

FLOCELL XFM FINES FILTER

Range of pressurised filtration systems for Tertiary Solids and Phosphorus Removal.

The open-cell media has been designed to efficiently reduce water turbidity and retain particulate without increasing the pressure within the filter or reducing the flow.



Key features:

- Uses 80% less water than a sand filter*
- Low energy consumption
- 100 times more retention capacity than a sand filter*
- Backwash return – max. once a week up to 30 minutes
- No hydraulic load, clogging or downtime
- No consumables within the filter
- No chemical cleans – not affected by polymers or chemicals
- Media has been engineered to optimise the mechanical filtration performance

P removal capability still requires chemical dosing to precipitate out the phosphorus as suspended solids.

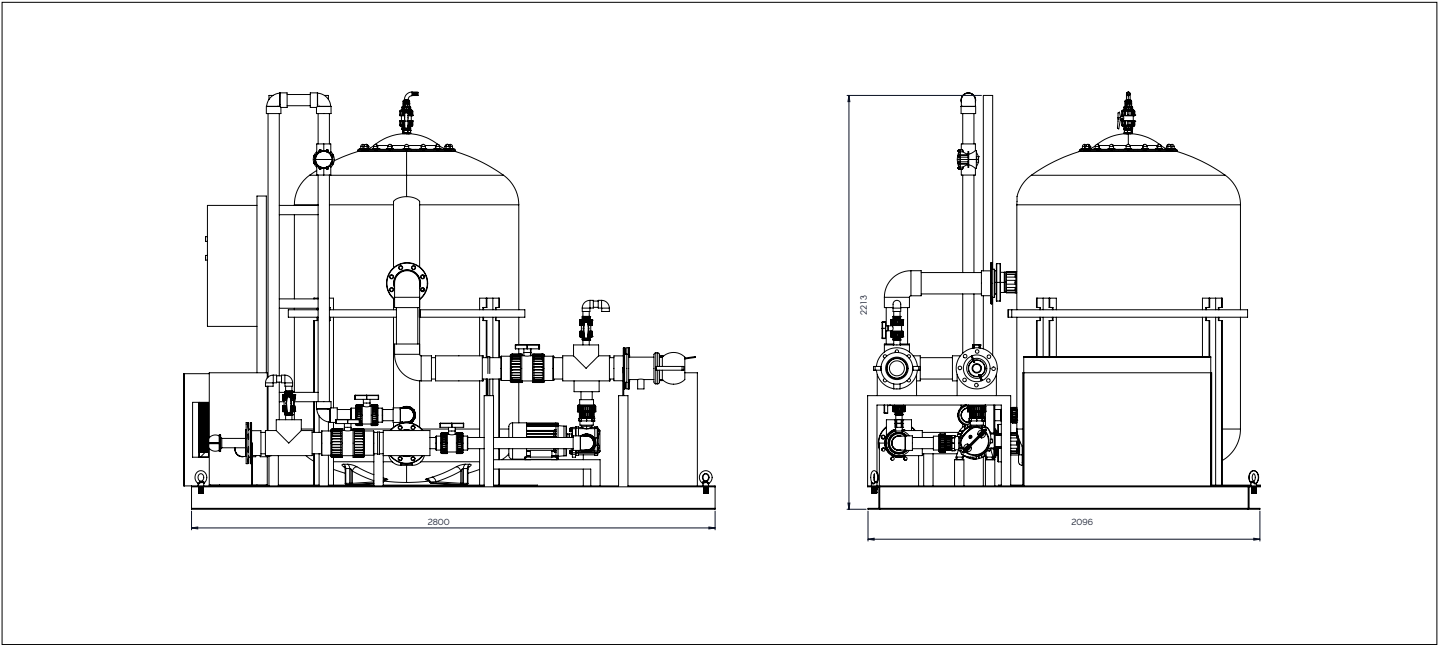
* Compared to sand filters of the same size on a typical installation.

