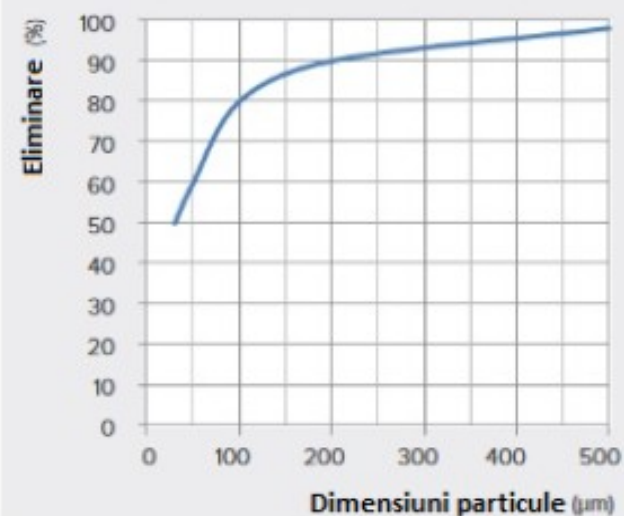


PRINCIPIU FUNCTIONARE SEPARATOR

1. Intrarea apei se realizeaza printr-un ajutor care accelereaza curgerea
 2. Forta centrifugala impinge particulele solide spre exterior iar forma peretelui determina coborarea acestora
 3. Impuritatile sunt colectate in tanc
 4. Apa curata urca prin centru si iese din separator
- 
- The diagram illustrates the operation of a centrifugal separator. It shows a conical rotor with a central tube. Water enters from the side through a nozzle, creating a vortex. The centrifugal force pushes solid particles towards the outer wall, where they settle. The clean water rises through the central tube and exits from the top. A collection tank is shown at the bottom to catch the settled impurities.

Eficienta eliminarii impuritatilor pentru nisip (densitate=3) raportat la dimensiunile particulelor



| Model | (m ³ /h) | Record |
|-------------|-----------------------|--------|
| Alfa 200 1" | 2 to 8 | 1" |
| Alfa 200 2" | 6 to 18 | 2" |