

200

DrumFilter

Serie

3240 m³ / h

15 / 500 µm

1 Size

Drum filter 200
serie

Model



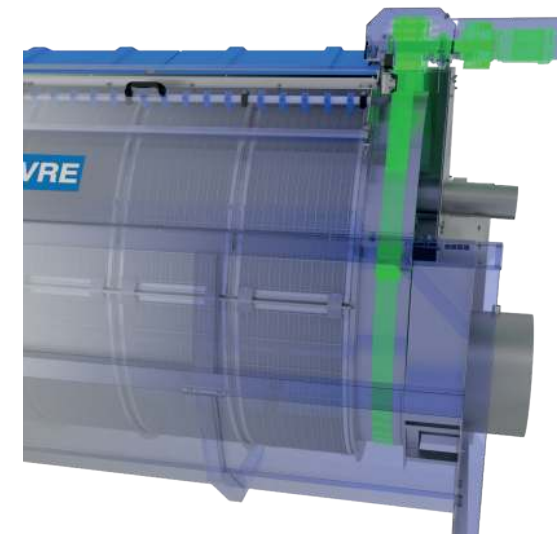
Drum filter 200

Flow rate up to 900 l / s (3240 m³ / h) at 100 µ.

With a 200cm diameter drum, the Rotoclean 200 is the largest filter in the Rotoclean drum filter range.

The 200 series filters are specially designed for the filtration of effluents leaving large fish farms, they are also ideal for large closed circuits.

Its 200 cm diameter drum rotates at 3 revolutions / min.



BDS simple, reliable and robust system.

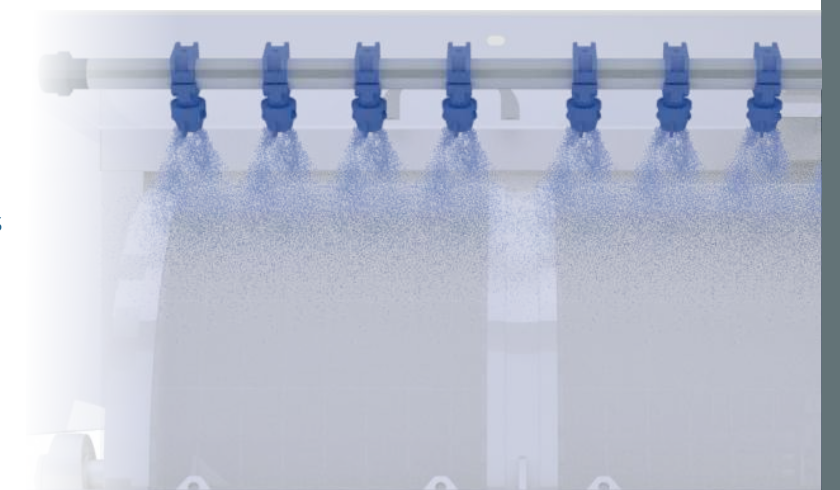
Rotoclean 200 drum filters benefit from the BDS system (Belt Drive & Support system). The motor, ideally placed on top of the drum filter, drives and supports the drum with one or more belts.

In 20 years of experience, this system has shown all its advantages:

- Soft start by nature (does not require a soft start with a frequency converter)
- Reliability over time (more than 5 years without maintenance)
- Transmission does not break if the drum jams (for example: if an object enters the drum)

Rinsing ramp with optimized water consumption and pressure.

The pressure of the nozzles has been optimized in order to obtain a perfect rinsing of the fabrics without damaging them.



