



# **Fountain Aerator Catalog**

# Series 1- Morning glories water type

Model Data	PDS-PQ3	PDS-PQ8	PDS-PQ12	PDS-PQ15	PDS-PQ22	PDS-PQ30
Power(KW)	0.35	0.75	1.2	1.5	2.2	3.0
Voltage(V)	220	220/380	220/380	220/380	380	380
Water Height (Meter)	1.3	1.5	1.6	2-2.2	2.3-2.5	3.2
Water Diameter (Meter)	3-5	4-5.5	5-6	5.5-6.5	7-9	9-10
Flow(m <sup>3</sup> /h)	90	160	210	300	360	410
oxygenation capacity (kgo <sub>2</sub> /h)	0.8-1.5	2.0-3.0	2.8-3.6	3.2-4.0	4.0-5.0	5.3-6.2
DimensionDxH (mm)	900x560	900x560	900x560	900x590	900x630	900x650
Gross Weight(Kg)	26	28	28	30	32	33



## Product Features:

- ▷ Body material is 304 and 316L, Completely corrosion resistant.
- ▷ The floating body is a patented saucer-shaped pontoon with a scientific and beautiful design that is more reasonable and efficient. It is easy, quick and flexible to assemble, and the material is HDPE high-density polyethylene composite material that is completely resistant to various corrosive water bodies.
- ▷ The fountain aeration system is fully automated, requiring no machine room or piping.

# Series 2- Morning glories with central water column

Model Data	PDS-QSP12	PDS-QSP15	PDS-QSP22	PDS-QSP30	PDS-QSP40
Power(KW)	1.2	1.5	2.2	3.0	4.0
Voltage(V)	380	380	380	380	380
Water Height for central column(Meter)	4-4.5	4-5	6-7	7-8	9
Morning glories Diameter (Meter)	13	13	15	16	16.5
Head (m)	8	12	16	18	22
Flow(m <sup>3</sup> /h)	16	25	40	60	80
oxygenation capacity (kgo <sub>2</sub> /h)	0.8	0.88	1.06	1.3	1.6
DimensionDxH (mm)	900x580	900x580	900x600	900x630	900x630
Gross Weight(Kg)	30	31	35	40	46



# Series 3- straight water column

Model Data	PDS- QSP12A	PDS- QSP15A	PDS- QSP22A	PDS- QSP30A
Power(KW)	1.2	1.5	2.2	3.0
Voltage(V)	380	380	380	380
Water Height (Meter)	5	6	7-9	8-11
Head (m)	8	12	16	18
Flow(m <sup>3</sup> /h)	25	30	40	60
oxygenation capacity (kgo <sub>2</sub> /h)	0.8	0.88	1.06	1.3
DimensionDxH (mm)	900x580	900x580	900x600	900x630
Gross Weight(Kg)	30	31	35	40



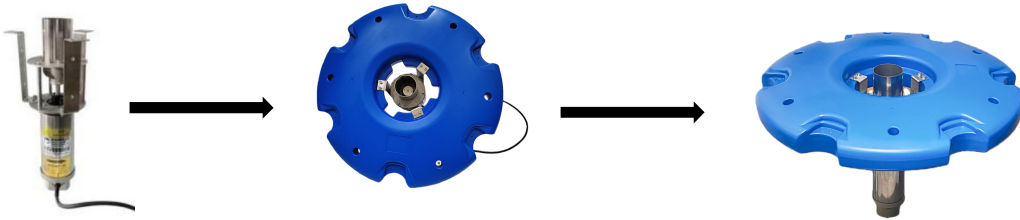
# Series 4- Fountain Spring Aerator

Model Data	PDS-YQ8	PDS-YQ12	PDS-YQ15	PDS-YQ22
Power(KW)	0.75	1.2	1.5	2.2
Voltage(V)	220/380	220/380	220/380	380
Water Height (Meter)	0.5	0.6	0.8	1
Water Diameter (Meter)	1.1	1.2	1.5	1.8
Flow(m <sup>3</sup> /h)	180	230	300	360
oxygenation capacity (kgO <sub>2</sub> /h)	2.0-2.8	2.9-3.6	3.6-4.3	4.0-5.1
DimensionDxH (mm)	900x560	900x560	900x590	900x630
Gross Weight(Kg)	26	26	28	30



# Product assembly steps

- 1. Install the three Z-shaped connecting rods on the main unit mounting plate;
- 2. Secure the float to the connecting rods with M8 screws
- 3. After assembly, place the protective net on top.



## Fixed Methods

1. Secure ropes at symmetrical positions on both sides of the water's shore.
2. Insert steel poles into the mud bottom of the water (with the left and right poles more than 80 centimeters away from the floating body) and fix them with ropes.
3. Use stones and concrete bricks to sink to the bottom of the water (both sides of the anchor block should be at least 5 meters away from the floating body), and secure with ropes.

The rope can be made of 8 to 10mm nylon rope or 6mm steel wire rope.

Floating installation and fixing method, with inserted rods and anchor blocks fixed as shown in the following figure.

