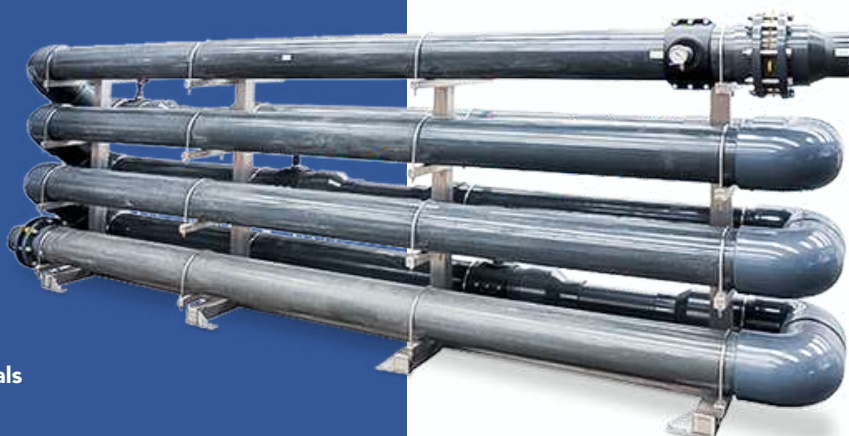


FLOCCULATOR TUBE FLO

Dosing of chemicals



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WATER TREATMENT EQUIPMENT SUPPLIER



Flocculator tube FLO

OVERVIEW

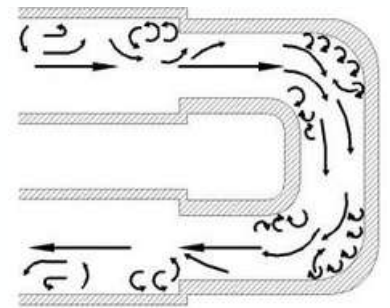
The FLO flocculator tube is a forced flow reactor that allows the proper dosing of chemical products, facilitating the homogenization and mixing of reagents.

It has 3 injection points where the chemical products that need to be added depending on the analyses carried out on the inlet water can be injected, such as oxidants, pH regulators, coagulants, flocculants, etc.

OPERATION

The mixing energy in the flocculator is obtained by creating forced turbulence conditions, resulting in uniform floc growth with excellent subsequent sedimentation properties.

Most of the mixing action is accomplished at the turns, constrictions and enlargements of the pipe size causing additional turbulence and eddies altering the velocity and flow gradients, providing radial and axial mixing. Injection points are designed to ensure instant mixing of chemicals.



