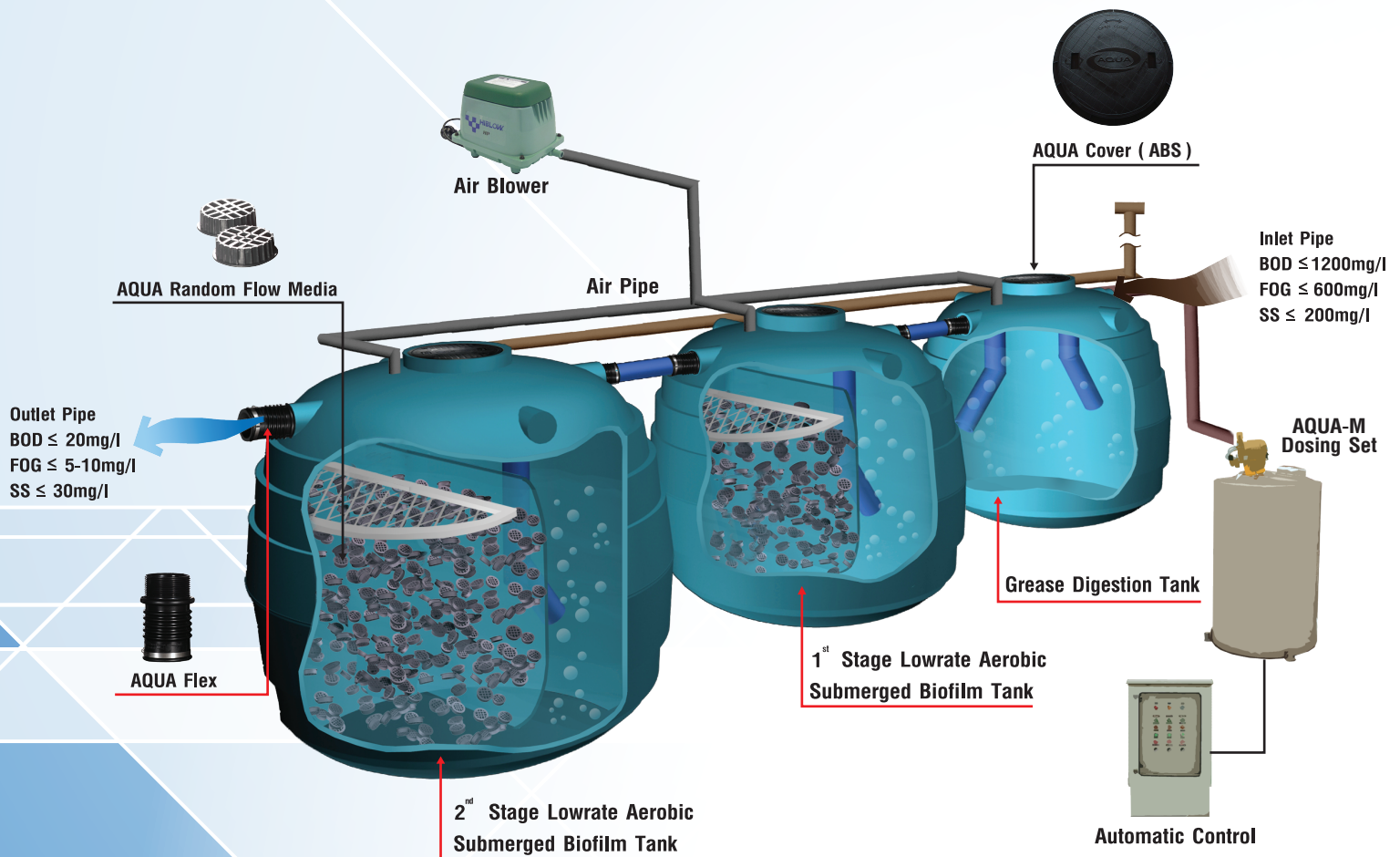


Aerokit Enzyme Tank (AKZ 01-06)

AQUA-AKZ SERIES uses aerobic treatment process with Bio-augmentation Sludge process. It consists of grease digestion tank followed by Low Rate Aerobic Submerged Biofilm. This combination ensures the quality of effluent standard.

- No need to remove grease for operation and maintenance and no odor.
- Efficient treatment with aerobic submerged Biofilm ensures FOG (Fat, Oil and Grease) will meet the effluent standard.
- Automated Control system will reduce labor work.
- Easy installation, takes little space to install (Installation can be under or over ground).
- Treatment tank is made of Polyethylene (PE).



Aerokit Enzyme Tank (AKZ 01-06)



Application and Dimensions

Tank Specification		AKZ-01	AKZ-02	AKZ-03	AKZ-04	AKZ-05	AKZ-06
Population	Flow rate (m ³ / day)	1	2	3	4	5	6
	15-20 lpcd Canteen in school / Factory / Office	50-65	100-130	150-200	200-265	250-333	300-400
	15-20 lpcd Food Store / Fast Food Store						
	Restaurant (30 lpcd)	33	66	100	133	166	200
Volume	Volume Tank 1 (litre)	800	1200	1600	2000	3000	3000
	Volume Tank 2 (litre)	1200	1600	2000	3000	3000	3000
	Volume Tank 2 (litre)	1200	2000	3000	4000	5000	6000
	Total Volume (m ³)	3.2	4.8	6.6	9.0	11.0	12.0
	Power (kW)	0.21	0.42	0.63	0.84	1.05	1.26
	AQUA-M Dosing Set (Set)	1	1	1	1	1	1
	Enzyme Tank Size (litre)	100	100	100	100	100	100
	Manhole Cover (Set)	3	3	3	3	3	3
Dimensions	Tank1 Diameter (mm.)	1100	1315	1390	1550	1760	1760
	Tank2 Diameter (mm.)	1315	1390	1550	1760	1760	1760
	Tank3 Diameter (mm.)	1315	1550	1760	1910	2030	2175
	Tank1 Height (mm.)	1450	1400	1545	1650	2030	2030
	Tank2 Height (mm.)	1400	1545	1650	2030	2030	2030
	Tank3 Height (mm.)	1400	1650	2030	2150	2325	2480
	Inlet, Outlet pipe (mm.)	100	100	100	100	100	100
	Air vent pipe (mm.)	50	50	50	50	50	50
	Air Pipe (mm.)	25	25	40	40	40	50
	Enzyme pipe (mm.)	18	18	18	18	18	18

*The company reserves the right to change and or update information without prior notice.

lpcd = litre per capita per day



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