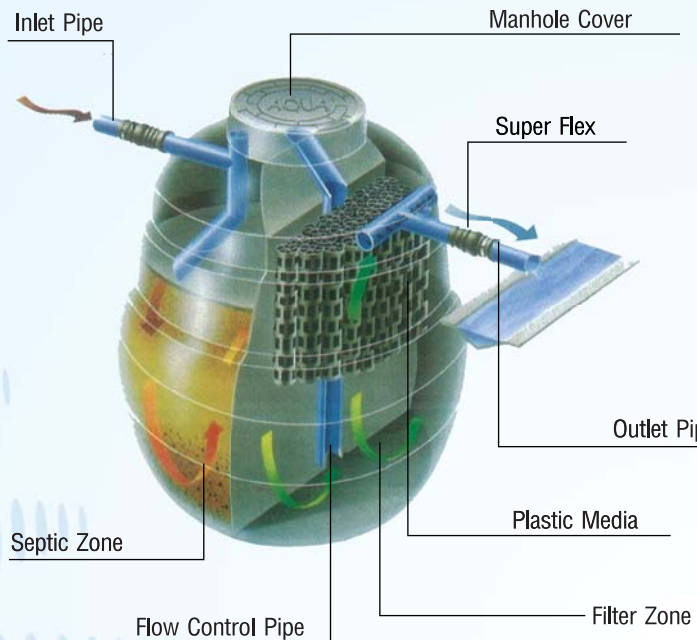


AQUA PAC (AP)

Simple , Compact with dual functions in one tank



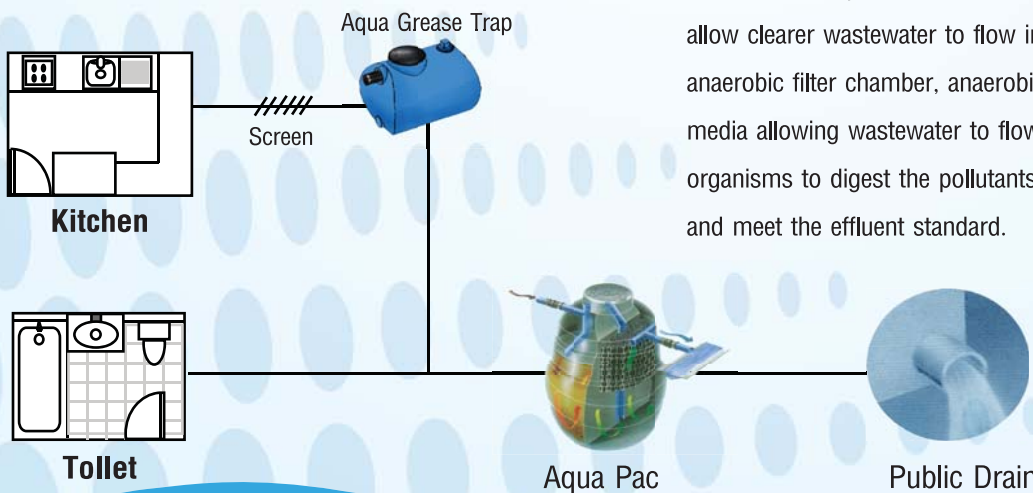
Control with Two Step Flow System

Treatment efficiency meet standard requirements

Working standard Certified by ISO9001

AQUA PAC is a package treatment tank. AQUA PAC consists of septic and anaerobic filter chamber in one tank. It is suitable for wastewater from residential area to small offices. Treated water will have quality meeting the effluent standard and can be discharged without adverse effects to environment.

Flow Chart



AQUA PAC uses anaerobic micro bacteria to digest organic matters in the wastewater. Wastewater generated from variety of activities will first flow into the septic tank where solid wastes settles to the bottom and allow clearer wastewater to flow into anaerobic filter chamber. Inside anaerobic filter chamber, anaerobic micro organisms colonizes the plastic media allowing wastewater to flow through the media for anaerobic micro organisms to digest the pollutants till wastewater become clean and meet the effluent standard.





