

Section 3



Filter Cartridges



Filter cartridge selection guide

Type	Primary applications	Primary advantages	Pg.
Activated carbon (solid block)	Chlorine taste & odor reduction	Superior performance; long life	42
Activated carbon + lead	Chlorine, lead & cysts reduction	Effective; long life	43
Activated carbon + VOC	Chlorine & VOC reduction	Effective; long life	43
Activated carbon, GAC	Chlorine taste & odor reduction	Low cost carbon treatment	44
GAC	Chlorine taste & odor reduction	Low cost	44
Pleated, synthetic media	Drinking, commercial water	More filter area; reusable (5 mic. up)	54
Pleated, absolute rated	Drinking water; critical filtration	High efficiency	59
Pleated, high purity	DI water for spot free rinse	Non-leaching (100% polypro)	59
Membrane cartridges	High efficiency filtration	High performance	61
Melt blown, polypro	Drinking, commercial water	Low cost; chemical resistance	62
Wound, polypro	Drinking, commercial water	Low cost; chemical resistance	65
Wound, with SS tubes	High temperatures	Low cost high temp. cartridge	65
Phenolic Imp. Cellulose	Oils; high temp. commercial water	Rated to 250°F; highly effective	66
Stainless steel	Aggressive chemicals; high temp.	Cleanable and reusable	67
Oil removal	Environmental projects	Removes oil in a single pass	68
Mixed bed DI	High purity water to lower pH	Low cost way to lower pH	45
Cation resin	Pre RO to soften water	Low cost way to soften water	45
Nitrate Selective	Drinking water, nitrate reduction	Highly effective	45
Calcite	Post RO to raise TDS	Low cost way to raise TDS	45
KDF85 + carbon	Drinking water	Reduces Hydrogen Sulfide & Iron	46
KDF55 + carbon	Drinking water	Enhanced chlorine reduction	46
Arsenic	Drinking water to reduce arsenic	Highly effective	47
Activated Alumna	Drinking water (fluoride reduction)	Highly effective	47
Iron reduction cartridge	Whole house water treatment	Removes dissolved iron (to 3 ppm)	47
In-line filters	Pre & post RO; ice makers	Easy installation; low cost	48
Aftermarket	Replacements for others mfgs.	Low cost	50
ELF filters	Food service	High capacity and long life	51
Shower	Chlorine reduction	Dial-A-Date replacement reminder	52

C-MAX[®] Extruded Carbon Filter Cartridges

Full line of solid block activated carbon cartridges for water treatment.



Standard cartridges



Full-Flow(B-B)

Full product line with color coded end caps to indicate cartridge type



MAX-ETW



MAX-S



MAX-CYST



MAX-VOC



MAX-T



MAX-PB



MAX-CL

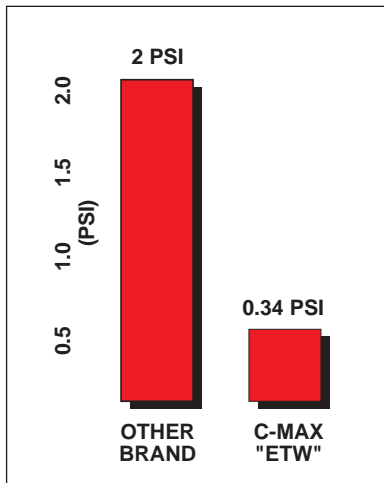
Cartridge selection guide

Cartridge type	Wall	Carbon Type	Micron	Particle Size	Very High Sediment Removal	Very High Chlorine Reduction	Cysts	VOCs	Lead
MAX-ETW	Thick	Bituminous	5	Medium					
MAX-S	Thick	Coconut shell	5	Medium	•				
MAX-CYST	Thick	Bituminous	0.5	Fine			•		
MAX-VOC	Thick	Coconut shell	0.5	Fine			•	•	
MAX-T	Thick	Coconut shell	5	Medium					
MAX-PB	Thick	Coconut shell	0.5	Fine			•		•
MAX-CL	Thick	Bituminous	0.5	Fine		•			



C-MAX[®] carbon block cartridges are tested and certified by NSF International under NSF / ANSI Standard 42 for materials only. Performance claims are supported by company test results.

Note: C-MAX cartridges are rated for temperatures to 165°F (74°C).



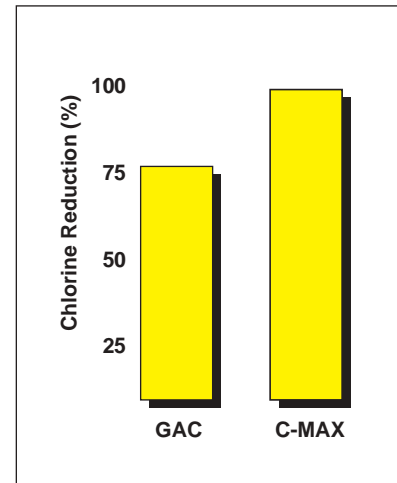
Low Pressure Drop

The chart above compares the pressure drop of MAXETW cartridges to another well known brand. This data demonstrates flow restrictions are dramatically reduced using MAXETW cartridges and not all carbon block cartridges perform the same.



C-MAX®

Your best choice when both price and performance are required!



High Chlorine Reduction

Chlorine reduction with MAXETW carbon block cartridges is dramatically greater than other cartridge types, including granular activated carbon cartridges. The above data is typical for GAC and C-MAX cartridges during their usable life.

