Model	Outside Dimensions Required for the unit (ft x ft)	Water Quality Flow Rate 80% Removal 100 µm (cfs)	Maximum Test Verified Bypass Flow Rate without Resuspension of Sediment (cfs)	Headloss at the Maximum Test Verified Bypass Flow Rate (ft)	Pump-Out-Volume (cf)	Sediment Volume (cf)	Total System Volume (cf)	Depth from Invert of Outlet Pipe to the Lowest Invert of the Structure (ft)	Maximum Inlet/Outlet Pipe Size (inches)
NSBB-2-4	3' x 5'	0.58 cfs	2.59 cfs	0.24 ft	10.22 cf	5.11 cf	15.33 cf	2.5 ft	12 in
NSBB-3-6	4' x 7'	1.30 cfs	5.84 cfs	0.49 ft	34.50 cf	17.25 cf	51.75 cf	3.5 ft	18 in
NSBB-3-8	4' x 9'	1.73 cfs	7.78 cfs	0.44 ft	46.50 cf	23.25 cf	69.75 cf	3.5 ft	18 in
NSBB-4-8	5' x 9'	2.31 cfs	10.37 cfs	0.61 ft	71.55 cf	35.78 cf	107.33 cf	4.0 ft	24 in
NSBB-5-10	6' x 11.5'	3.61 cfs	16.20 cfs	0.69 ft	109.21 cf	54.61 cf	163.82 cf	4.0 ft	30 in
NSBB-6-12	7' x 13'	5.20 cfs	23.33 cfs	0.74 ft	152.39 cf	76.20 cf	228.59 cf	4.0 ft	36 in
NSBB-6-15	7' x 16'	6.50 cfs	29.16 cfs	0.84 ft	221.40 cf	110.70 cf	332.10 cf	4.0 ft	36 in
NSBB-7-14	8' x 15'	7.08 cfs	31.75 cfs	0.74 ft	239.65 cf	119.82 cf	359.47 cf	4.8 ft	48 in
NSBB-7-15	8' x 16'	7.58 cfs	34.02 cfs	0.79 ft	257.62 cf	128.81 cf	386.43 cf	4.8 ft	48 in
NSBB-8-14	9.5' x 15.5'	8.09 cfs	36.29 cfs	0.69 ft	268.89 cf	134.44 cf	403.33 cf	4.8 ft	54 in
NSBB-8-16	9.5' x 17.5'	9.24 cfs	41.47 cfs	0.77 ft	382.50 cf	191.25 cf	573.75 cf	4.8 ft	54 in
NSBB-9-18	10.5' x 19.5'	11.70 cfs	52.49 cfs	0.82 ft	483.59 cf	241.80 cf	725.39 cf	5.8 ft	54 in
NSBB-10-16	11.5' x 17.5'	11.55 cfs	51.84 cfs	0.71 ft	473.30 cf	236.65 cf	709.95 cf	5.8 ft	60 in
NSBB-10-20	11.5' x 21.5'	14.44 cfs	64.80 cfs	0.84 ft	599.51 cf	299.76 cf	899.27 cf	5.8 ft	60 in
NSBB-12-20	13.5' x 21.5'	17.30 cfs	77.76 cfs	0.76 ft	869.25 cf	434.63 cf	1303.88 cf	6.8 ft	72 in
NSBB-12-24	13.5' x 25.5'	20.80 cfs	93.31 cfs	0.88 ft	1052.25 cf	526.13 cf	1578.38 cf	6.8 ft	72 in

~ Water Quality Flow Rate represents treatment of 90-95% of the annual total runoff volume.

~ Outside dimensions shall include any diversion weirs.

~ The maximum headloss is limited to 1 foot.

~ The pump-out volume is the total volume of storm water that is required to be pumped out of the device using the manufacturers recommended maintenance frequency.

~ Sediment volume is the total amount of sediment required to be removed during routine maintenance.

~ Total system volume is the pump-out volume added to the sediment volume.