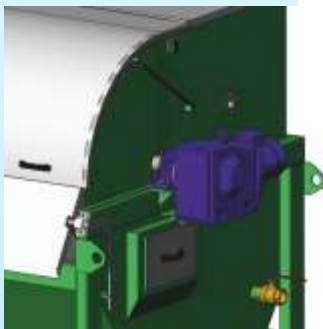


Rotary drum screen - RVS

The rotary drum screen (RVS) is designed for the separation of finer screenings from waste water. It is also suitable for collecting fibrous substances. It is used in wastewater treatment plants and in various industries, usually as part of fine filtration behind a fine mechanical screen or integrated coarse pre-treatment systems. It allows screens with fine filtration pores to be used, which means high filtration efficiency.

Water containing small-sized solids is brought to an inflow calming gutter with an adjustable overflow over which it flows to the outer surface of the drum screen.



<i>Specifications</i>	
Flow rate Q:	20 ÷ 150 l/s
Slot width e:	0,5 ÷ 2,5 mm
Power input:	1,1 kW; 400 V / 50 Hz
Working environment:	a) interior b) exterior for -20 to +50 °C
Spraying-off:	3 l/s int. at 2 ÷ 3 bar; G1" connection
<i>Other parameter ranges to be consulted with the manufacturer</i>	

Product designation: **RVS D×L×e**



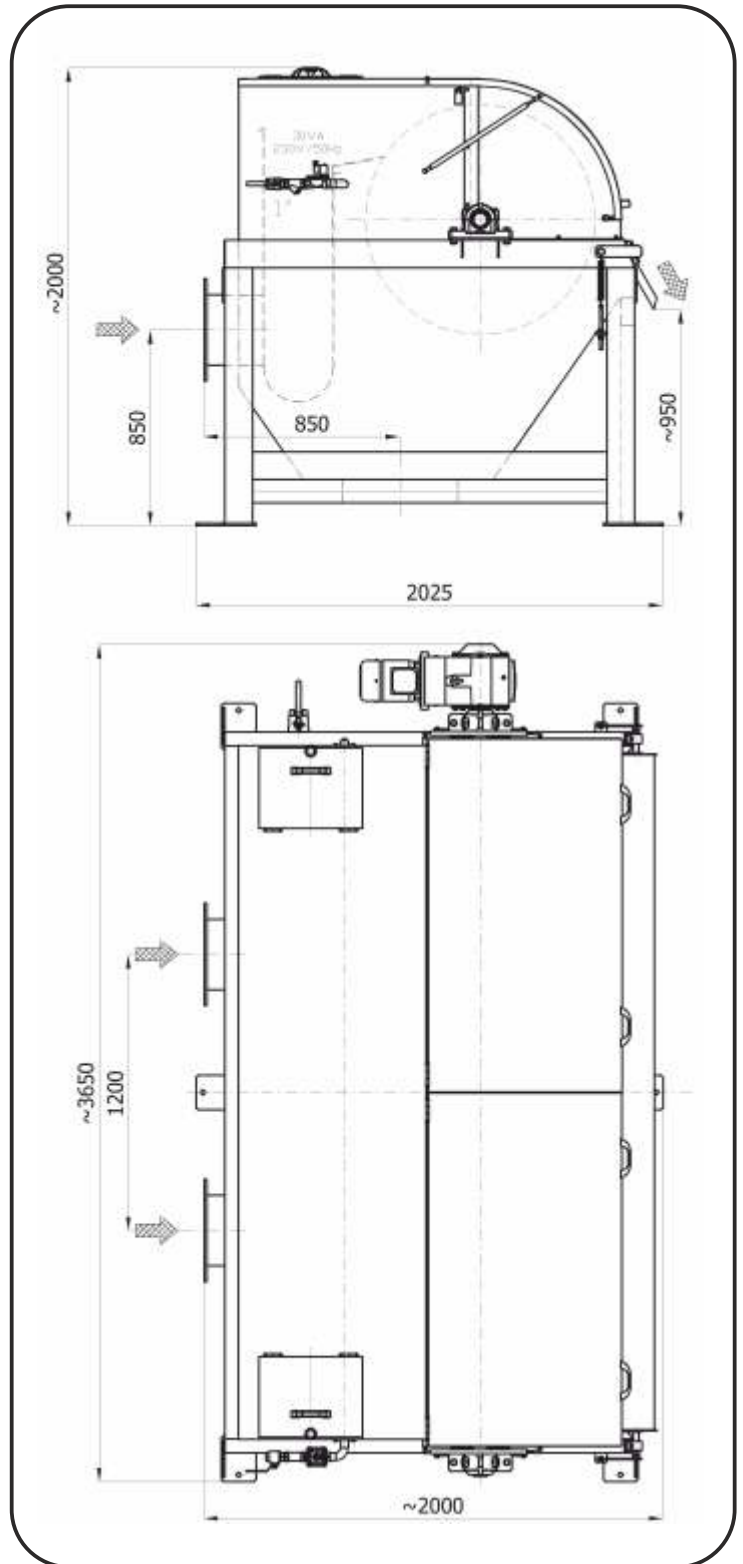
ISO 9001

The rotary screen lets water through its slots inside the drum. Solids collected on the surface are moved towards a scraping bar by the screen rotation. The tangentially placed scraper removes the collected substances from the drum surface, transferring them to a collecting gutter fitted with a screw conveyor. Water from inside the drum flows into a collecting gutter fitted with an outlet neck. The drum screen rotation derives from the water level in the inflow gutter monitored by level-control probes. The drum screen surface is cleaned with a spraying device fed with pressure water.

The RVS delivery includes a control switchboard which ensures the screen rotation through pulses from level switches, spraying water supply through a solenoid valve, and possibly heating. When used in exterior, the RVS is fitted with a double-layer cover and inbuilt heating body. The heated version includes a thermostat which turns the heating system on at below zero temperatures.

The RVS is manufactured from chrome-nickel stainless steel, with the exception of bearings and the drive.

The type series of the dimensions and the selection of the filtration screen slots are subject to demand and supply, the flow range is 20-150 l/sec.



For optimal incorporation of the equipment into the technological section of a wastewater treatment plant FONTANA R offers consultations and technical assistance in the form of free customer service. Technical service provided within 24 (48) hours.



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