



Waste Water treatment plant

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 to increase the treatment level, are preliminary, primary, secondary, and tertiary and/or advanced waste water treatment



Application : Waste water treatment plant



PUMP: RCB 80-20A 4B75 U181 1
PERFORMANCE: Flow 84m³/h – head 11 m
LIQUID: waste water with small particles

The pumps circulate the primary sludge in a WWTP
The liquid contains high concentrations of large solids that can be handled only using pumps with vortex impeller (solids up to 110 mm)



RC SERIES



Impeller type: **vortex**.
Discharge sizes: **from DN 32 to DN 250**.
Maximum working pressure: **10 bar**
Flow rate: **up to 800 m³ /hr**.
Differential head: **up to 60 m**.
Large free passage clearance up to 150 mm due to the completely recessed impeller.
Heavy duty shaft and bearings.

