

Rotary Drum Filter Specifications

Standard RDF series | Catalogue maximum flow: 3-300 m³/h

Model	L × W × H (mm)	Max. flow (m³/h)	Listed volume (m³)	Inlet (mm × qty)	Outlet (mm × qty)
RDF-3	430 × 330 × 370	3	3	32 × 1	50 × 2
RDF-10	500 × 450 × 500	10	10	50 × 1	63 × 2
RDF-20*	655 × 555 × 590	15	15	50 × 2	63 × 2
RDF-30	660 × 655 × 725	30	30	63 × 2	75 × 2
RDF-50	955 × 855 × 850	50	50	90 × 2	110 × 2
RDF-100	1280 × 930 × 910	100	100	110 × 2	160 × 2
RDF-150	1650 × 1050 × 1000	150	150	160 × 2	160 × 2
RDF-200	1850 × 1150 × 1100	200	200	200 × 2	200 × 2
RDF-250	2050 × 1250 × 1150	250	250	220 × 2	220 × 2
RDF-300	2350 × 1450 × 1350	300	300	250 × 2	250 × 2

* The catalogue labels this model RDF-20 but lists maximum flow and water volume as 15. Confirm its model designation and duty before ordering. Do not assume a 20 m³/h rating.

Flow and volume figures are catalogue references. Confirm duty at the agreed mesh opening, solids loading, operating water levels and hydraulic conditions. Listed water volume is not a universal pond-size guarantee.

RDF Pro Series with UV

A separate series: specify Standard or Pro with UV when requesting an RDF-30 or RDF-50.

Pro model	L × W × H (mm)	Max. flow (m³/h)	Listed volume (m³)	Inlet (mm × qty)	Outlet (mm × qty)	UV listing*
RDF-15	755 × 655 × 590	15	15	50 × 2	63 × 2	30 × 2
RDF-30	850 × 750 × 725	30	30	63 × 2	75 × 2	40 × 3
RDF-50	1050 × 950 × 850	50	50	90 × 2	110 × 2	55 × 4
RDF-80	1250 × 930 × 900	80	80	110 × 2	200 × 2	80 × 4

* UV values are reproduced as listed. The catalogue table does not state the unit. Confirm lamp wattage, quantity and UV treatment duty before selection; these figures are not a validated UV dose.

Published features

SS 316 screen with 75-micron opening; level-sensor-initiated automatic washing; high-pressure spray nozzles; PP drive gear. The catalogue also lists customization and SCADA integration. Confirm the supplied configuration and suitability for freshwater or seawater.

Project specification checklist

Provide application, total water volume, peak filter flow, daily feed or solids load, salinity, temperature, operating water levels, installation space and drainage. Confirm mesh, body material, pump-fed or gravity-fed arrangement, connections, drive and wash-pump duties, electrical supply, control functions and maintenance access.

Specifications and supply

Specifications may change as equipment is updated. Confirm current technical data, electrical requirements, included equipment, options, warranty, dispatch and installation scope in the quotation. Optional components are quoted separately unless expressly included.