

SedimentShield: Survey and Model Selection Form

Please fill out the form below, and email to dhotle@easywater.com.

A) Project Name:

B) Project Address:

C) Water type:

☐ Private Well Water

☐ City Water

If Private Well Water, email a water report to dhotle@easywater.com or mail us a water sample to test to this address →

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D) What type of application for SedimentShield? (Based on this answer, complete survey below or next page that applies)

☐ Condenser/Cooling Tower ☐ Non-Glycol Closed Loop ☐ Domestic Water ☐ Other (Contact EasyWater)

IF CONDENSER/COOLING TOWER

1) What kind of equipment will SedimentShield treat on a side stream?

☐ Cooling Tower ☐ Evap Condenser or Fluid Cooler ☐ Other (Contact EasyWater to discuss)

2) Total # of cells and the model number for each cell:

3) Total tonnage and total gpm for equipment above: _____ tonnage _____ gpm*

**For evap condenser or fluid cooler, gpm is 3 gpm per ton or spray gpm - whichever is greater.*

4) Are sumps equalized? Essentially, are the towers all part of one common condenser system?

☐ Yes ☐ No (If not equalized, then you'll need to fill out this form for each cell or tower.)

5) Where will SedimentShield be installed? ☐ Inside ☐ Outside

6) Where will it be pulling in/out of? ☐ Cooling Tower Piping ☐ Cooling Tower Sump ☐ Remote Sump

7) If pulling in/out of Cooling Tower Sump, Remote Sump, or other body of water, is water height equal to or higher than CTF pump?

☐ Yes ☐ No (Contact EasyWater for self-priming pump adder)

8) Should SedimentShield be skid-mounted (pre-plumbed & pre-wired) or shipped as components (plumbed on site)?

☐ Skid-Mounted ☐ Components ☐ Both Options

9) Using the sizing chart on next page, include the correct SedimentShield model below:

10) Project Notes/Additional Details:

Models/Sizing for Condenser/Cooling Tower Sizing

SKID-MOUNTED WITH PUMP

Model #	Cooling Tower Tons ¹	Cooling Tower GPM ²	Steel Tank Dim	Sidestream GPM
SS-12-S	80	240	12" x 60"	12
SS-25-S	167	500	18" x 60"	25
SS-50-S	333	1000	24" x 60"	50
SS-75-S	500	1500	30" x 65"	75
SS-100-S	667	2000	36" x 65"	100
SS-150-S	1000	3000	42" x 65"	150
SS-185-S	1233	3700	48" x 72"	185
SS-235-S	1567	4700	54" x 72"	235
SS-300-S	2000	6000	60" x 72"	300
SS-360-S	2400	7200	66" x 72"	360
SS-425-S	2833	8500	72" x 72"	425
SS-500-S	3333	10,000	78" x 72"	500
SS-580-S	3867	11,600	84" x 72"	580

Model selection can vary based on water quality and system volume.

Options such as stainless tanks, piping and skids along with dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.

¹ Total cooling tower tons based on peak load. ² Total cooling tower GPM based on 3gpm/ton.

COMPONENTS WITH PUMP

Model #	Cooling Tower Tons ¹	Cooling Tower GPM ²	Filtration Tanks	Sidestream GPM
SS-12-P	80	240	12" x 54" FRP	12
SS-20-P	133	400	16"x65" FRP	20
SS-35-P	233	700	21" x 62" FRP	35
SS-50-P	333	1000	24" x 72" FRP	50
SS-75-P	500	1500	30" x 72" FRP	75
SS-75-P	500	1500	30" x 65" Steel	75
SS-100-P	667	2000	36" x 72" FRP	100
SS-100-P	667	2000	36" x 65" Steel	100
SS-150-P	1000	3000	42" x 72" FRP	150
SS-150-P	1000	3000	42" x 65" Steel	150
SS-185-P	1233	3700	48" x 72" Steel	185
SS-200-P	1333	4000	2-36"x72" FRP	200
SS-235-P	1567	4700	54" x 72" Steel	235
SS-300-P	2000	6000	60"x72" Steel	300
SS-300-P	2000	6000	2-42"x72" FRP	300
SS-350-P	2333	7000	66" x 72" Steel	350
SS-425-P	2833	8500	72" x 72" Steel	425
SS-450-P	3000	9000	3-42"x72" FRP	450
SS-500-P	3333	10000	78" x 72" Steel	500
SS-580-P	3867	11600	84" x 72" Steel	580
SS-600-P	4000	12000	4-42"x72" FRP	600

Model selection can vary based on water quality and system volume.