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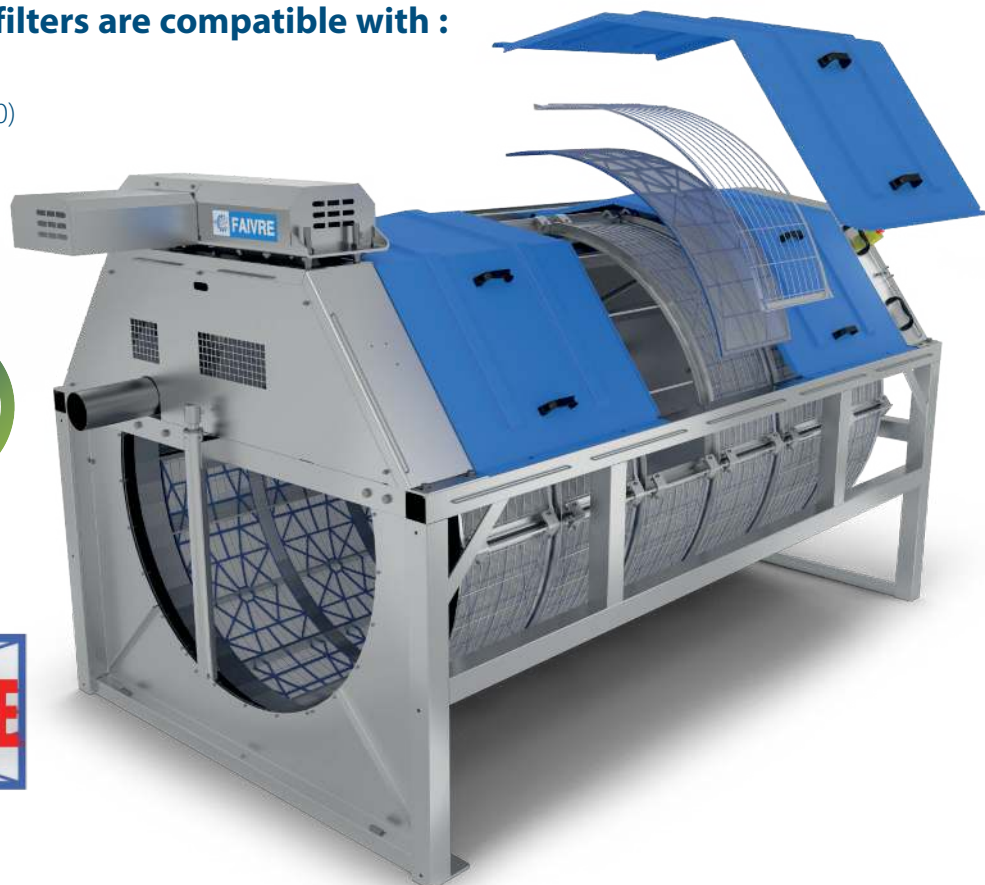
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Our Rotoclean 200 drum filters are compatible with :

- Smart filter technology (page 10)
- New Spiderplate® (page 12)

Smart
filter

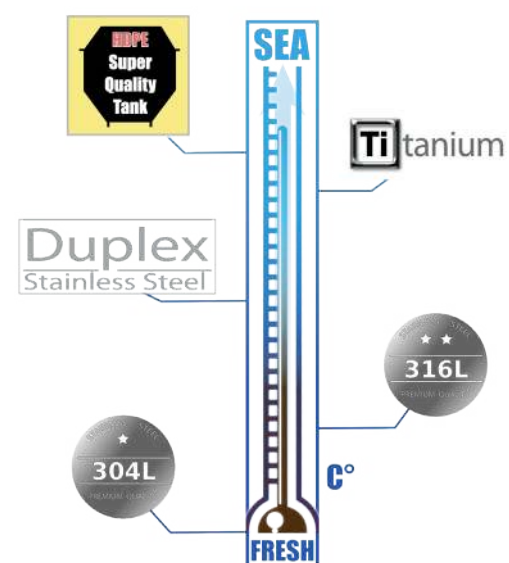
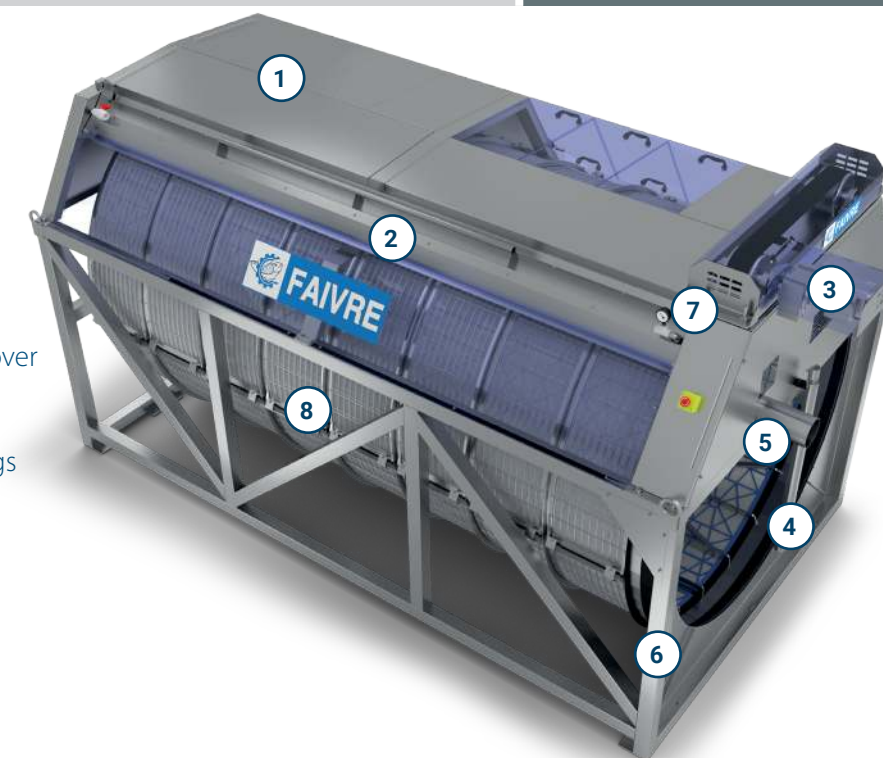
SPIDERPLATE



