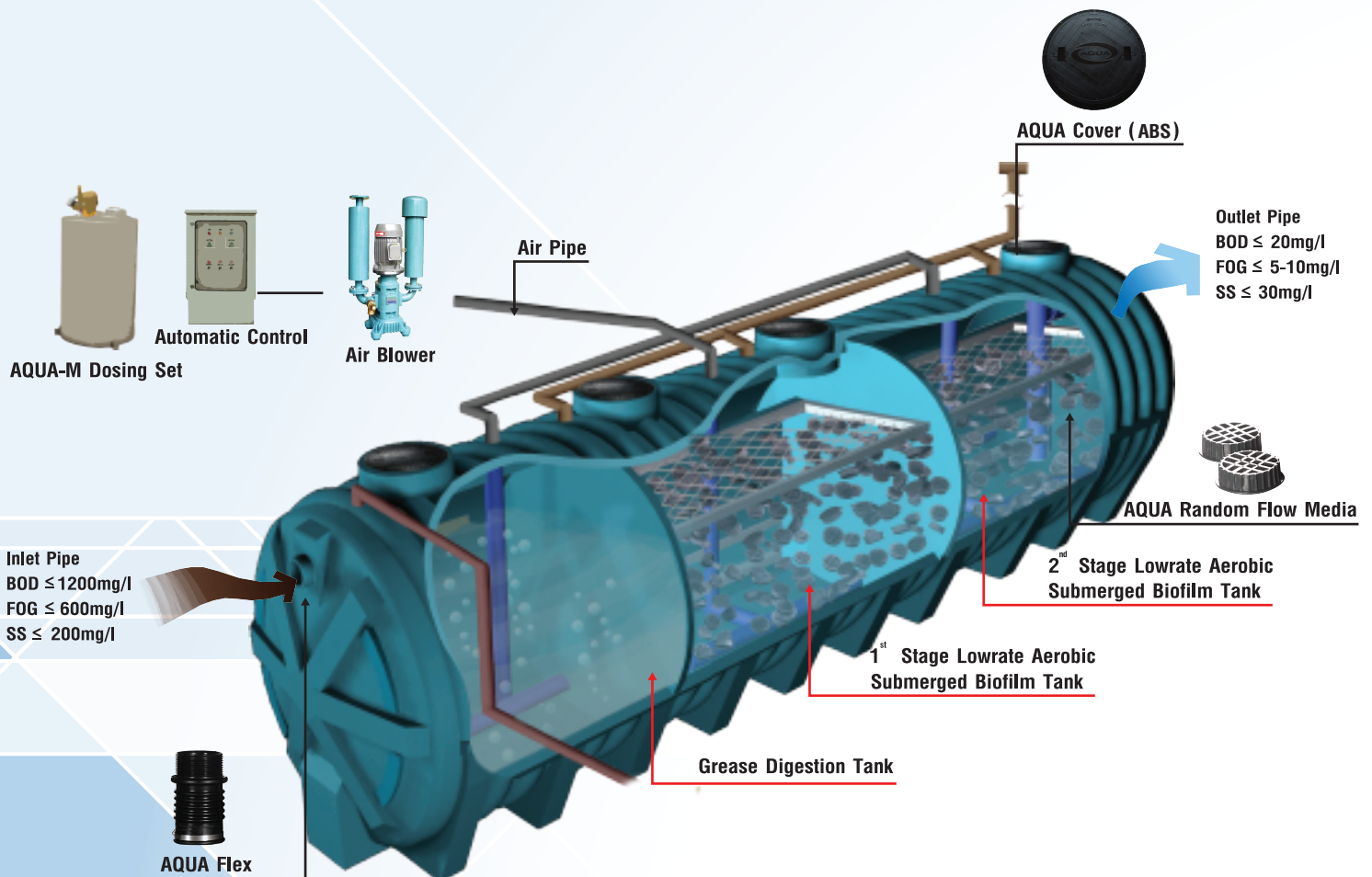


Aerokit Enzyme Tank (AKZ 07-25)

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 07-25)



Application and Dimensions

Tank Specification		AKZ-07	AKZ-08	AKZ-10	AKZ-12	AKZ-15	AKZ-20	AKZ-25
Population	Flow rate (m ³ / day)	7	8	10	12	15	20	25
	15-20 lpcd Canteen in school / Factory / Office	350-466	400-533	500-666	600-800	750-1000	1000-1333	1250-1666
	15-20 lpcd Food Store / Fast Food Store							
	Restaurant (30 lpcd)	233	266	333	400	500	666	833
Volume	Grease Digestion volume (m ³)	3.64	4.01	5.30	6.59	7.91	10.17	12.78
	1 st Stage Low rate Aerobic Biofilm volume (m ³)	4.76	5.38	6.02	6.99	8.94	11.76	11.86
	2 nd Stage Low rate Aerobic Biofilm volume (m ³)	5.90	7.14	8.38	10.20	13.08	17.06	22.84
	Total Volume (m ³)	14.30	16.53	19.70	23.78	29.93	38.99	47.48
	Power (kW)	1.5	1.5	3.0	3.0	4.4	4.4	7.4
	AQUA-M Dosing Set (Set)	1	1	1	1	1	1	1
	Enzyme Tank Size (litre)	200	200	200	200	300	300	500
Dimensions	Manhole Cover (Set)	4	5	5	6	6	8	8
	Tank1 Diameter (mm.)	1900	1900	1900	1900	1900	1900	1900
	Tank2 Diameter (mm.)	-	-	-	-	1900	1900	1900
	Tank1 Length (mm.)	7370	8460	10000	11990	8460	10900	11990
	Tank2 Length (mm.)	-	-	-	-	6920	8910	11990
	Tank1 Height (mm.)	1950	1950	1950	1950	1950	1950	1950
	Tank2 Height (mm.)	-	-	-	-	1950	1950	1950
	Inlet, Outlet pipe (mm.)	150	150	150	150	150	150	150
	Air vent pipe (mm.)	80	80	80	80	80	80	80
	Air Pipe (mm.)	50	50	50	50	65	65	80
	Enzyme pipe (mm.)	18	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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