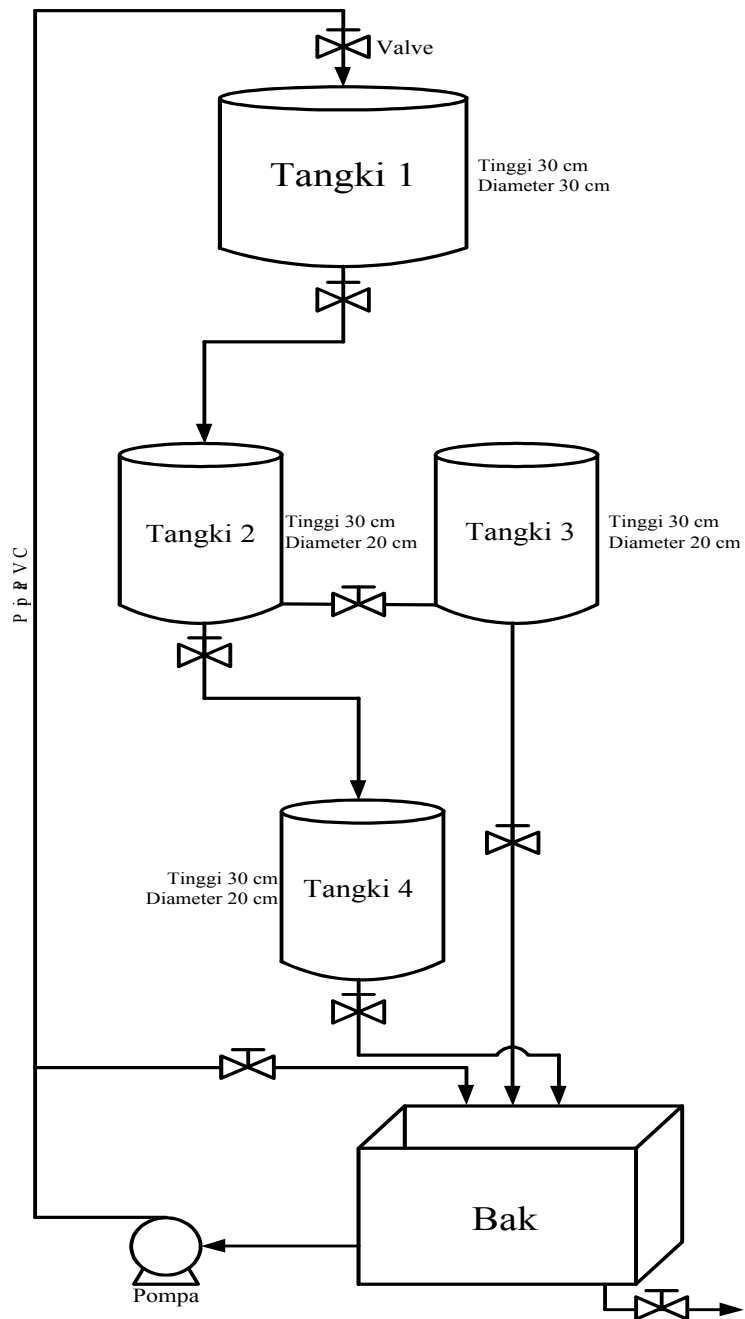


**BAB IV**  
**PERANCANGAN ALAT**

**4.1 Gambar Alat**



Gambar 7. Diagram AlirDinamika Proses  
(Anonim, 2015)

## 4.2 Spesifikasi Alat

Dinamika Proses (Aliran Fluida) dengan spesifikasi laboratorium standar sebagai berikut:

1. Dimensi : 1000 x 600 x 1800 (p x l x t) mm
2. Bak air : 440 x 330 x 310 mm, *stainless steel* thk 1,2 mm
3. *Output napple* : Dia ½ in
4. *Over flow* : Dia ½ in
5. *Gate valve* : Dia ½ in
6. *Pipe fitting* : Dia ½ in or equivalent Dia ½ in (PVC)
7. *Water pump* : in/out Dia ½ in, dengan Q = 10 s/d 31 ltr/min  
(*Shimizu*)
8. *Switch* : on-off (*water pump*)
9. *Level gauge* : *Plastic*
10. *Frame work* : *mild steel plate* (roda caster 4 in)
11. Warna : *Hino green (limite sample)*