SIMO SCREENS

RAINWATER HARVESTING AND STORMWATER

Self-cleaning wedge wire filters and recharge well screens for rooftop and stormwater harvesting.

- PRECISION FILTRATION
- STRENGTH AND DURABILITY
- NON-CLOGGING OPEN AREA
- RESISTANCE WELDED
- STAINLESS AND SPECIAL ALLOYS
- ENGINEERED TO ORDER



RAINWATER HARVESTING AND STORMWATER

Where our screens sit in the plant

At SIMO Screens, we build self-cleaning rooftop rainwater filters and recharge well screens in stainless steel. The wire face sheds leaves and grit with the flow, so the water reaching the tank or the aquifer stays clean with little upkeep through the monsoon.



Long wedge wire water well screen pipes with plain end rings laid out in.

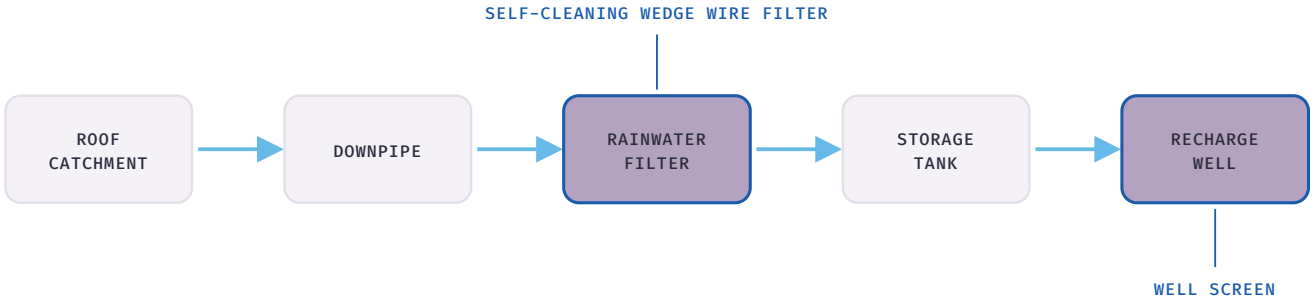
HOUSING	SIZING	RECHARGE
Stainless steel	**By flow rate and pipe size**	**Well screens to IS 8110**

WHAT IT MEANS FOR YOUR PLANT

Self-cleaning
Leaves and grit run off the wire face with the flow, so filters need little attention through the monsoon.

Clean recharge
Filtered water keeps recharge pits and wells from silting up.

Stainless throughout
No mesh to tear or rust, so the filter lasts season after season.



Highlighted stages use SIMO wedge wire.

SELECTION

PLANT OR EQUIPMENT	SIMO SCREENS PRODUCT
Rooftop rainwater filters, recharge pits and recharge wells, stormwater inlets	Rooftop rainwater filters, Water well screens, Drainage grates

ENGINEERED TO ORDER

Our engineers start from your drawing, process data or the screen being replaced, and choose the slot, profile wire, support rod, flow direction and alloy to suit. Every screen is resistance welded, fabricated and inspected at our works in MIDC Butibori, Nagpur, under an ISO 9001:2015 quality system.

PRODUCTS

Made at our Nagpur works



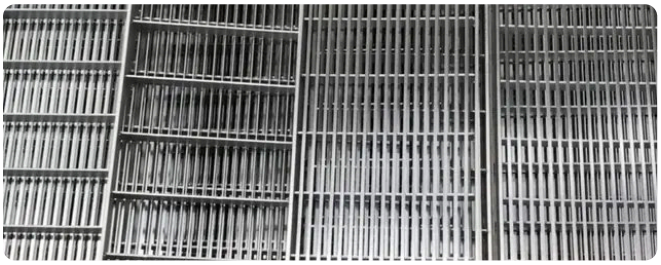
01. Rooftop rainwater filters

Self-cleaning wedge wire rooftop rainwater filters in stainless steel housings.



02. Water well screens

Continuous slot wedge wire well screens to IS 8110:2019.



03. Drainage grates

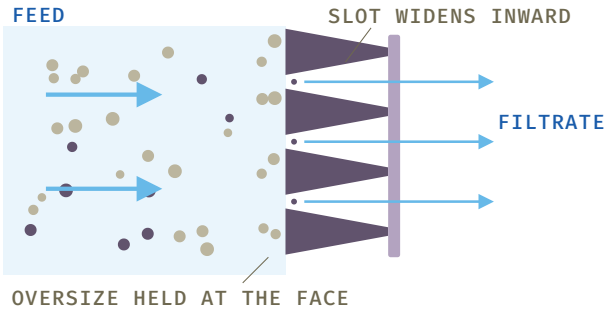
Stainless steel slot drainage grates and trench covers.



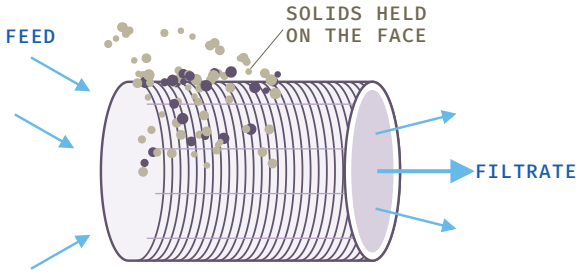
04. Coanda intake screens

Self-cleaning Coanda intake screens for small hydro, irrigation and stormwater.

HOW THE SLOT WORKS



Oversize is held at the face; the slot widens inward, so whatever passes cannot lodge.



On a cylinder, flow passes from outside to inside and solids stay on the slot face.

FOR A QUOTATION, SEND OUR ENGINEERS

01 Roof area served by each filter, and the number and size of downpipes.

02 Where the filtered water goes: storage tank, recharge pit or recharge well.

03 For recharge wells: bore diameter, depth and the permeable zone to be screened.

04 For grates: channel width, length, opening size and the load class you need.

05 Site location, coastal or inland, and any housing material you require.

06 Any space limits for the filter housing, and the inlet and outlet pipe sizes.

SIMO SCREENS

Engineered guidance, reliable solutions

At SIMO Screens, our engineers work with you to understand the process, recommend the right design and stand behind its performance. Our engineers will connect with you within a working day.

01. Send a drawing

A drawing or a datasheet line is enough to begin.

02. Replace an existing screen

Send the screen, photographs with dimensions or its part number.

03. Start from process data

Flow, pressure, temperature, particle size and medium.

CUSTOMERS INCLUDE

ENGINEERS INDIA LIMITED · IndianOil · JINDAL STEEL · meil · MOIL LIMITED · NIPPON STEEL · NMDC · ONGC · सेल SAIL · TATA CHEMICALS LIMITED · TATA STEEL · THERMAX

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IS 8110:2019 · MAKE IN INDIA

ISO 9001:2015 quality system
Water well screens to IS 8110:2019

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SEND YOUR SPECIFICATION

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