AQUA YOU CAN TRUST



Tank body is made of Polyethylene (PE)

The type of PE is Linear Low Density Type Medium Density (LLDPE) which is standardized by Thai Industrial Standard No.816-2538. The tank is tested and approved through standardized tests by Vacuum test and Loading test and with our skilled engineering practices we can assure the tank will withstand soil pressure.

Super Flex

protects pipe from cracking caused by land subsidence (License of AQUA).

It is specially designed to protect the pipe joint to the tank and is a set with the system. This product is protected under Petty Patent No.4285 dated on June 17, 2008.



Plastic Media

is made from Polyethylene (PE) designed for durability, anti-clogging and for micro bacteria organisms to attachment on surface areas of the media.

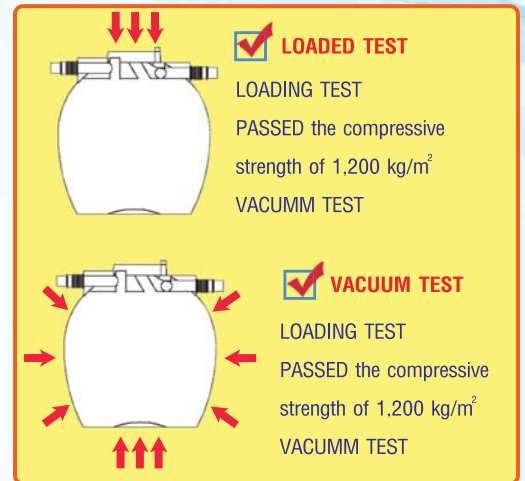


Cover is made from ABS

is an engineering plastic which is long lasting, light weighted and very durable in all weather and environmental conditions.

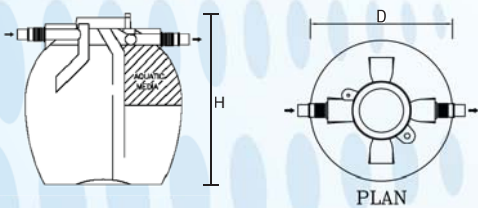


(CANA DIAN STANDARD)



AQUA SEED

consists of selected micro bacteria organisms best suited for Thai environment to enhance the micro organism digestion efficiency.



Model	Dimensions						
	Diameter (mm.)	Height (mm.)	Inlet Outlet pipe (mm.)	Air vent (mm.)	Effective Volume (Litre)	Septic Zone (Litre)	Filter Zone (Litre)
AP-1200	1315	1400	100	50	1200	790	410
AP-1600	1390	1545	100	50	1600	1050	550
AP-1800	1510	1635	100	50	1800	1200	600
AP-2000	1550	1650	100	50	2000	1300	700
AP-2230	1550	1750	100	50	2230	1500	730
AP-3000	1760	2030	100	50	3000	2000	1000
AP-4000	1910	2150	100	50	4000	2700	1300
AP-5000	2030	2325	100	50	5000	3350	1650
AP-6000	2175	2480	100	50	6000	4000	2000

Model	Population										Canteen
	Residential		Office		Academics (All Activities)		Factory (All Activities)		Factory (All Activities)		
	All Activities 200 lpcd	All Activities 80 lpcd	All Activities 80 lpcd	(All Activities) 60 lpcd	All Activities 80 lpcd	Toilet Only 60 lpcd	Water Pour 50 lpcd	Water Closet 80 lpcd	Water Pour 40 lpcd	Water Closet 60 lpcd	
AP-1200	3	8	8	10	8	10	13	8	16	10	32
AP-1600	5	11	11	14	11	14	17	11	22	14	44
AP-1800	6	12	12	16	12	16	19	12	24	16	48
AP-2000	7	14	14	18	14	18	22	14	28	18	56
AP-2230	7	15	15	20	15	20	24	15	30	20	60
AP-3000	8	20	20	27	20	27	32	20	40	27	80
AP-4000	10	26	26	34	26	34	41	26	52	34	104
AP-5000	13	33	33	44	33	44	52	33	66	44	132
AP-6000	16	40	40	53	40	53	64	40	80	53	160

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

lpcd = litre per capital per day