

## LAKOTA SYSTEM SELECTION GUIDE

There are three basic systems: the standard under-counter (**UC**), the add-on option to the UC (**OP**), and the whole house filter (**WH**). LSI can use any combination of ten different media and filter types. Use the chart below to make the best selection for your situation. Std=comes standard, Opt=select option

	MEDIA OR FILTER TYPE	UC	OP	WH
1	<b>Oxidation-Reduction media</b> Transfers electrons to free chlorine, chloramine, and some heavy metals in solution to either chemically reduce them (put into a lower oxidation state) or have them adhere to the surface of the media rendering them harmless. Bacteriostatic agent prevents growth of bacteria within unit.	Std		
2	<b>Activated Bituminous Carbon</b> Used for the adsorption of high molecular weight toxic chemicals such as pharmaceuticals, agricultural herbicides and pesticides such as Atrazine, Glyphosate, Chlorpyrifos, etc.	Std		
3	<b>Co-Co nut shell derived activated carbon</b> Used for the adsorption of low molecular weight chemicals and toxics such as trihalomethanes from surface water, solvents from industries. Put into a one micron extruded block for filtration of giardia, cryptosporidium and micro-plastics..	Std	Opt	Opt
4	<b>Metsorb</b> Specialized media used for the removal of dissolved lead, mercury, chromium-6, arsenic and fluoride.	Std	Opt	Opt
5	<b>IX Resin-900</b> Special media for the removal of fluoride. Also removes heavy metals and arsenic		Opt	Opt
6	<b>IX Resin-100</b> Specialized ion exchange media for the removal of nitrate and nitrite		Opt	Opt
7	<b>Catalytic carbon</b> A special activated carbon used for the removal of hydrogen sulfide (rotten egg smell in some well and mineral spring water) and chloramine		Opt	Opt
8	<b>Sediment filtration</b> Graded density polypropylene filters for the removal of particulates, microplastics, giardia, cryptosporidium and fine sediment. Available in .5, 1, 5 and 10 micron filtration.	Std	Opt	Opt
9	<b>Ceramic cartridge</b> 0.2 micron ceramic filter for the removal of microbiological contaminants. 99.99% removal of E-coli, Cholera, Salmonella, Guinea worm, Shigella Dysentery, Giardia, Cryptosporidium		Opt	
10	<b>IX Resin #3695</b> Specialty resin for the removal of arsenic at low pH.		Opt	

Prices: UC...\$280    OP...\$150    WH...\$600    UC+OP...\$390    UC+WH...\$790    UC+WH+OP...\$890

Call for help in making your selection, we have a chemist and microbiologist on staff. 800-945-5782



UC



OP



WH