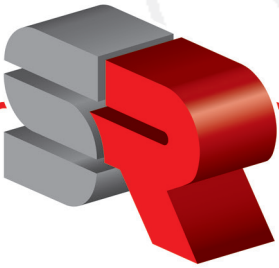


# Backwashing



**SALVATORE  
ROBUSCHI  
POMPE PARMA**

## **RB - Ecology and Environment**

### **Waste Water Treatment**

Conventional waste water treatment consists of a combination of physical, chemical, biological processes and operations to remove solids, organic matter and, sometimes, nutrients from waste water. General terms used to describe different degrees of treatment, in order to increase the treatment level, are preliminary, primary, secondary, and tertiary and/or advanced waste water treatment



### **Application : Backwashing**

PUMP: RBB 200-35D 4C75 M181 1  
PERFORMANCE: Flow 720m<sup>3</sup>/h – head 20 m  
LIQUID: backwash water

Treated water which was stored in a storage tank is pumped in the reverse direction as that of the water flow direction during filtration process. Backwashing is a form of preventive maintenance so that the filter media can be reused. For a filter to work efficiently during a filter run, regular backwashing is needed



### **RB SERIES**

Impeller type: **channel**.  
Discharge sizes: **from DN 65 to DN 300**.  
Maximum working pressure: **10 bar**  
Flow rate: **up to 2400 m<sup>3</sup> /hr**.  
Differential head: **up to 70 m**.  
Impeller with special blades geometry for low NPSH and high free passage.

