

# APPENDIX C

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## Filterra System Plant Selection List





<b>Common Name</b> <i>Latin Name</i>	<b>Hardy Range</b>	<b>Height (ft)</b>	<b>Spread (ft)</b>	<b>Sun</b>
Crabapple <i>Malus</i> , 'Adirondack' 'Donald Wyman' 'Golden Raindrops' 'Prairefire' 'Red Barron' 'Sugar Tyme' 'Zumi'	4A-8A	15-20	15	Partial Shade to Full Sun
Crape Myrtle <i>Lagerstroemia indica</i>	7A-9A	15-25	15-25	Full Sun
Crape Myrtle x <i>Lagerstroemia</i> x, 'Tuscarora' 'Tuskegee' 'Acoma'	7A-9A	15-25	15-25	Full Sun
Dogwood, Flowering <i>Cornus florida</i>	5A-8A	15-20	15-20	Partial Shade to Full Sun
Dogwood, Kousa <i>Cornus kousa</i> , 'Greensleeves' 'Heart Throb' 'Summer Gold'	5A-8A	15-20	15-20	Partial Shade to Full Sun
Dogwood, Silky <i>Cornus amomum</i>	4B-8A	8-10	8-15	Full Shade to Full Sun
Elderberry, American <i>Sambucus canadensis</i>	4A-9B	10-15	6-10	Full Sun

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Euonymus, Tree Form Dwarf Winged <i>Alatus 'compactus'</i>	4B -8B	8-10	4-6	Partial Shade to Full Sun
Franklin Tree <i>Franklinia alatamaha</i>	5A-8A	15-25	10-15	Partial Shade to Full Sun
Fringe Tree, Chinese <i>Chionanthus retusus</i>	5B-9A	15-25	10-15	Full Shade to Full Sun
Fringe Tree, White <i>Chionanthus virginicus</i>	4A-9A	15-25	10-15	Full Shade to Full Sun
Glorybower, Harlequin <i>Clerodendrum trichotomum</i>	6A-11	10-15	6-10	Full Sun
Hawthorn, 'Crusader' Tree Form <i>Crataegus crus-galli inermis</i> 'Cruzam'	4A-7A	15	10-15	Full Sun
Hawthorn, Washington <i>Crataegus phaenopyrum</i>	4A-8A	15-25	15-25	Full Sun
Hawthorn, Green <i>Crataegus viridis 'Winter King'</i>	4A-7A	15-25	25-35	Full Sun
Holly, Winterberry <i>Ilex verticillata</i>	3B-9A	6-10	8-15	Partial Shade to Full Sun
Hydrangea, Tree Form <i>Hydrangea paniculata "Limelight"</i>	3B-8B	6-8	6-8	Partial Shade to Full Sun

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Hydrangea, Tree Form <i>Hydrangea paniculata</i> "Tardiva"	4A-8A	6-8	6-8	Partial Shade to Full Sun
Japanese Snowbell <i>Styrax japonicus</i> 'Snow Charm' 'Pink Chimes'	5B-8A	15-20	15-20	Partial Shade to Full Sun
Lilac, Dwarf <i>Syringa meyeri</i>	3B-8A	5-8	8-10	Full Sun
Locust, Dwarf Twisty Baby Tree Form <i>Robinia pseudoacacia</i> "Lace Lady"	4A-9A	8-10	8-10	Partial Shade to Full Sun
Magnolia, Galaxy <i>Magnolia</i> 'Galaxy'	5A-8B	15-20	15-25	Partial Shade to Full Sun
Magnolia, Saucer <i>Magnolia x soulangiana</i>	5A-9A	15-25	15-25	Partial Shade to Full Sun
Magnolia, Star <i>Magnolia stellata</i>	5A-8A	15-25	10-15	Partial Shade to Full Sun
Maple, Amur <i>Acer ginnala</i> 'Flame'	3A-8A	15-25	15-25	Full Shade to Full Sun
Maple, Japanese <i>Acer palmatum</i> 'Autumn Glory' 'Bloodgood' 'Moonfire' 'Katsura'	5B-8A	15-25	15-25	Full Shade to Full Sun

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Mountain Ash, Red Cascade <i>Sorbus americana</i> ‘Dwarfcrowm’	3A-7A	18	8	Full Sun
Ninebark <i>Physocarpus opulifolius</i> ‘Diabolo’	3A-7A	6-8	8-10	Full Sun
Plum, Purpleleaf <i>Prunus cerasifera</i> , “Thundercloud” “Krauter Vesuvius” “Newport “	5B-8A	15-25	15-25	Full Sun to Partial Shade
Rose-of-Sharon <i>Hibiscus syriacus</i>	5B-9A	10-15	6-10	Partial Shade to Full Sun
Redbud, Chinese <i>Cercis chinensis</i>	6B-8A	8-12	8-12	Partial Shade to Full Sun
Redbud, Eastern <i>Cercis Canadensis</i> ‘Forest Pansy’	4B-9A	15-25	15-25	Partial Shade to Full Sun
Redbud, Western <i>Cercis occidentalis</i>	5A-9A	8-20’	10+	Partial Shade to Full Sun
Serviceberry <i>Amelanchier x grandiflora</i>	4A-7A	15-25	15-25	Partial Shade to Full Sun
Smoketree <i>Cotinus coggygria</i>	5B-8A	10-15	10-15	Full Sun
Sugar Bush, Sugar Sumac <i>Rhus ovata</i>	8A-11	8-15	10	Partial Shade to Full Sun

