIFICATIONS

Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
ICF-2512-ALK	Inline Alkaline/ORP Filter: 2,000 GAL, 2.5" X 12", 1/4" FNPT	25	13 x 12 x 13.25	50	22.73

ICF ALKALINE SERIES

Inline Filters
Data Sheet

Benefits

- Increases the pH to 8.5 – 10
- Increases the negative ORP in your water
- Increases the alkalinity
- Adds beneficial minerals back into the water
- Easily connects to an existing RO system.

Multi Stage Bio Ceramic Alkaline Filter

- D600 Anti-oxidant Mineral Spheres
- Bio Ceramic Alkalizer
- ORP Mineral Stones
- D300 Alkalizing Bio Tablets
- Mineral Balls

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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Manufactured by Hydronix Water Technology

Bio Ceramic Alkaline Filter

Service Life	1 yr or 2,000 gal (7,570 L)
Maximum Flow	.50 GPM (1.9 LPM)
Maximum Pressure	125 PSI (8.6 BAR)
Maximum Temperature	100°F (38°C)
Minimum Temperature	35°F (2°C)



ICF-2512-ALK

ICF CALCITE SERIES

Inline Filters
Data Sheet

ICF Calcite Series Inline Filters

- ✓ Superior design to minimize channeling
- ✓ Neutralize Acidic or Low PH water
- ✓ Premium Calcite material
- ✓ 1/4" quick connections



ICF CALCITE SERIES FILTERS

utilize a naturally occurring calcium carbonate media that has self-limiting properties. When properly applied, ICF-CAL10Q inline filters correct the pH in water only enough to reach a non-corrosive equilibrium. It does not over-correct under normal conditions. ICF-CAL10Q process water so that upon contact with the specially processed calcite media, acidic waters (i.e. Reverse Osmosis) slowly dissolves the calcium carbonate to raise the pH.

ICF CALCITE SERIES FILTERS

offer a safe, cost effective solution to acidic water and raise pH levels without employing costly medias. Calcite is safe to use in drinking water applications and offer a viable alternative to you acidic water needs.

CALCITE FILTER - 2" DIAMETER SPECIFICATIONS						
Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)	
ICF-CAL10Q	Calcite Inline Filter: 2" x 10", 1/4" Hydrofit™ QC	25	10.5 x 11 x 11	27.5	12.47	

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

ACIDIC / LOW PH WATER CORRECTION	
Coconut Shell Carbon	
Service Life	6 mo or 1200 gal (4543 L)
Maximum Flow	.50 gpm (1.9 lpm)
Maximum Pressure	125 psi (8.6 bar)
Maximum Temperature	100 °F (38 °C)
Minimum Temperature	35 °F (2 °C)

Materials of Construction

Shell:	Polypropylene
Media:	Calcite
Inner Pads:	Polypropylene

Available Port Sizes

- 1/4" Quick Connect

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Manufactured by Hydronix Water Technology

ICF/ISF SERIESInline Filters
Data Sheet**ICF/ISF Series**

Inline Filters

- ✓ Superior spring design to minimize channeling
- ✓ 1/4", 3/8" Female NPT and quick connections
- ✓ Sediment and coconut shell carbon

**ICF/ISF FILTER**

utilize NSF listed coconut shell GAC and are designed to remove unpleasant taste and odor and reduce sediment to produce cleaner, clearer, better tasting water. ICF Series Granular Activated Carbon Filters are easily installed on the water line to an automatic ice maker, Reverse Osmosis System or water dispensing system.



Tested and certified by NSF International to ANSI/NSF Standard 42 for material requirements only.

* For the complete list of our NSF Certified products, please visit the H2O International USA page on the official NSF website: www.nsf.org/certified-products-systems

2" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
6"	ICF-6	NSF Inline Coconut Filter: 1,000 Gallon, 2" x 6", 1/4" FNPT	50	12.5 x 11 x 11	18	8.16
	ICF-6Q	Inline Coconut Filter: 1,000 Gallon, 2" x 6", 1/4" Hydrofit™ QC	50	12.5 x 11 x 11	18	8.16
	ICF-6Q38	Inline Coconut Filter: 1,000 Gallon, 2" x 6", 3/8" Hydrofit™ QC	50	12.5 x 11 x 11	18	8.16
10"	ICF-10	NSF Inline Coconut Filter: 2,000 Gallon, 2" x 10", 1/4" FNPT	25	10.5 x 10.5 x 11	17	7.71
	ICF-10Q	Inline Coconut Filter: 2,000 Gallon, 2" x 10", 1/4" Hydrofit™ QC	25	11.5 x 10.5 x 10.5	17	7.71
	ICF-10Q38	Inline Coconut Filter: 2,000 Gallon, 2" x 10", 3/8" Hydrofit™ QC	25	10.5 x 11 x 11	17	7.71
	ISF-10	Inline Sediment Filter: 2" x 10", 1/4" FNPT	25	10.5 x 10.5 x 11	12	5.44
	ISF-10Q	Inline Sediment Filter: 2" x 10", 1/4" FNPT Hydrofit™ QC	25	11.5 x 10.5 x 10.5	12	5.44