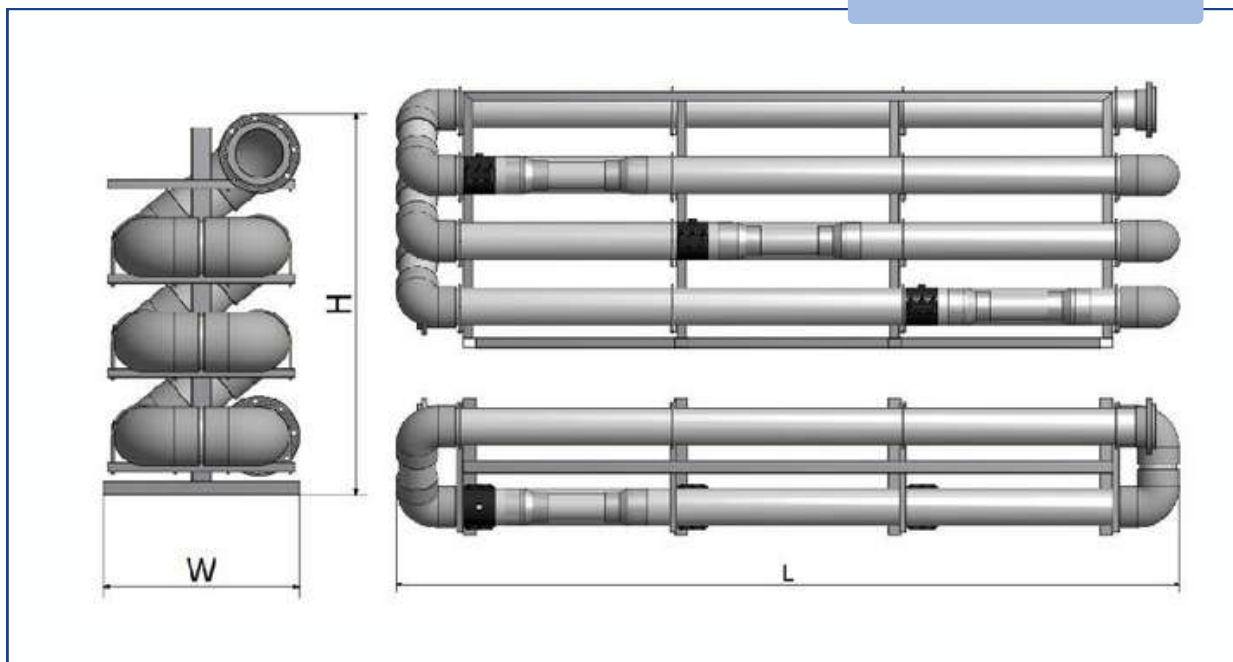
FEATURES

- Made from chemical resistant material: PVC PN10.
- 3 Injection points.
- Pressure loss <0.2 bar.
- Solid structure in galvanized or stainless steel (depending on model).

Different configuration options to adapt the standard unit to customer requirements.

Flocculator tube FLO

DIMENSIONS



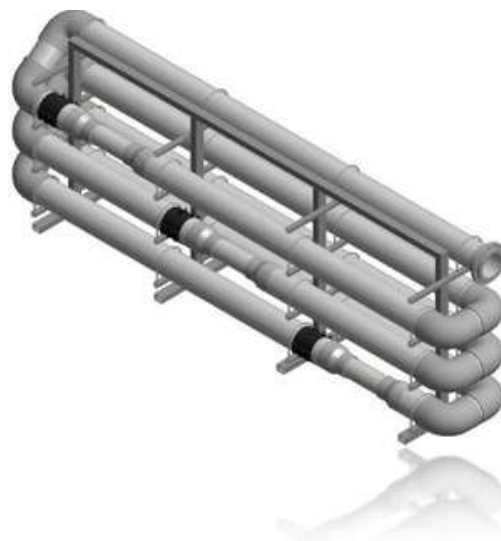
MODEL	Connection Ø	Min. Flow. m3/h	Max. Flow m3/h	H mm	W mm	L mm
FLO-0001	63	8	12	620	400	3200
FLO-0002	75	13	18	725	400	3500
FLO-0003	90	19	25	840	400	3500
FLO-0004	110	26	37	1000	500	3500
FLO-0005	125	38	60	1180	500	3500
FLO-0006	140	48	75	1400	550	3500
FLO-0007	160	62	95	1580	600	3600
FLO-0008	200	96	156	2000	750	3900
FLO-0009	250	180	250	2490	950	4000

** Standard sizes. Subject to change without notice.

Flocculator tube FLO

ADVANTAGES

- Quick and easy installation directly on the pipe.
- It requires less space than conventional reaction tanks.
- Energy efficiency, avoiding the installation of electric agitators.
- 3 injections in a single device.
- Compact and fully assembled design.
- Uniform mixing throughout the tube section, with no dead zones.
- Uniform growth of flocs.
- There is no backmixing.
- No moving parts. Minimal maintenance.
- High efficiency in the addition of chemicals.
- Economical.



APPLICATIONS

- Drinking water
- Industrial waters
- Pre-decanter
- Previous DAF
- Breaking emulsions with coagulation



ANY QUESTIONS?



WE ANSWER YOU

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