



clara[®]

Technical Datasheet

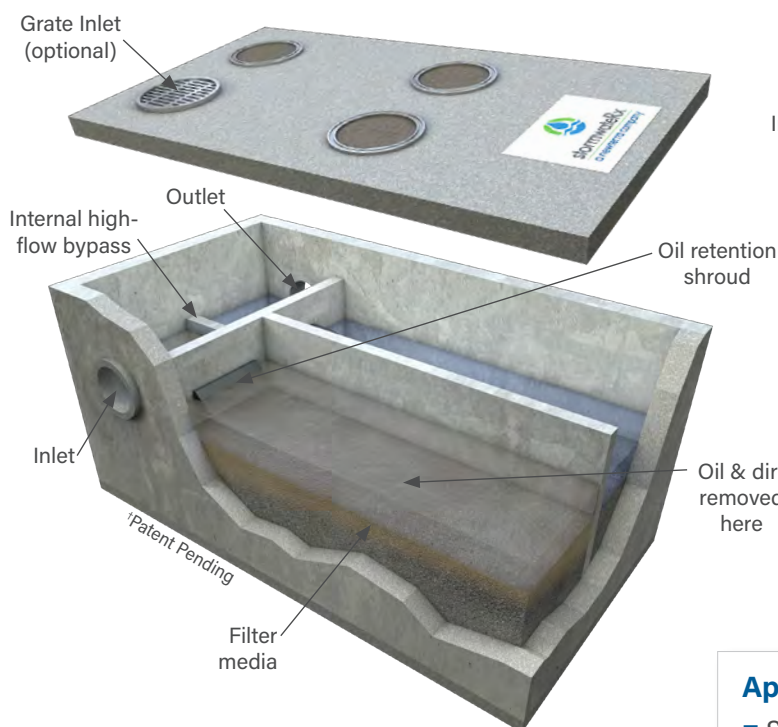
Clara[®] Filter

suspended solids removal

Clara[®] Filter Advantages

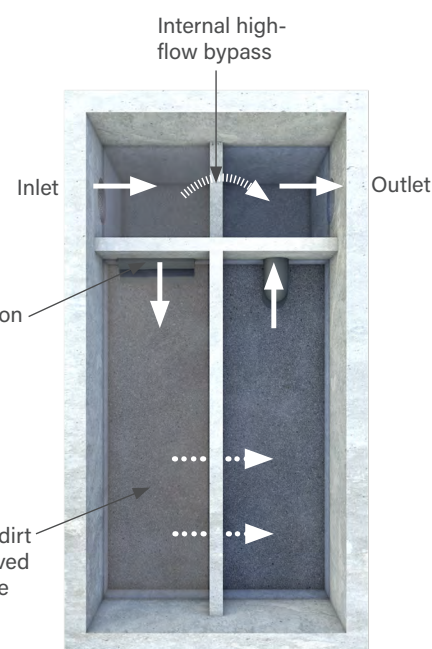
- Removes free oil, trash, suspended solids, metals and other pollutants from stormwater runoff.
- System is housed in a concrete structure with access through manhole or hatch openings.
- Extends maintenance interval of downstream treatment BMPs
- Typical suspended solids (TSS) reduction is greater than 70%, with demonstrated reduction up to 90%.

Clara (KLAR-uh) Filter is a patent pending[†], passive media filter that can serve as standalone treatment or as a pretreatment BMP. The system operates by gravity—no power and no mechanical or moving parts to malfunction. Its media is formulated for high-flow and high sediment loading.



Target Pollutants

Free oil	Metals
Sediment	Floatables & trash



Applications

- Site where high-rate stormwater filtration is desirable
- Sites with high particulate (TSS) loading
- Sites close to benchmarks

Options

- Optional integrated pump system to discharge to polishing filter

Model	Treatment Rate (gpm)	Buried Footprint (ft x ft)	Sediment Capacity (cu yd)
25	130	7 x 9	0.6
40	240	7 x 13	1.1
70	380	8 x 16	1.8
90	480	9 x 17	2.3
110	610	11 x 17	2.9
210	1,100	11 x 28	5.1

StormwaterRx LLC designs, manufactures, installs and maintains stormwater treatment systems for industrial customers. Contact StormwaterRx to find out how we can help you meet your stormwater quality requirements.



stormwaterRx
a newterra company

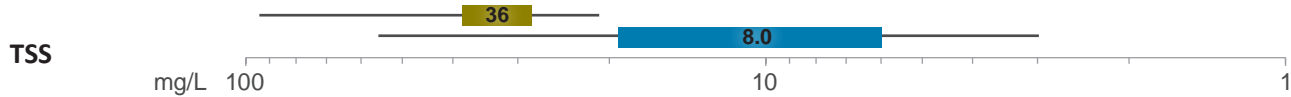
The most
cost-effective,
full-scale
filtration BMP!

1.800.680.3543
stormwaterx.com



Clara[®] Filter

Performance



How to read the plot:

Before treatment

After treatment

Reported values are median of respective sample sets.

Box Range = 25th - 75th percentile

Whisker Range = 5th - 95th percentile

Configuration

