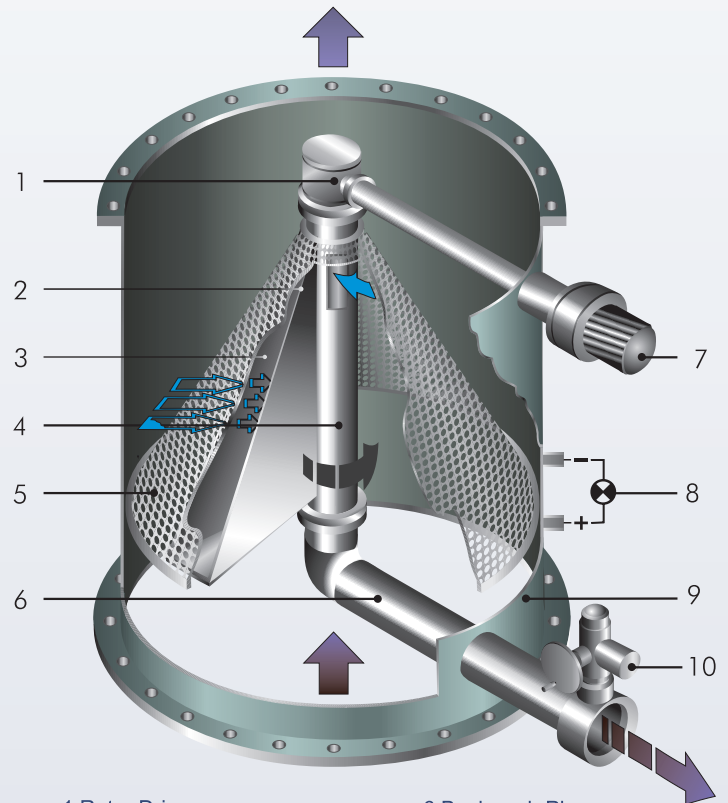


## Klump & Koller Debris Filter System Type TA Optimization of Debris Filtration



### Filter Construction



- |                          |                      |
|--------------------------|----------------------|
| 1 Rotor Drive            | 6 Backwash Pipe      |
| 2 Suction Hole           | 7 Gear Motor         |
| 3 Backwash Rotor Channel | 8 Screen Monitor     |
| 4 Backwash Rotor         | 9 Filter Housing     |
| 5 Funnel Screen          | 10 Waste Water Valve |

## Filter Design

A funnel screen is mounted into the filter housing (5). The mesh size of this funnel screen is executed according to customer's specification. The backwash rotor channel (3) together with the backwash rotor (8) is connected with the backwash pipe (6).

A corresponding big suction hole (2) for the coarse solid debris is provided in the top of the funnel screen. The waste water valve (10) is mounted at the outlet backwash pipe (6).

The rotor drive (1) is built at the filtered waterside of the filter. The motor (7) is arranged outside the filter housing (9). A screen monitor (8) indicates the contamination level of the funnel screen (5)