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Sweetshrub <i>Calycanthus floridus</i>	5B-10A	6-10	10-12	Full Shade to Full Sun
Viburnum, Arrowwood <i>Viburnum dentatum</i>	2B-8B	5-15	5-12	Full Shade to Full Sun
Viburnum x Burkwoodii <i>Viburnum dentatum</i>	4B-8A	8-12	5-8	Part Shade to Full Sun
Viburnum, Snowball-Tree Form <i>Viburnum opulus "Sterile"</i>	3B-8A	8-12	10-15	Part Shade to Full Sun
Viburnum, European Cranberry Bush <i>Viburnum opulus</i>	3B-8A	8-12	10-15	Part Shade to Full Sun
Willow, Dappled-Tree Form <i>Salix integra, "Hakuro Nishiki"</i>	5A-9A	15	15	Partial Sun to Full Sun
<b><i>Plant Type: Evergreen small trees and shrubs</i></b>				
Camellia, Japanese <i>Camellia japonica</i>	7A-9A	10-15	6-10	Partial Shade to Full Sun
Ceanothus, Blue Blossom <i>Ceanothus thyrsiflorus</i>	7B-9B	6-12	6-12	Partial Shade to Full Sun
Dogwood, Kousa var. angustata <i>Cornus augustata, 'Empress of China'</i>	5A-8A	15-18	12-15	Partial Shade to Full Sun
Euonymus, Chollipo <i>Euonymus japonicus 'Chollipo'</i>	6B-7B	12	6	Partial Shade to Full Sun



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Hawthorn, Indian <i>Raphiolepis indica</i>	8A-11	4-10	3-10	Partial Shade to Full Sun
Heavenly Bamboo <i>Nandina domestica</i>	6B-9B	6-10	1-3	Partial Shade to Full Sun
Holly, Foster's <i>Ilex x attenuata 'Fosteri'</i>	6A-9A	20-25	6-10	Part Shade to Full Sun
Holly, Inkberry <i>Ilex glabra</i>	5A-10A	6-10	6-10	Part Shade to Full Sun
Holly, Japanese <i>Ilex crenata 'Sky Pencil'</i>	6A-8B	8-12	2-3	Partial Shade to Full Sun
Holly, Meserve <i>Ilex meserveae</i>	6A-8A	8-10	8-10	Partial Shade to Full Sun
Holly, Nellie Stevens <i>Ilex x</i>	6A-9A	15-25	6-10	Partial Shade to Full Sun
Holly, San Jose <i>Ilex x aquipernyi</i>	5B-9A	15-20	10-15	Full Shade to Full Sun
Holly, Yaupon <i>Ilex vomitoria</i>	7A-10A	15-18	10-15	Full Shade to Full Sun
Japanese Privet <i>Ligustrum japonicum</i>	7B-10B	12-18	15-25	Partial Shade to Full Sun

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Manzanita, Hairy <i>Arctostaphylos columbiana</i>	7B-10B	10	10	Partial Shade to Full Sun
Mock Orange <i>Pittosporum tobira</i>	8A-11	6-10	10-15	Partial Shade to Full Sun
Photinia, Chinese <i>Photinia serrulata</i>	6B-10A	15-25	15-25	Full Sun
Wax Myrtle, Pacific <i>Myrica californica</i>	7B-11	15-25	15-25	Partial Shade to Full Sun
Wax Myrtle, Southern <i>Myrica cerifera</i>	7B-11	15-25	15-25	Partial Shade to Full Sun

The Filterra® standard sized box accommodates 5 to 15 gallon root zone. Street trees will require deeper boxes. Modified custom boxes can be manufactured at an additional cost.

The species listed are drought tolerant and have applicability to bioretention due to shallow root zones.

This list is subject to availability and we reserve the right to make appropriate substitutions when necessary. For species not listed, please contact for suitability.

Each Filterra® unit must receive adequate irrigation to ensure survival of the living system during periods of drier weather. This may be achieved through a piped system, gutter flow or through the tree grate. In common with all plants, each Filterra plant will require more frequent watering during the establishment period.

Trees must have a single trunk at installation, and pruning will be necessary during maintenance for some of the faster growing species, or species known to produce basal sprouts.