

- HIGH-GRADE STEEL CASING
- LONG DURABILITY
- MINIMAL MAINTENANCE
- ALL-PURPOSE



## ENVIA CRC

MUNICIPAL STREET DEWATERING



The ongoing surface sealing in Europe, often caused by industrial and municipal site development, demands new ways of treating surface water. In contrast to the slightly polluted rain water found on private properties, water from industrial and traffic grounds such as streets, parking lots and factory premises are to be classified higher. In these areas water quantities, as well as pollution degree of the surface water, require a more complex treatment.

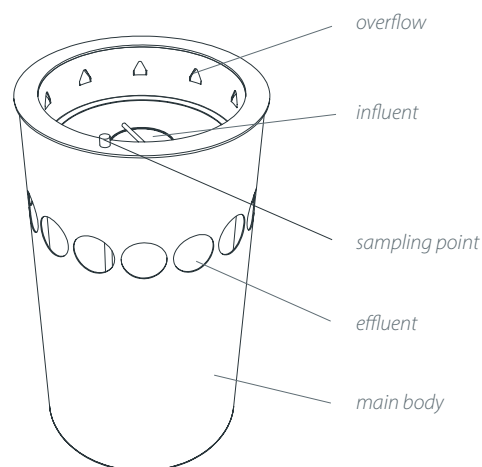
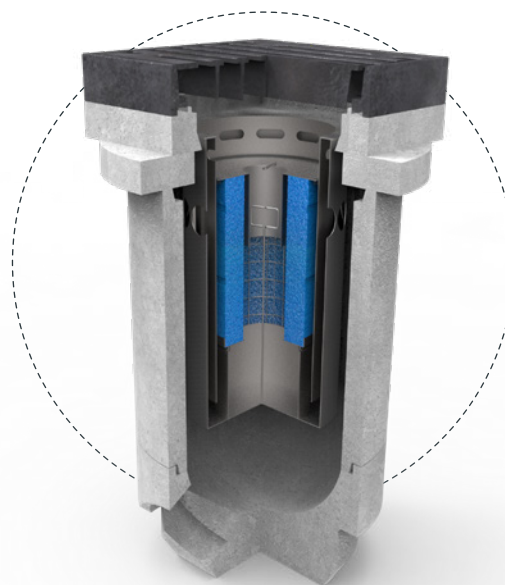
Rainfall, often soiled with mineral light liquids such as gasoline, diesel and fuel oil and lubricant, must neither be induced into the sewers nor, in an untreated state, into an infiltration system. Special filter and precipitation systems are to be used, sometimes even required by law. PURECO ENVIA systems were developed for these special and complex requirements in public and industrial fields. PURECO ENVIA-CRC system is used for areas up to 500 m<sup>2</sup> with a nominal performance of 5 up to 7 l/s at a rainfall rate of 150 l/sha, ENVIA-TRP for areas with a nominal performance of up to 450 l/s on areas of several 10000m<sup>2</sup>.

### ENVIA CRC principle

The system allows an installation in new constructions as well as an integration into existing systems. Thus, ENVIA CRC can be installed in nearly all standard shaft structures, when equipped with different adapters. The inflowing rainwater is calmed in the inlet chamber which prevents turbulences with oil residues. Solids (like sand) sink to the bottom and are caught in the gully. Swimming light liquids, such as oil and lubricant, gather at the surface. The floating rate allows the sewage to stay sufficiently in the precipitator, so that a gravitational partition of oil and water results. The cleaned water runs over a lower drainage. Since the filtering chamber is always filled with water, oil residues remain at the surface, are held back and can be aspirated.



The maintenance intervals are subject to the level of pollution of the inflowing element and should be carried out when needed. As a rule, an annual sight check is sufficient in order to set the time for cleaning the filter. Please address us directly, if you wish to discuss a customized design of your ENVIA system.



Name: **PURECO/ENVIA® CRC**

Tip	CRC5	CRC10
Material	Stainless steel	
Efficiency (TPH)	5 mg/l	5 mg/l
Capacity (nominal flow)	5 l/s	10 l/s

#### Dimensions

Diameter	330 mm	440 mm
Height	600 mm	600 mm
Weight	38 kg	53 kg

#### Advantages

- High-grade steel casing
- Simple and quick installation
- Robust construction
- Compact design
- High operation safety
- Long durability