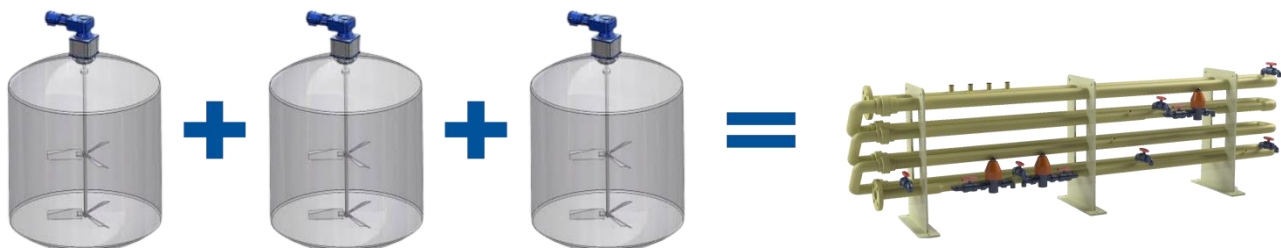


Engineered to achieve high efficiency mixing in a small footprint

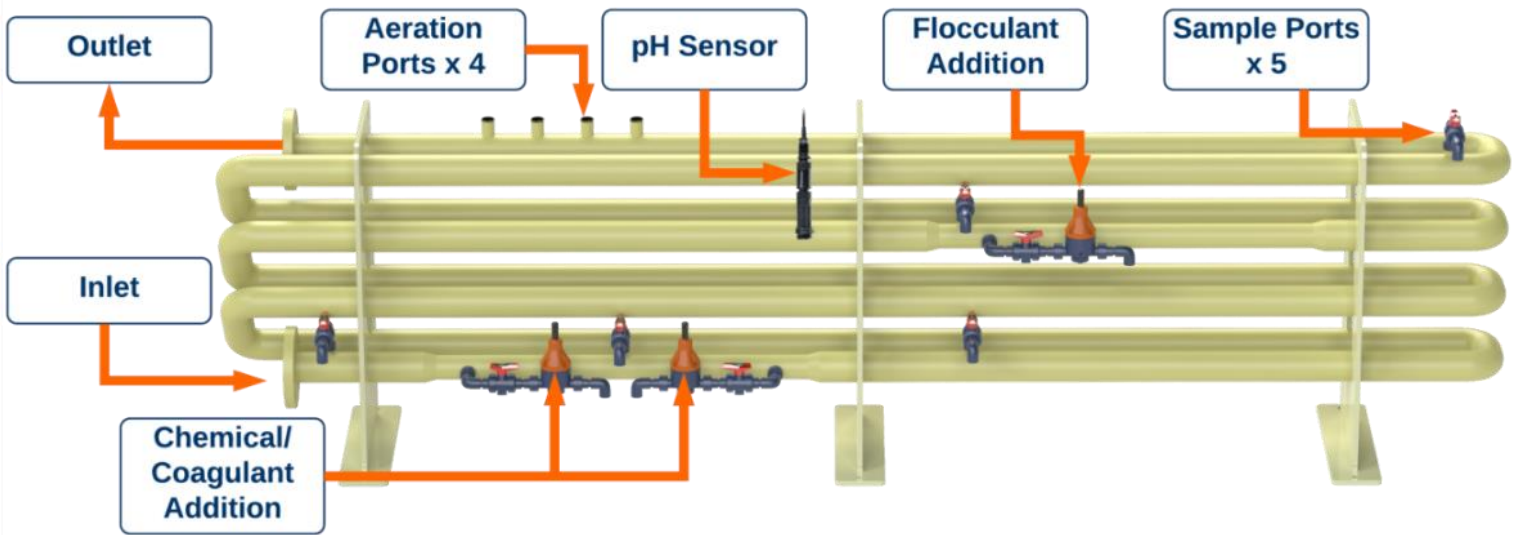
Unlike conventional tanks and mixers, the H2Flow PF series pipe flocculators use kinetic energy harnessed directly from flow of the wastewater to mix chemistry inline. PF Series Pipe flocculators can reduce chemical usage due to the high mixing efficiency, and increase the ease of chemical optimization due to the short residence time and various sample valves.

The PF pipe flocculator combines mixing zones, chemical injection ports, sampling ports, pH sensor fittings, aeration ports, and flocculation zones all into one compact unit. The material of construction is polypropylene (PP) piping with PVC fittings and injection points. It provides resistance against corrosion and abrasion. It is manufactured using external welds to ensure that the interior surface is completely smooth and does not disturb the fluid velocity profile.



Our Standard units include 3 Chemical injection ports, each port replaces a tank and mixer, so one pipe Flocculator can replace up to 3 tank and mixers!

PF SERIES Pipe Flocculator parts description and sizing chart



Model	Flow Range (m ³ /hr)	Dimensions (mm) L x W x H	Weight Empty (kg)	Weight Full (kg)
PF02	1 - 3	2500 x 350 x 650	40	60
PF05	4 - 6	2500 x 420 x 720	60	100
PF10	6 - 12	2500 x 430 x 750	85	165
PF15	10 - 18	3000 x 600 x 880	90	210
PF20	16 - 24	4000 x 750 x 950	120	280
PF30	24 - 36	4000 x 780 x 1090	130	370
PF45	35 - 56	4100 x 830 x 1100	150	510
PF60	48 - 72	4500 x 870 x 1300	190	630
PF80	64 - 96	4500 x 950 x 1350	250	850
PF100	80 - 120	4700 x 1030 x 1400	350	1100
PF140	112 - 168	4700 x 1170 x 1400	360	1160
PF180	144 - 216	5500 x 1470 x 1600	420	2000
PF240	192 - 240	5500 x 1800 x 1520	500	2050
PF300	240 - 360	5600 x 2000 x 1720	800	3200