MAX-ETW, Economical, thick wall carbon block cartridges for Chlorine taste and odor

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXETW-975	Thick Wall	2-7/8"	9-3/4"	5 nominal	3,000 gallons	12
MAXETW-20	Thick Wall	2-7/8"	20"	5 nominal	6,000 gallons	6
MAXETW-30	Thick Wall	2-7/8"	30"	5 nominal	9,000 gallons	6
MAXETW-40	Thick Wall	2-7/8"	40"	5 nominal	12,000 gallons	6
MAXETW-FF975	Thick Wall	4-5/8"	9-3/4"	5 nominal	11,000 gallons	4
MAXETW-FF20	Thick Wall	4-5/8"	20"	5 nominal	20,000 gallons	6

MAX-S, Thick wall coconut shell carbon block cartridges for high dirt holding capacity

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXS-975	Thick Wall	2-7/8"	9-3/4"	5 nominal	6,000 gallons	12
MAXS-20	Thick Wall	2-7/8"	20"	5 nominal	12,000 gallons	6
MAXS-FF975	Thick Wall	4-5/8"	9-3/4"	5 nominal	22,000 gallons	4
MAXS-FF20	Thick Wall	4-5/8"	20"	5 nominal	40,000 gallons	6

MAX-CYST, Thick wall carbon block cartridges for fine particles, cyst reduction & extended Chlorine taste & odor reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXCYST-975	Long life + cysts	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXCYST-20	Long life + cysts	2-7/8"	20"	0.5 nominal	45,000 gallons	6
MAXCYST-FF975	Long life + cysts	4-5/8"	9-3/4"	0.5 nominal	50,000 gallons	4
MAXCYST-FF20	Long life + cysts	4-5/8"	20"	0.5 nominal	150,000 gallons	6

C-MAX[®] Extruded Carbon Filter Cartridges

Full line of solid block activated carbon cartridges for water treatment.

MAX-VOC, Coconut shell carbon block cartridges for reduction of VOC's, cysts and extended Chlorine taste and odor reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXVOC-975	Water washed	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXVOC-20	Water washed	2-7/8"	20"	0.5 nominal	40,000 gallons	6
MAXVOC-FF975	Water washed	4-5/8"	9-3/4"	0.5 nominal	50,000 gallons	4
MAXVOC-FF20	Water washed	4-5/8"	20"	0.5 nominal	150,000 gallons	6

MAX-T, Acid washed coconut shell carbon block cartridges for RO post treatment and improved, sweeter taste

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXT-975	Acid washed	2-7/8"	9-3/4"	5 nominal	5,000 gallons	12
MAXT-20	Acid washed	2-7/8"	20"	5 nominal	10,000 gallons	6
MAXT-FF975	Acid washed	4-5/8"	9-3/4"	5 nominal	18,000 gallons	4
MAXT-FF20	Acid washed	4-5/8"	20"	5 nominal	32,000 gallons	6

MAX-PB, Coconut shell carbon block cartridges for Lead and cyst reduction

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXPB-975	Lead + cysts	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXPB-20	Lead + cysts	2-7/8"	20"	0.5 nominal	40,000 gallons	6
MAXPB-FF975	Lead + cysts	4-5/8"	9-3/4"	0.5 nominal	50,000 gallons	4
MAXPB-FF20	Lead + cysts	4-5/8"	20"	0.5 nominal	150,000 gallons	6

MAX-CL, Thick wall carbon block for long life and high chlorine reduction. Reduces tastes, odors, fine particles. The best choice when a "super chlorine guzzler" is needed!

Part Number	Type	OD	Length	Micron Rating	Chlorine Reduction	No. / Case
MAXCL-975	Thick Wall	2-7/8"	9-3/4"	0.5 nominal	20,000 gallons	12
MAXCL-20	Thick Wall	2-7/8"	20"	0.5 nominal	45,000 gallons	6
MAXCL-FF975	Thick Wall	4-5/8"	9-3/4"	0.5 nominal	70,000 gallons	4
MAXCL-FF20	Thick Wall	4-5/8"	20"	0.5 nominal	150,000 gallons	6

Premium quality and economically priced C-Max[®] cartridges are in stock for immediate shipment!

GAC filter cartridges

Full line, including standard GAC, GAC with KDF and Silver impregnated GAC.



GAC cartridge specifications

Media	Water washed coconut shell activated carbon
Cartridge body	NSF listed polypropylene
Minimum / maximum working pressure	20 psi / 125 psi
Minimum / maximum temperature	40° F / 100° F (4° C / 38°C)
Maximum flow rate	1 GPM, std. 9-3/4"; 3 GPM, 4.5"x9-3/4"; 5 GPM 4.5"x20"

Water washed coconut shell granular activated carbon cartridges (GAC)

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
GAC10N	GAC	2-3/4"	9-3/4"	2,500	24
GAC20NRW	GAC	2-3/4"	20"	5,000	24
GAC-BB10	GAC	4-1/2"	9-3/4"	7,500	8
GAC-BB20	GAC	4-1/2"	20"	15,000	4

GAC + KDF 55 for longer life and enhanced performance for municipal water

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
GAC10N/KDF	GAC + KDF55	2-3/4"	9-3/4"	2,500	24
GAC-BB10K/900	GAC + KDF55	4-1/2"	9-3/4"	10,000	8
GAC-BB20K/1800	GAC + KDF55	4-1/2"	20"	20,000	4

GAC + KDF85 for longer life and enhanced performance for well water

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
FPKDF85-975	GAC + KDF 85	2-3/4"	9-3/4"	2,500	24
FPKDF85-BB-975	GAC + KDF 85	4-1/2"	9-3/4"	10,000	8
FPKDF85-BB-20	GAC + KDF 85	4-1/2"	20"	20,000	4

GAC + Silver

Part Number	Type	O.D.	Length	Capacity (gals.)	No. / case
GAC10S	GAC + Silver	2-3/4"	9-3/4"	2,500	24

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