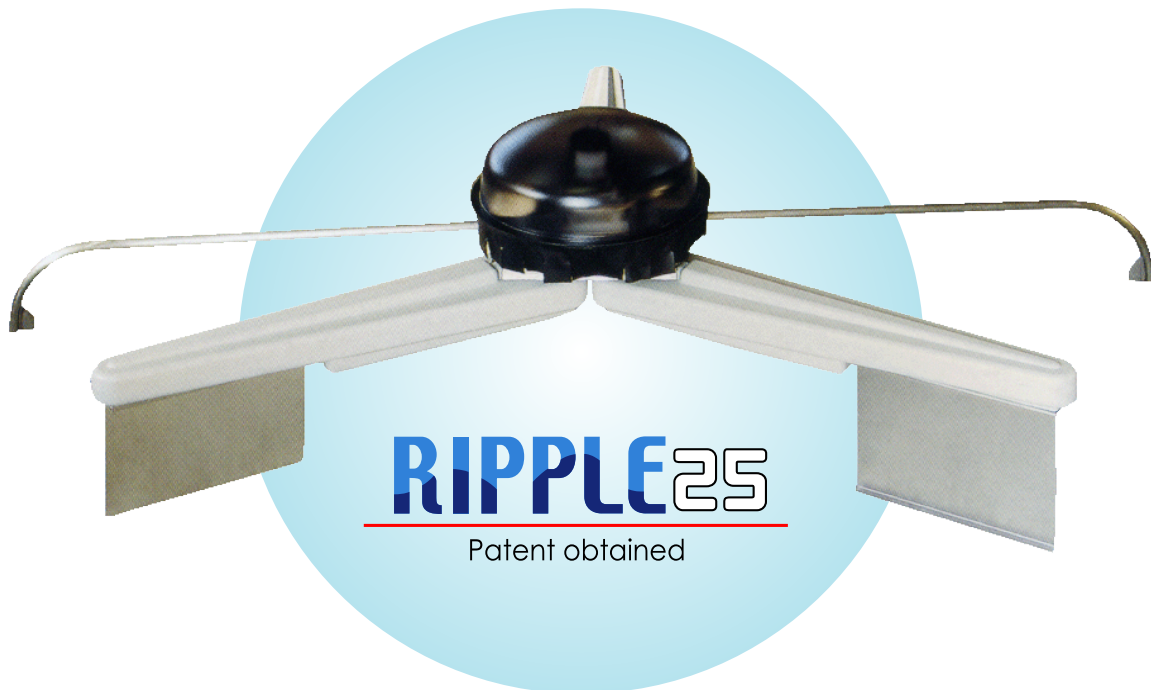


Water depth	1.0m	1.5m	2.0m
Area of water bottom activity	2,300m ² ~4,500m ²	1,000m ² ~2,000m ²	560m ² ~1,200m ²
Farm water quantity	900t/h (15t/min)		
Total length	2,200mm		
Weight	Approx. 26kg		
Warranty Years	One year		
	AC100V (Power code 30m) Input51W Output 25W (50/60Hz)		
Electricity costs	Approx. 432 yen / month		

		Pond with 2 water wheels/A	Pond with 1 Ripple Test Device/B	B/A ratio of change
BOD	mg/l	3.0	2.2	0.73
COD	mg/l	11	8.0	0.73
PH	(Water temp.°C)	8.4(12)	8.5(12)	8.4(12)
SS	mg/l	13	2	0.15
Total nitrogen	mg/l	0.84	0.52	0.62
Total phosphorus	mg/l	0.33	0.14	0.42
Iron	mg/l	3.98	1.40	0.35
Manganese	mg/l	0.12	0.04	0.33
Clarity	Degrees	10	20	2.00
Turbidity Color	Degrees	24	12	0.50
Color degree	Degrees	64	33	0.52


Results of Energy Cost Comparison

Pond conditions	RIPPLE25			Water wheel (1 h.p. converted)			Annual electricity cost		Difference (RIPPLE)	
	No. of units	※2	Electricity cost/month	No. of units	※2	Electricity cost/month	RIPPLE25	Water wheel	Power consumption	Electricity cost
1, 000m ³	1	25W	432 yen	2	1. 5 K W	21,384 yen	5,184 yen	256,608 yen	1/60	1/49
2, 000m ³	2	25W	432 yen	3	2. 2 K W	31,363 yen	5,184 yen	376,356 yen	1/88	1/72
3, 600m ³	2	50W	864 yen	4	3. 0 K W	42,768 yen	10,368 yen	513,216 yen	1/60	1/49
5, 200m ³	2	50W	864 yen	5	3. 75 K W	53,460 yen	10,368 yen	641,520 yen	1/75	1/61
7, 500m ³	3	75W	1,296 yen	6	4. 50 K W	64,152 yen	15,552 yen	769,824 yen	1/60	1/49