Options such as stainless tanks along with dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.

¹ Total cooling tower tons based on peak load. ² Total cooling tower GPM based on 3gpm/ton.

IF NON-GLYCOL CLOSED LOOP

1) New or Existing closed loop system?

☐ New ☐ Existing

2) If #1 is "Existing", list problems or issues with closed loop below.

3) Is your closed loop Hot Water, Chilled Water or Heat Pump?

☐ Hot Water ☐ Chilled Water ☐ Heat Pump

4) Total estimated volume of water/liquid in the closed loop (does not need to be exact):

5) Should system be skid-mounted (pre-plumbed & pre-wired) or shipped as components (plumbed on site)?

☐ Skid-Mounted ☐ Components ☐ Both Options

6) Using the sizing chart below, include the correct SedimentShield model below:

7) Project Notes/Additional Details:

Models/Sizing for Non-Glycol Closed Loop

SKID-MOUNTED WITH PUMP

Model #	Steel Tank Dim	Sidestream GPM	Max System Gals ¹
SS-12-S	12" x 60"	12	4000
SS-25-S	18" x 60"	25	10000
SS-50-S	24" x 60"	50	25000
SS-75-S	30" x 65"	75	45000
SS-100-S	36" x 65"	100	70000
SS-150-S	42" x 65"	150	120000
SS-185-S	48" x 72"	185	150000
SS-235-S	54" x 72"	235	200,000
SS-300-S	60" x 72"	300	300,000
SS-360-S	66" x 72"	360	375,000
SS-425-S	72" x 72"	425	440,000
SS-500-S	78" x 72"	500	500,000
SS-580-S	84" x 72"	580	600,000

Model selection can vary based on water quality.

Options such as stainless tanks, piping and skids along with dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.

¹ Total volume of water in closed loop.

COMPONENTS WITH PUMP

Model #	Steel Tank Dim	Sidestream GPM	Max System Gals ¹
SS-12-P	12" x 60"	12	4,000
SS-25-P	18" x 60"	25	10,000
SS-50-P	24" x 60"	50	25,000
SS-75-P	30" x 65"	75	45,000
SS-100-P	36" x 65"	100	70,000
SS-150-P	42" x 65"	150	120,000
SS-185-P	48" x 72"	185	150,000
SS-300-P	2 - 42" x 65"	300	300,000
SS-370-P	2 - 48" x 72"	370	375,000
SS-450-P	3 - 42" x 65"	450	440,000
SS-555-P	3 - 48" x 72"	555	500,000
SS-600-P	4 - 42" x 72"	600	600,000

Model selection can vary based on water quality.

Options such as dual pumps and various control options are available upon request. Contact EasyWater or local rep for more information.

¹ Total volume of water in closed loop.

IF DOMESTIC WATER

1) New or Existing facility?

☐ New ☐ Existing

2) If #1 is "Existing", list problems or issues with below.

3) Size/Type of the main cold water supply after the backflow preventer(s)?

4) Max GPM for domestic water main (If not available, then system will be sized based on main size)

5) Using the sizing chart below, include the correct SedimentShield model below:

6) Project Notes/Additional Details:

Models/Sizing for Domestic Water

Model #	Filtration Tanks	Max Treatment GPM	Main Size
SS-12	12" x 54" FRP	12	1"
SS-20	16"x65" FRP	20	1-1/4"
SS-35	21" x 62" FRP	35	1-1/2"
SS-50	24" x 72" FRP	50	2"
SS-75	30" x 72" FRP	75	2-1/2"
SS-100	36" x 72" FRP	100	3"
SS-150	42" x 72" FRP	150	3" or 4"
SS-200	2-36"x72" FRP	200	4"
SS-300	2-42"x72" FRP	300	6"
SS-450	3-42"x72" FRP	450	6" or 8"
SS-600	4-42"x72" FRP	600	8"

Model selection can vary based on water quality.