Specifications

Model	Inlet -outlet standard	Motor power	Filter surface	Number of plates	Sludge outlet diameter	Number of Spray nozzles
20 - 200	Drum filter on frame only	550 W	8,80 m²	20	Ø 140 mm	20
25 - 200			11 m²	25		25
30 - 200			13,20 m²	30		30
35 - 200			15,40 m²	35		35
40 - 200			17,60 m²	40		40

- 1 - Removable stainless steel covers
- 2 - Rinsing ramp
- 3 - Drive motor under stainless steel cover
- 4 - Level probe
- 5 - Sludge outlet
- 6 - Stainless steel frame with lifting rings
- 7 - Rinsing manifold pressure gauge
- 8 - Stainless steel drum

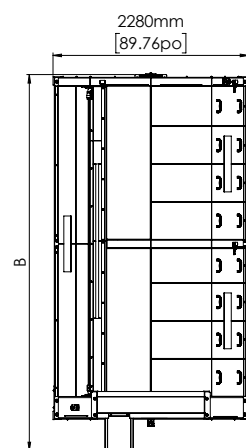
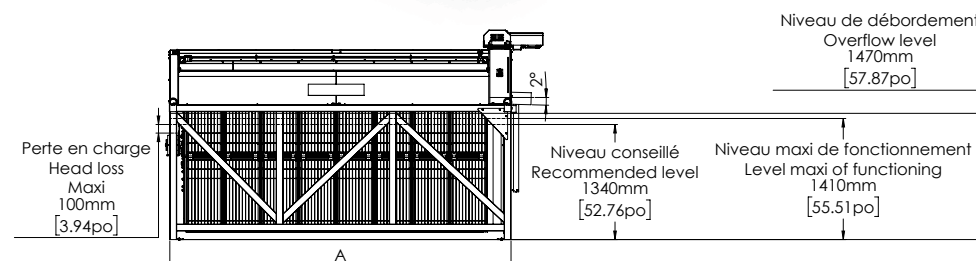
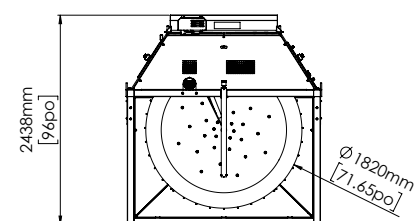
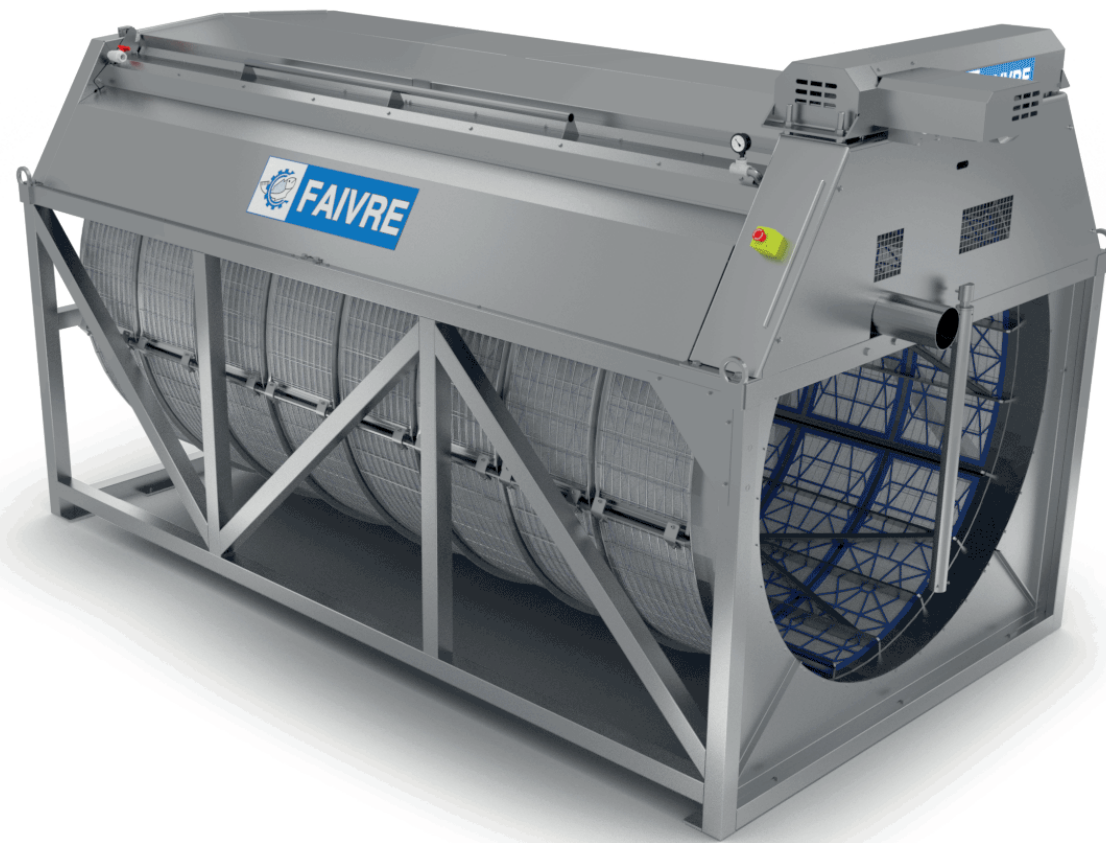


