



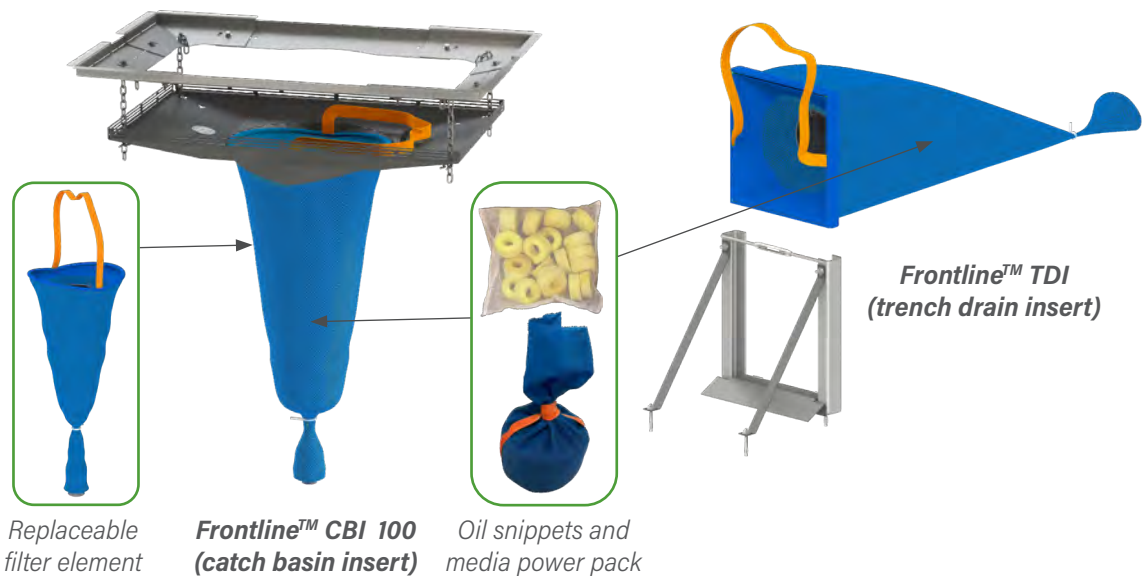
Frontline™ drain inlet filters

Frontline™ Advantages

- Industrial duty and performance
- Stainless steel construction
- Adjustable frame
- Easy maintenance
- Optional sampling port
- Variable depth for a wide variety of catch basins
- Standard replacement parts available

The patented Frontline™ drain inlet filters are your first line of defense against industrial pollutants in stormwater runoff. Available as a catch basin insert (CBI) or a trench drain insert (TDI), Frontline provides the best combination of performance and flow of any drain inlet insert on the market. Frontline is top-rated for removal of debris, heavy metals such as zinc, copper & lead, TSS, oil & grease. Its flexible design fits under the existing storm grate in a drop inlet or inside a trench drain. Frontline is easy to install and maintain with off-the-shelf, replacement filtration bags and StormwaterRx-formulated media inserts.

Target Pollutants	
Metals	Suspended solids
Oil & grease	Trash & debris



Applications

- Industrial sites
- Post-construction
- Excellent pretreatment for downstream BMPs
- Various target pollutants

Options

- Rectangular or round
- Sampling port

Your frontline
defense against
metals, sediment,
oil and debris in
stormwater

1.800.680.3543
stormwaterx.com

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



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Installation & Maintenance

- 10 minute install — no confined-space entry, catch basin modifications, or drilling required.
- Maintenance can be performed in 2 minutes or less.
- To maintain: lift grate off of the frame; remove and replace the filter element; then place grate back over the frame.
- Maintenance interval depends upon climate, pollutant load, and infrastructure constraints.



Replaceable filter element



Oil snippets

Frontline on Site



Frontline™ CBI 100 filter element in an adjustable frame (L), and under an existing catch basin grate (R).

Performance

Pollutant	Inlet Concentration Range	Outlet Concentration Range	Removal Efficiency Range
TSS (mg/L)	70 - 460	40 - 150	40 - 90%
Aluminum (mg/L)	1.9 - 7.2	0.81 - 2.4	40 - 90%
Copper (mg/L)	0.15 - 0.27	0.11 - 0.16	20 - 60%
Iron (mg/L)	2.4 - 8.7	1.1 - 3.0	40 - 90%
Zinc (mg/L)	0.38 - 1.2	0.25 - 0.37	30 - 80%
Lead (µg/L)	6.3 - 21	3.9 - 8.7	20 - 80%



Frontline™ TDI trench drain filter inserts



Trench drain with Frontline™ TDI filter inserts (not visible). Aquip 50 downstream of TDI.

The combination of Frontline and Aquip at this industrial facility have put effluent samples consistently below numeric action levels and benchmarks, returning the facility to baseline.