

ECONO-FLOC SYSTEMS - MODEL 00 to MODEL 04



Model 00

0 to 250 g/hr

Plant consumption (Kg / Hr.)	0.250
Flocculent make-up concentration(%)	0.15
Dosing rate (Liter / Hour)	166.67
Hydration rate (Hours)	4.00
Calculated make-up rate (L / Hr.)	1166.67
Aging Volume	666.67
Make-up Volume	333.33
Dead Volume (150 mm)	100.00

Live tank volume (M ³)	1.00
Dosing pump size (M ³ /Hr.)	0.20
Water supply (M ³ /Hr.)	3.50
Water pressure (Bar)	3.50
Power supply (Max. Amp)	15.00
Required hopper holding volume (L)	12.00
Plant dimensions (L * B * H)	3m x 1.5m x 2m

Model 01

0 to 375 g/hr

Plant consumption (Kg / Hr.)	0.375
Flocculent make-up concentration(%)	0.15
Dosing rate (Liter / Hour)	250.00
Hydration rate (Hours)	4.00
Calculated make-up rate (L / Hr.)	1750.00
Aging Volume	1000.00
Make-up Volume	500.00
Dead Volume (150 mm)	150.00

Live tank volume (M ³)	1.50
Dosing pump size (M ³ /Hr.)	0.30
Water supply (M ³ /Hr.)	3.50
Required hopper holding volume (L)	18.00
Plant dimensions (L * B * H)	4.5m x 1.5m x 2m

Model 02

0 to 750 g/hr

Plant consumption (Kg / Hr.)	0.750
Flocculent make-up concentration(%)	0.15
Dosing rate (Liter / Hour)	500.00
Hydration rate (Hours)	3.50
Calculated make-up rate (L / Hr.)	3500.00
Aging Volume	1750.00
Make-up Volume	875.00
Dead Volume (150 mm)	262.50

Live tank volume (M ³)	2.63
Dosing pump size (M ³ /Hr.)	0.60
Water supply (M ³ /Hr.)	3.50
Water pressure (Bar)	3.50
Power supply (Max. Amp)	15.00
Calculated hopper delivery rate (g/Min)	262.50
Required hopper holding volume (L)	36.00
Plant dimensions (L * B * H)	3.5m x 3m x 2.5m

Model 03

0 to 1500 g/hr

Plant consumption (Kg / Hr.)	1.500
Flocculent make-up concentration(%)	0.15
Dosing rate (Liter / Hour)	1000.00
Hydration rate (Hours)	3.50
Calculated make-up rate (L / Hr.)	7000.00
Aging Volume	3500.00
Make-up Volume	1750.00
Dead Volume (150 mm)	525.00

Live tank volume (M ³)	5.25
Dosing pump size (M ³ /Hr.)	1.20
Water supply (M ³ /Hr.)	3.50
Water pressure (Bar)	3.50
Power supply (Max. Amp)	15.00
Calculated hopper delivery rate (g/Min)	525.00
Required hopper holding volume (L)	72.00
Plant dimensions (L * B * H)	4.5m x 3m x 3.5m

Model 04

0 to 3000 g/hr

Plant consumption (Kg / Hr.)	3.000
Flocculent make-up concentration(%)	0.15
Dosing rate (Liter / Hour)	2000.00
Hydration rate (Hours)	3.50
Calculated make-up rate (L / Hr.)	14000.00
Aging Volume	7000.00
Make-up Volume	3500.00
Dead Volume (150 mm)	1050.00

Live tank volume (M ³)	10.50
Dosing pump size (M ³ /Hr.)	2.40
Water supply (M ³ /Hr.)	3.50
Water pressure (Bar)	3.50
Power supply (Max. Amp)	15.00
Calculated hopper delivery rate (g/Min)	1050.00
Required hopper holding volume (L)	144.00
Plant dimensions (L * B * H)	5.5m x 3.25m x 3.5m

SYSTEMS ABOVE 3000 g/hr is custom-designed

Photo: Typical plant showing workmanship and quality.
Capable to design, manufacture and cold-commission systems in-house.