2.5" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
12"	ICF-2512	NSF Inline Coconut Filter: 3,500 Gallon, 2.5" x 12", 1/4" FNPT	25	13.25 x 11.75 x 13.5	26	11.79
	ICF-2512Q	Inline Coconut Filter: 3,500 Gallon, 2.5" x 12", 1/4" Hydrofit™ QC	25	13 x 12.5 x 13.5	27	12.25
	ISF-2512	Inline Sediment Filter: 2.5" x 12", 1/4" FNPT	25	13.25 x 11.75 x 13.5	19	8.62
	ISF-2512Q	Inline Sediment Filter: 2.5" x 12", 1/4" Hydrofit™ QC	25	13.25 x 12.25 x 13.5	20	9.07

Available Port Sizes: 1/4" Female NPT Basic; 1/4" Hydrofit™ Quick Connect; and 3/8" Hydrofit™ Quick Connect.

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



ICF/ISF SERIES

Inline Filters
Data Sheet



ICF-10



ISF-10

Chlorine Taste & Odor Reduction - ICF-10 | ICF-10Q | ICF-10Q38

Coconut Shell Carbon	
Service Life	1 yr or 2000 gal (7570 L)
Maximum Flow	.50 gpm (1.9 lpm)
Maximum Pressure	125 psi (8.6 bar)
Maximum Temperature	100 °F (38 °C)
Minimum Temperature	35 °F (2 °C)

Materials of Construction

Shell:	Polypropylene
Media:	Coconut Shell Carbon
Inner Pads:	Polypropylene

Available Port Sizes

- 1/4" Female NPT Basic
- 3/8" Female NPT Basic
- 1/4" Quick Connect
- 3/8" Quick Connect

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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Manufactured by Hydronix Water Technology

Dirt & Sand Reduction - ISF-10 | ISF-10Q

Service Life:	Applications vary
Maximum Flow:	.50 gpm (1.9 lpm)
Maximum Pressure:	125 psi (8.6 bar)
Maximum Temp:	100 °F (38 °C)
Minimum Temp:	35 °F (2 °C)
Micron Rating:	5M

Materials of Construction

Shell:	Polypropylene
Media:	Polypropylene

Applications

- Ice makers
- Reverse osmosis systems
- Water Coolers
- Coffee makers
- Refrigerators

UDF SERIES

GAC / Carbon / Media Filter
Data Sheet

UDF Series

GAC / Carbon / Media Filter

- ✓ KDF, Carbon & Cation Resin options
- ✓ Taste, odor and chlorine reduction
- ✓ Available in a variety of sizes
- ✓ High flow design



UDF SERIES GAC / CARBON / MEDIA FILTERS

are available in 10", 20" lengths, 2.5", 4.5" diameters. UDF filters utilize high quality coconut shell carbon, resin and /or KDF (known to be one of the most effective media for removal of organic compounds including VOCs, radon, chlorine, bad taste and odor). The UDF Series GAC / Carbon / Media Filters combine both quality and reliability at a competitive cost.

2.5" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Qty	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	UDF-10	10" GAC, Coconut Shell Carbon	25	14 x 14 x 11	24	10.89
	UDF-10PF	10" GAC, Coconut Shell Carbon with Prefilter	25	14 x 14 x 11	24	10.89
	UDF-10C100E	10" Cation Softening Resin	25	14 x 14 x 11	27	12.25
	UDF-10KDF.5	10" GAC + 1/2 lbs KDF	25	14 x 14 x 11	35	15.88
	UDF-10KDF1	10" GAC + 1 lbs KDF	25	14 x 14 x 11	47	21.32
	UDF-10KDF2	10" GAC + 2 lbs KDF	25	14 x 14 x 11	67	30.39
	UDF-10KDF4	10" ALL 4 lbs KDF	25	14 x 14 x 11	105	47.63
20"	UDF-20	20" GAC, Coconut Shell Carbon	12	14 x 9.5 x 21	27	12.25
	UDF-20C200E	20" Cation Softening Resin	12	14 x 9.5 x 21	43	19.5

4.5" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Qty	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	UDF-10BP	10" GAC, Coconut Shell Carbon	12	17 x 17 x 11	20	9.07
20"	UDF-20BP	20" GAC, Coconut Shell Carbon	6	14 x 9.5 x 21	33	14.96