Floccell

**BOOK A
TRIAL**

TECHNICAL SPECIFICATION

Skid mounted

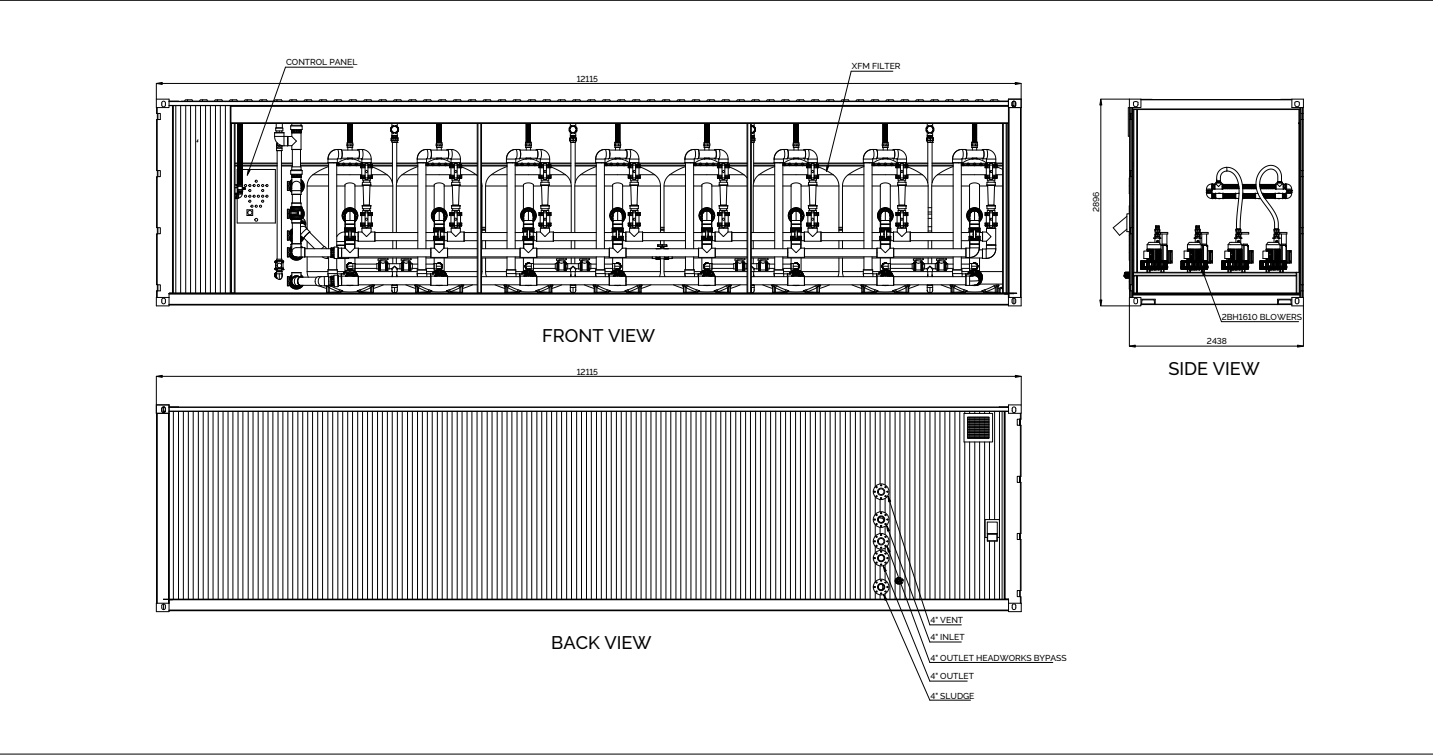


Model	Dimensions (mm)			Weight (Kg)		Connections		
	L	W	H	Empty	Operational	Inlet	Outlet	Sludge
Skid mounted	2800	2100	2200	1500	4000	2" Bauer Male	4" Bauer Male	2" Bauer Male

Technical specs				
Item	Make and model	Power consumption (kW)	Amps	Phase
Feed pump	Ebara DW VOX M 150 A	11	7.3	1
Sludge pump	Waterco TurboFlo 100	0.94	4.1	1
Blower	Waterco	1.2	5.8	1
Sludge pump and blower are only used during backwash return cycle (max once a week up to 30 minutes).				



Containerised



Model	Dimensions (mm)			Weight (Kg)		Connections				
	L	W	H	Empty	Operational	Inlet	Outlet	Sludge	Outlet head-works bypass	Vent
40ft container	12115	2438	2896	8200	20000	4" Flange	4" Flange	4" Flange	4" Flange	4" Flange

Technical specs				
Item	Make and model	Power consumption (kW)	Amps	Phase
Blower	Gardner & Denver 2BH1610	4.6	8.6	3
Sludge pump and blower are only used during backwash return cycle (max once a week up to 30 minutes).				



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TECHNICAL SEMINARS TO KEEP YOU ON TOP

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This technical seminar focuses on core issues facing UK water and sewerage companies.

Topics can be tailored to your learning needs such as:

- Tertiary solids including Phosphorus removal
- Meeting BOD and ammonia removal whilst coping with population growth
- Process energy efficiency, optioneering and asset optimisation
- Close collaboration - customised solutions based on site specific challenges
- Hire solutions for emergency and planned refurbishment
- Practical case study examples
- Q&A session

Our technical representative can present online or will come to a location of your choice covering mainland UK and Northern Ireland.

Breakfast or lunch is on us!

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