High quality stainless steel construction.

- Exclusive use of high quality stainless steel made in northern Europe (Norway, Finland, Sweden)
- Stainless steel AISI 304L (4301) for fresh water as standard
 - Stainless steel AISI 316L (4404) for sea water as standard
 - Stainless steel DUPLEX (2205), SUPER DUPLEX (2507), HDPE and Titanium for hot sea water.

The CCPUs of the material constituting your filter order can be supplied to you on request.

Frame



	20-200		25-200		30-200		35-200		40-200	
Net weight	1523 kg	3358 lbs	1697 kg	3741 lbs	1871 kg	4125 lbs	2045 kg	4508 lbs	2220 kg	4894 lbs
Unit	cm	in	cm	in	cm	in	cm	in	cm	in
Width	228	90	228	90	228	90	228	90	228	90
Height	246	96	246	96	246	96	246	96	246	96
Length (A)	222	87	266	105	310	122	354	139	398	156
Length (B)	262	103	306	120	350	138	394	155	438	172

Options

Control box with polyester box.

The control box is optional. It allows optimum control and safety for all our drum filters.

The large IP65 polyester box is more suitable for model 120, 160 or 200 filters.

For the safety of people, the box includes:

- 1 lockable disconnecter.
- 2 emergency stops including 1 on the front of the cabinet, 1 other emergency stop is positioned on the drum filter.
- 1 fast-tripping current detector is also integrated in the box. This current detector allows the filter to stop instantly in the event that the filter suddenly becomes blocked. (which can happen when a foreign body that is too large enters the filter with the water)

For the safety of the equipment, the box includes:

- 1 circuit breaker unit for the power supply to the cabinet.
- 2 Thermal circuit breakers to protect the motor of the drum filter and the motor of the rinsing pump.

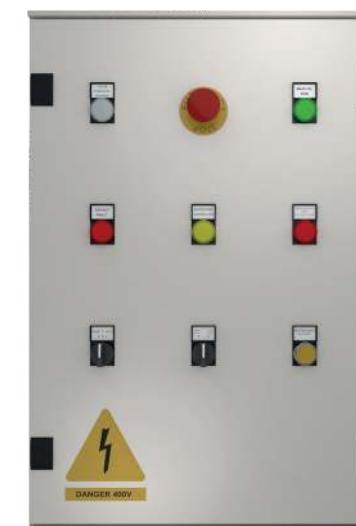
The control box is delivered with:

- 5m cable for the power supply.
- 10m cable with M23 connector to easily connect the drum motor, the flushing pump, the emergency stop and the hood safety switch.
- 10 m of cable with an M12 connector to easily connect the water level radar.

Ref. :

- FTC021-B24

Power supply 3 x 200 - 230 - 400 - 440 - 480 - 575 V
50Hz/60Hz



Level probe and (or) Timer

A level probe and a timer are 2 possible options in order to control the operation of the drum filter.