UDF SERIES

GAC / Carbon / Media Filter
Data Sheet

Features & Benefits

- Durable Construction
- Excellent Flow Rate
- Pre/Post Filter Media

Materials of Construction

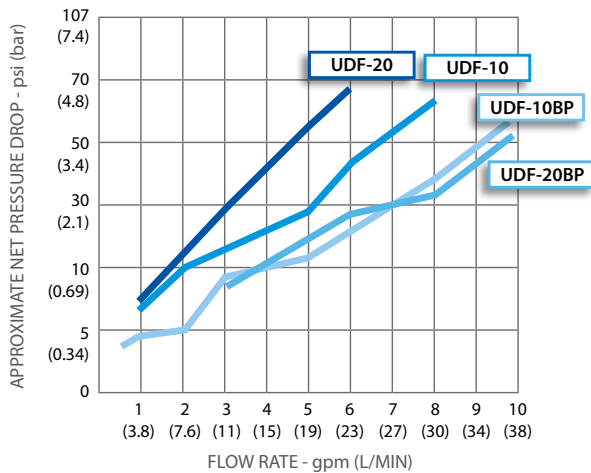
Filter Media:	Granular Activated Carbon
End Caps:	High Impact
Body:	Polystyrene (Hips)
Gasket:	Buna-N

Operating Data

40 °F to 125 °F (4.4 °C to 51.7 °C)
Min. Working Pressure: 20 psi
Max. Working Pressure: 125 psi



UDF Series GAC / Carbon / Media Filter



WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE: A drinking water cartridge may contain carbon fines (very fine black powder). After installation and before using water, follow the instructions for flushing the cartridge to remove fines.

NOTE: It is recommended that you flush for 20 seconds prior to using the water for drinking or cooking purposes.

NOTE: Chlorine reduction is the estimate of capacity using 2 ppm free available chlorine (FAC) at continuous flow greater than 75% reduction.

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UDF-ALK SERIESAlkaline Filters
Data Sheet**UDF-ALK Series**
Alkaline Filters

- ✓ 12,000 gallon capacity*
- ✓ Increases alkalinity and negative ORP (Oxidation Reduction Potential)
- ✓ Adds beneficial minerals back into water
- ✓ 4.5" x 20" Perfect for water stores, water stations and bottlers

**UDF-ALK SERIES FILTERS**

produce perfectly ph balanced alkaline water, helping to minimize fluctuations in your normal pH. DF-ALK Series filters increase the antioxidant level (negative ORP) in your water to neu-tralize free radicals and DNA damage. Unlike regular water which has a positive ORP which could create damaging free radicals in your body, UDF-ALK Series filters increase negative ORP levels to provide you with water that acts as an antioxidant.

UDF-ALK SERIES FILTERS

increase the pH of drinking water from the tap to a range of about 8.5 to 10 (alkaline). There are many health benefits attributed to raising the pH level in the body and obtain a more alkaline state that optimizes the body's health. UDF-ALK add beneficial Calcium and Magnesium to the water while also increasing the water's ORP (antioxidant level).

UDF-ALK SERIES FILTERS

help change acidic RO water into a perfect natural alkali calcium ionized water by adding back into the water essential and beneficial elements such as ionized calcium, magnesium, sodium and potassium.

ALKALINE / ORP - 2.5 & 4.5" DIAMETER SPECIFICATIONS						
	Part Number	Description	Case Qty	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	UDF-10-ALK	2.5"x 10"GAC, Coconut Shell Carbon, Alkaline / ORP	25	17 x 17 x 11	35	15.88
	UDF-10BP-ALK	4.5"x 10"GAC, Coconut Shell Carbon, Alkaline / ORP	8	19 x 10 x 11	32	15.88
20"	UDF-20-ALK	2.5"x 20"GAC, Coconut Shell Carbon, Alkaline / ORP	12	11 x 11 x 22	52	23.58
	UDF-20BP-ALK	4.5"x 20"GAC, Coconut Shell Carbon, Alkaline / ORP	4	10.5 x 10.5 x 21	33	14.96

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

UDF-ALK SERIES

Alkaline Filters
Data Sheet

Benefits

- Increases the pH to 8.5 – 10
- Increases the negative ORP in your water
- Increases the alkalinity
- Adds beneficial minerals back into the water
- Easily connects to an existing RO system.

Multi Stage Bio Ceramic Alkaline Filter

- D600 Anti-oxidant Mineral Spheres
- Bio Ceramic Alkalizer
- ORP Mineral Stones
- D300 Alkalizing Bio Tablets
- Mineral Balls

BIO CERAMIC ALKALINE FILTER – UDF-10-ALK	
Service Life	12,000 gal (45,424 L)
Maximum Pressure	125 psi (8.6 bar)
Maximum Temperature	105° F (40.5° C)
Minimum Temperature	40° F (4.4° C)



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