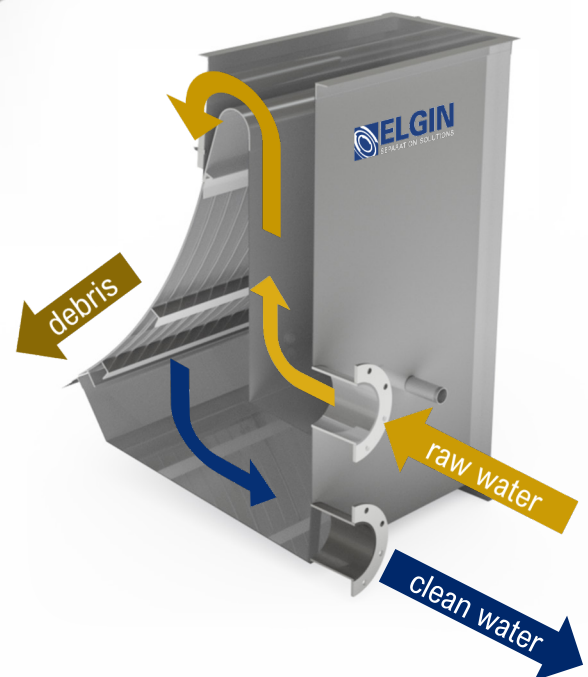


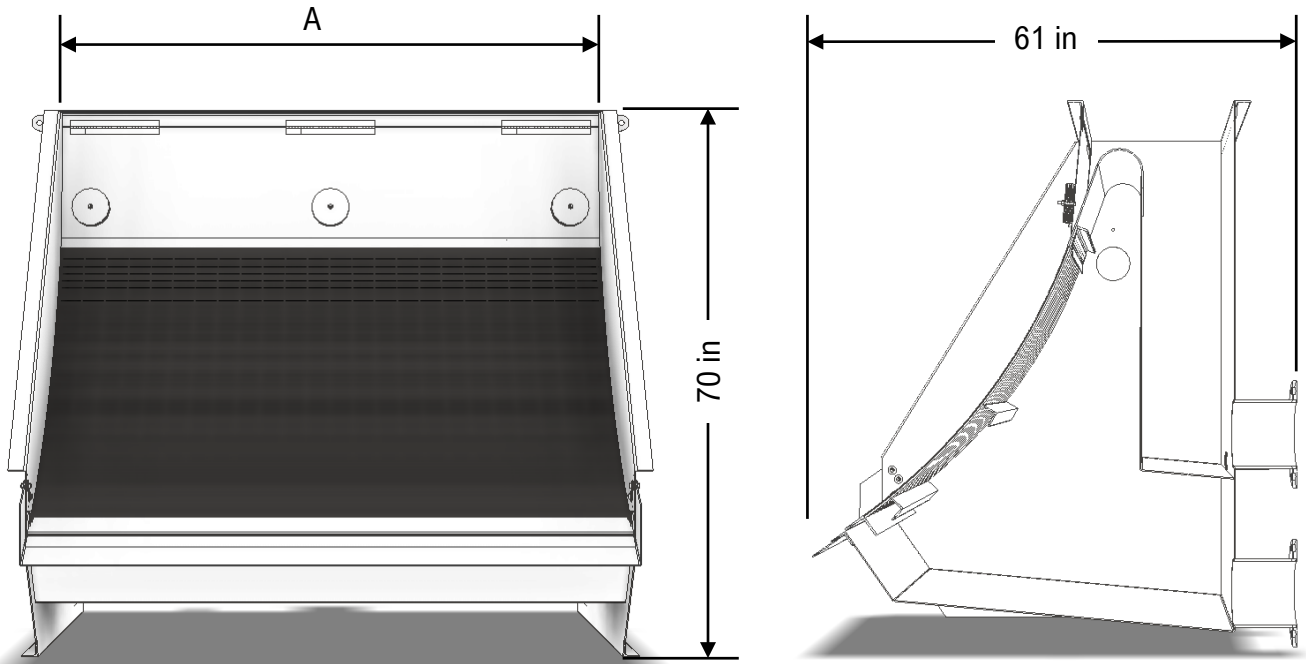
Side Hill Screen Assembly Features

- 1 Influent Chamber: Sized to distribute spillage over weir while keeping high enough velocity to prevent backup of debris
- 2 Baffle Plate: Distributes flow evenly over screen
Includes studs with weights to adjust baffling according to media viscosity
- 3 Screen: Cuts bottom layer of water using tilted wedge wire and has removable screen panel for maintenance and replacement
- 4 Drip Lip: Captures remaining fluid from slow-moving debris as it falls from screen surface
- 5 Discharge Lip: Delivers separated debris to the desired location (customizable)



Elgin’s Side Hill Screen requires no power or special inputs on site to operate. This minimizes capital and operating costs. The wedge wire screen efficiently captures water while delivering dewatered debris to the desired location.

This assembly is available in stainless steel construction (304 or 316). Optional features include: hinged top enclosure, extended discharge lip, spray bars, and non-standard inlet/outlet fittings.



Model	Capacity* (GPM)	A (in)	Inlet Ø (in)	Outlet Ø (in)	Dry Weight (lbs)
SH18	140	18	4	6	500
SH24	200	24	6	8	600
SH36	320	36	6	8	750
SH48	700	48	8	10	900
SH60	870	60	10	12	1050
SH72	1050	72	10	12	1200
SH96	1325	96	12	14	1500
SH120	1600	120	12	18	1850

*Capacity based on clean water