The level probe is a high-performance radar which only takes into account the level of the liquid and which is not disturbed by foam on the surface of the filtered liquid.

The timer allows the drum to be started and stopped by simple programming on the component inside the cabinet using a screwdriver.

These two options are available separately or together on the boxes, please specify this when ordering.

Ref. :

- **FTDSN4** Level radar **LR2050**

- **FTDT01** Cabinet timer **FTC001-EAS**



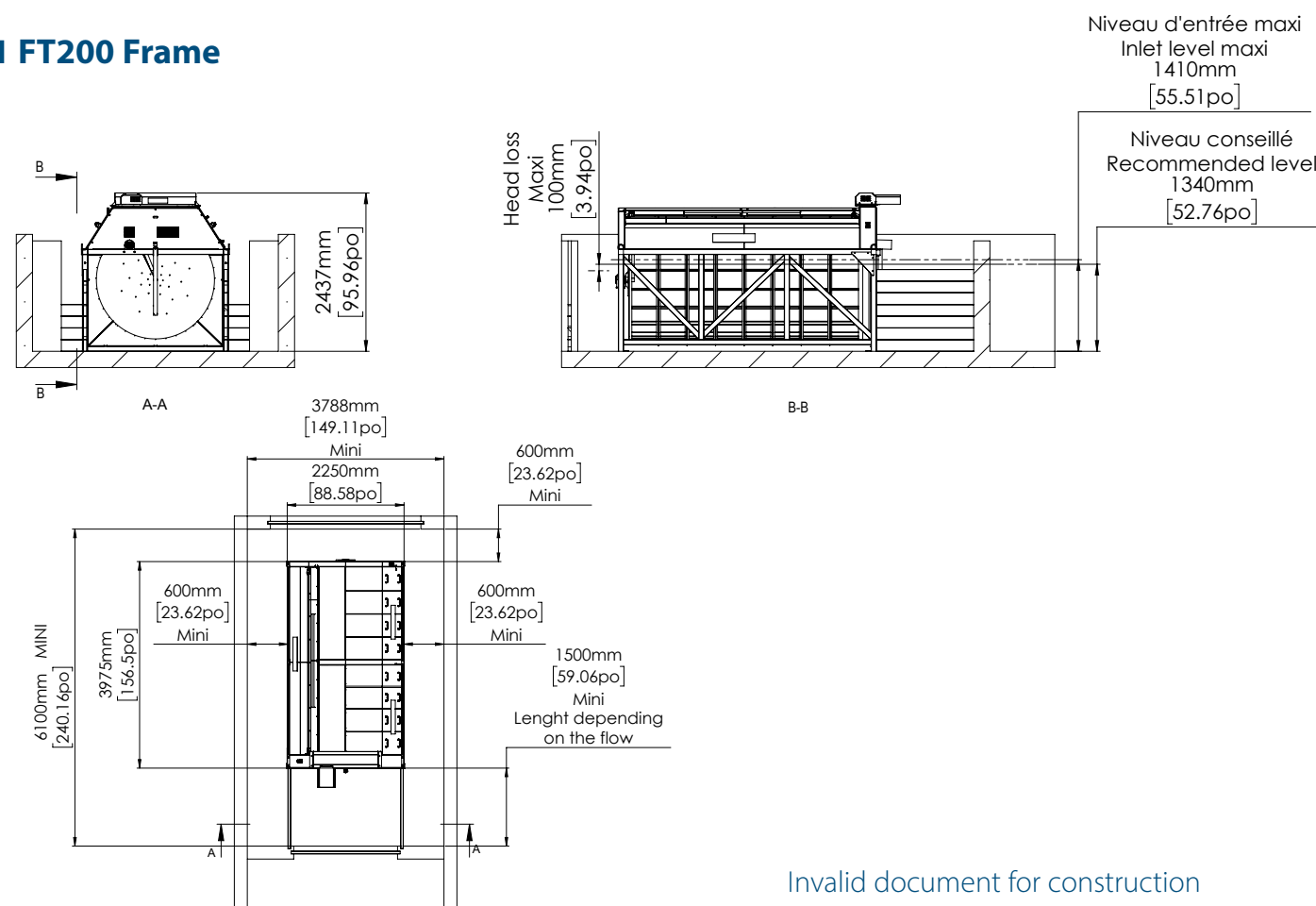
RADAR



TIMER

Installation examples

1 FT200 Frame



3 FT200 Frame

