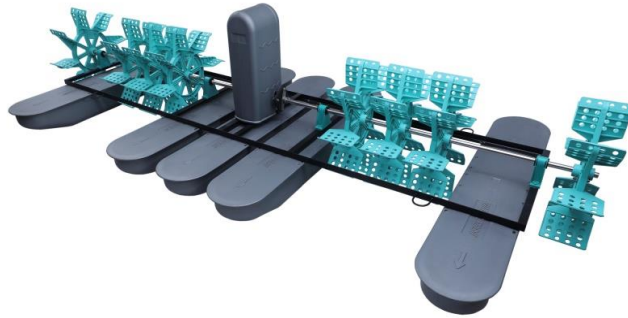


## 4 HP 8 Paddle Wheel Aerator - Specifications



### Spare Parts Product Table

Item	Parts Name	Quantity /Set	Sort Specification			
1	Motor	1	IE Class - 2 ISI mark Motor With Termo Center, CED Coating and F Class Insulation			
2	Gear Box	1	Bevel - Helical Type Gear Box With CED Coating			
3	Movable Joint	2	Stainless Steel - 304 with High Quality Rubber			
4	HDPE Float	5	Virgin HDPE with UV			
5	Impeller	8	Virgin Plastic with UV			
6	HDPE Cover	1	Virgin HDPE with UV			
7	Shafting	2	Stainless Steel - 304 L Sleeve inside Solid Rod			
8	SS Frame	1	Stainless Steel - 304 L Angle			
9	Tripode	4	Virgin Plastic with UV			
10	SS Blot Kit	1	Stainless Steel - 304			
11	Gear Box Oil	1	Synthetic Gear Box Oil			
KW	HP	VOLTAGE	HZ	POWER EFFICIENTY	DO	AMP
3	4	380 - 415	50 & 60	2.25	4.6-5.1	4.1 - 4.9

## Product Use

4HP Paddle Wheel Aerator is specially design for extensive & modified extensive Shrimp/ Prawn & Fish Aqua Culture. It helps to increase DO (Dissolve Oxygen), it takes low AMPS, due to more depth of impeller in water it creates much oxygen and water current. Due to this farmers can enjoy the product and increase the productivity & quality of the shrimp/fish.

### 1. Motor 4 HP



**Rated Power : 3 KW**

**Phase: 3 Phase**

**Voltage: 380 - 415V**

**Rated Frequency: 50Hz/60Hz**

**Speed(RPM):1440/1770**

**Motor Body: Casting Body With CED Coating**

**Color: Epoxy Dark Grey**

- Our motor is ISI Marked IE Class -2 with IP 55 standard to protect from dust & water
- Our Thermo Sensor technology cuts the power when voltage goes high which avoids motor burning issue
- We providing CED coated & Epoxy primer body which protect motor from Corrosion with long life more than 3 years.
- We are using SKF Bearing smooth running and long life of bearing.
- Our Rotor made by pressure die casting with air fins, which keep motor temp. cool.
- Our Motor fan made by nylon with glass feel material due to this fan never burn Or melt.

### 2. Bevel Gear Box



**RPM : 106**

**Reducing Ratio : 1:13**

**Gear Type: Bevel & Helical**

**Body : Cast Iron Body With CED Coating**

**Shaft OD : 25mm**

**Shaft: SS304**

**Color: Epoxy Dark Grey**

- Due to Bevel type gear box, it's saving 20% power consumption compare to Worm type gear box.
- We providing CED coated & Epoxy primer gearbox which protect motor from Corrosion with long life more than 3 years.
- Our gears having long life and water can't enter into the body, because we are using external sleeve.
- Our gear body machining done by HMC machine for accurate Fitting & perfect output.
- We are using HCH Bearing for smooth running and long life of bearing.
- We are doing 100% noise level testing and water leakage for best quality.

### 3. Stainless Steel Movable Joint



**Material : SS - 304**

**Rubber : Superior Quality 15mm thick rubber**

**Bolt : SS - 304**

- It doesn't get rust due to SS 304 material
- We are using heavy rubber for long life
- After harvesting you can easily open up, due to SS 304 bolt

#### 4. HDPE Float



**Material : HDPE Virgin**

**Weight : 6.5 to 6.7 KG**

**Colour: Silver**

**Length : 174 CM (5 Feet 8.5")**

**Width : 33.02 CM (13")**

**Height : 20.32 CM (8")**

- Our floater having enough thickness and heavy weight, so it has long life.
- It never get affected by direct sunlight due to adding 4% UV

#### 5. Impeller



**Material : Virgin PP**

**Weight : 2.4 KG**

**Bush : Brass**

**Dia : 68 CM**

**Width : 19.8 CM**

**Color: Blue**

**Type : Single Mould**

- Due to Single Mould Impeller, it creates more water flow and spread more water
- Brass bushing protect from rust
- It never get affected by direct sunlight due to adding 4% UV

#### 6. HDPE Gear - Motor Cover



**Material : HDPE Virgin**

**Weight : 2.3 to 2.4 KG**

**colour: Silver**

**Length : 32 CM**

**Width : 24 CM**

**Height : 65.5 CM**

- Our motor cover having enough thickness and heavy weight, so it has long life.
- It never get affected by direct sunlight due to adding 4% UV

#### 7. Shafting



**Material : SS - 304 L Solid Rod**

**Weight : 9 to 10 KG**

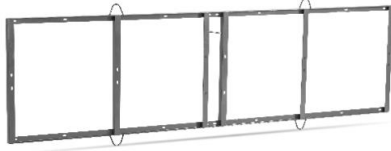
**Grow : Made by HMC Machine**

**Die : 25 MM**

**Length : 85CM**

- It has 100% rust proof due to SS 304 Solid Rod
- It is heavy and having long life, due to using SS 304 material with solid bar

### 8. Stainless Steel Frame



**Material : SS - 304 Original L Angle**

**Weight : 15 KG**

**Colour: Powder coating for better look**

- It gives more stability to aerator in running condition because it is original L Angle heavy frame
- To protect from rust we used SS 304 material with powder coating

### 9. Tripode



**Material : Virgin Plastic With UV**

**Weight : 0.3 KG**

**Colour: Blue**

- It never get affected by direct sunlight due to adding 4% UV

### 10. SS Bolt Kit



**Material : Stainless Steel - 304**

**Bolt : 30 Pcs.**

**Nut: 30 Pcs.**

**Washer : 54 Pcs.**

- It can't get rust easily due to SS 304 material used

### 11. Gear Box Oil



**Material : Mineral base Synthetic Oil**

**Company: HP EP Parthenon - 320**

**Volume : 1.25 Litre**

- 1.25 Litre oil we are providing with aerator for our customer's easyness.