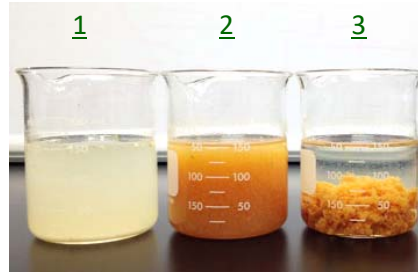




The FlocXpress Pipe Flocculator is a plug-flow reactor type coagulation, flocculation system, consisting of a long pipe of a specific length, diameter, and special design static mixer with inline angle mixing blades. The term "plug-flow" refers to the fact that retention time and mixing energy is constant in any given cross section of the pipe. As such, all particles are subjected to the same amount of mixing energy for the same amount of time. This results in a highly uniform floc with excellent characteristics.

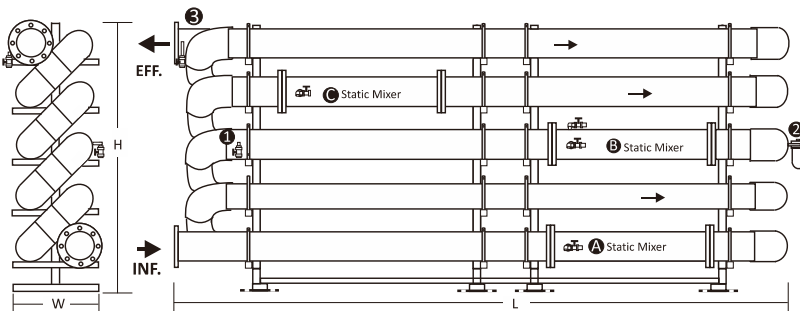


- 1 Raw water
- 2 After PAC dosing and reaction
- 3 After pH control, polymer dosing and reaction



Benefits

- Both Coagulation, pH adjusted and Flocculation in one unit
- Requires much less space than conventional reaction tanks
- Energy efficiency; No additional energy input required
- Little or no maintenance; No moving parts
- Package unit is available, included dosing pump and pH controller.



Package FlocXpress with Ecologix DAF system

Dimension and Technical data

Model	Flow Rate, m ³ /h			Dimensions				Weight / Kg		Headloss (M)
	Min.	Avg.	Max.	L(mm)	W(mm)	H(mm)	Flange	Empty	Full	
FX-5	3	5	7	2700	550	920	1.5"	120	165	12
FX-10	6	9	12	2700	550	920	2"	135	210	12
FX-20	13	20	25	4450	750	1100	3"	275	495	12
FX-35	25	35	50	4450	850	1300	4"	880	1,260	12
FX-75	55	75	100	4700	1150	1650	6"	1,050	2,150	11.5
FX-150	100	150	190	5500	1350	1960	8"	1,490	3,560	11.5
FX-240	200	240	280	5550	1400	2100	10"	1,940	5,110	11.5
FX-300	250	300	400	5550	1430	2430	12"	2,580	7,220	11

- Ecologix reserves the right to alter technical data and/or to modify the product without previous notice.
- Custom size and flow rate available ■ Pipe material: uPVC, sch.80