

# AQUAFIX

# MILIEU®

Aquafix Milieu presents

## PARALLEL PLATE SEPARATORS & CATCH PITS

**RUN-OFFIX®**



Following extensive research, Aquafix Milieu's developers have successfully launched a new range of parallel plate, oil/fuel and coalescence separators, grease traps and catch pits. These new Euromal®+ and RUN-OFFIX® lines are unrivalled on the European market. We have developed custom solutions for every wastewater management problem – small or large – available from stock.

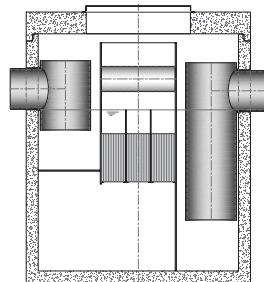
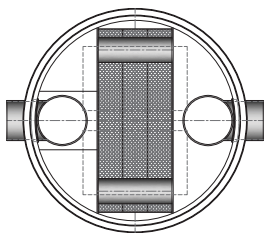
Our parallel plate separators are fitted with concrete housings – CE mark approved and KIWA certified in compliance with BRL 5070 standards. Separator surface loading is greatly reduced by a two-stage honeycomb-shaped parallel plate pack, which improves efficiency considerably compared to traditional gravity separators. The laminar flow through this special parallel plate pack even separates floating sediment that characteristically has a very low settling rate. PAHs, heavy metals and mineral oils that run off into sewer systems and open water during heavy rainfall bond to this particulate matter.

All our systems are designed for flow rates,  $Q = 14$  L/s/ha. If capacities are implemented according to this design parameter, then another design requirement, surface loading,  $S_0 = 1$  m/h, is also satisfied. If the flow rate is exceeded, then surface loading will increase, which in turn will reduce separator efficiency because fewer suspended particles will settle. The flow is also more turbulent, which again reduces efficiency.

High efficiency and low rainfall coefficients can be achieved by enlarging the separation surface area. For example, a traditional 10 L/s separator has a separation surface area of 2 m<sup>2</sup> in compliance with DIN 1999 standards. A 10 L/s parallel plate separator has a separation surface area of 36 m<sup>2</sup>, i.e. eighteen times greater.

RUN-OFFIX® parallel plate separators are manufactured according to European NEN EN 858 standards. RUN-OFFIX® separators are suitable for open water discharge with residual oil emission levels of less than 5 mg/L in compliance with statutory minimum requirements.

As you can see, RUN-OFFIX® parallel plate separators provide top quality and excellent performance.



**NEN-EN 858**



**2-STEP®**  
TECHNOLOGY



### BENEFITS:

- Extensive range of parallel plate separators from 3 to 100 L/s
- Catch pits ranging from 200 to 60,000 L
- Wide range of Euro (combined) models available
- Separation of particles down to 20 microns
- Oil emissions < 5 mg/L in compliance with NEN EN 858
- Sediment and oil buffers – standard
- In-built bypass – standard
- High durability achieved using high-grade materials
- Quick and easy to position and install
- Manufactured according to NEN EN 858 standards

### OPTIONS:

- Heavy-duty traffic covers
- HDPE inner linings
- Attachments (for increased installation depths)
- Flexible connectors
- Oil alarm
- Inspection chamber
- Bypass chamber

### CERTIFICATION:

- CE approval mark (EC conformity statement)
- KIWA certificate in compliance with BRL 5070
- NEN EN 858 compliant

### APPLICATIONS:

- Roundabouts
- Motorways and secondary roads
- Bus stops and bus lanes
- Car parks
- Site drainage
- Industrial estates
- Car breakers
- Airfields
- Defence bases

The Netherlands' largest  
separator manufacturer

We are currently looking for dealers/resellers. Our sales manager speaks English and German.

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