Centrifugal Pump

STP Series – Heavy Duty Centrifugal Pump

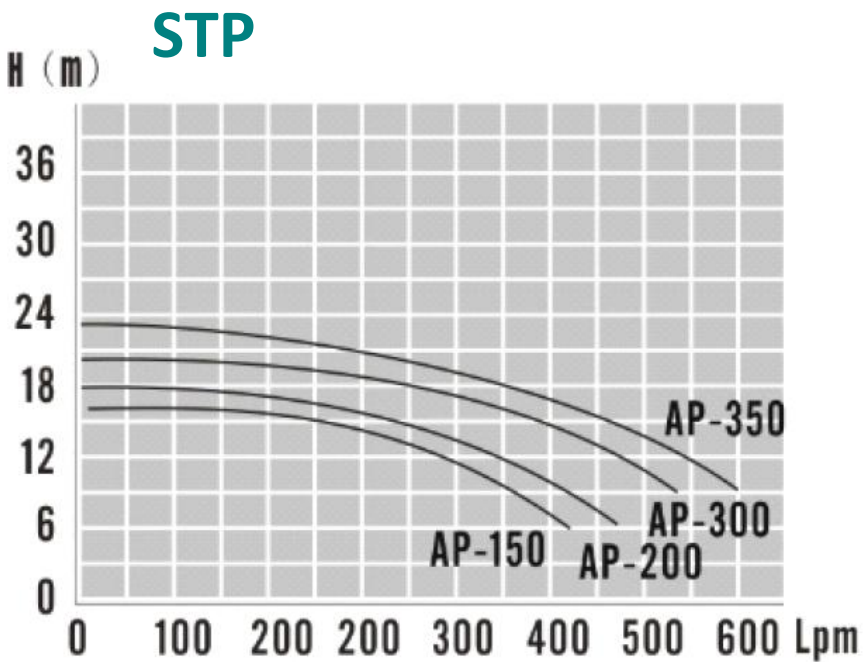
STP

Applications

Specially engineered to deliver ultra-performance for both high and medium head installations. Pump components are molded thermoplastics for superior strength and durability. This ultra quiet, rapid priming pump is designed to exceed builder, service professional and consumer requirements.

Features

1. Superior high performance.
2. More efficient and dependable than virtually any other pumps.
3. Improved 1.5, 2.0, 3.0, 3.5 hp flow.
4. Ultra rapid priming.
5. Ultra quiet.
6. Anti spin-off impeller.
7. Giant strainer basket.



Technical Characteristics

Model	Output (kw)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Port Size (inch)	Motor Voltage (V)	HP
STP-150	1.1	600	275	350	16	Φ2.0	220	1.5
STP-200	1.5	600	275	350	17	Φ2.0	220	2.0
STP-300	2.2	610	275	360	20	Φ2.0	220/380	3.0
STP-350	2.6	610	275	360	21	Φ2.0	220/380	3.5

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Features

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3. Improved 1.0, 1.5, 2.0hp flow.
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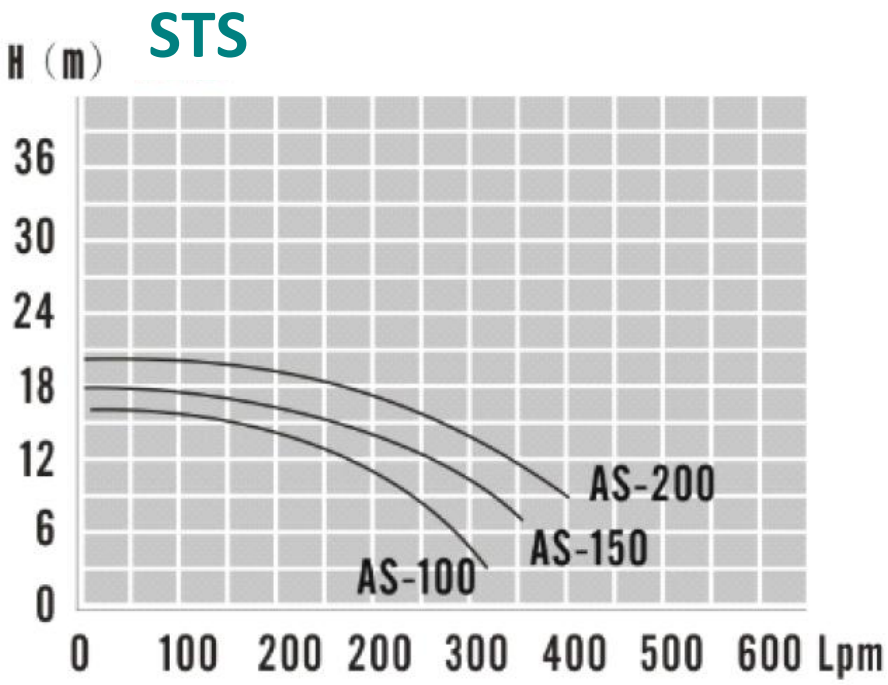
6. Anti spin-off impeller.



Technical Characteristics

Model	Output (kw)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Port Size (inch)	Motor Voltage (V)	HP
STS-100	0.75	533	240	335	13	Φ1.5	220	1.0
STS-150	1.1	533	240	335	14	Φ1.5	220	1.5
STS-200	1.5	533	240	335	15	Φ1.5	220	2.0

Supplementary Information:

1. Material : Thermoplastics
2. Country of origin: Guangdong ,China (Manufacturer for Italy)
3. Type or Rated Capacity or Rated Head or Rated efficiency or Rate speed or other : see the line drawing above
4. The motor casing material : Aluminium

Micro-Air Tube

1. Newly developed aeration technology and extremely simple to use.
2. Reduction in energy costs, significantly higher oxygen transfer rates, higher dissolved oxygen (DO) levels, and an improved bottom line.
3. High efficiency & low cost.

Technical Characteristics

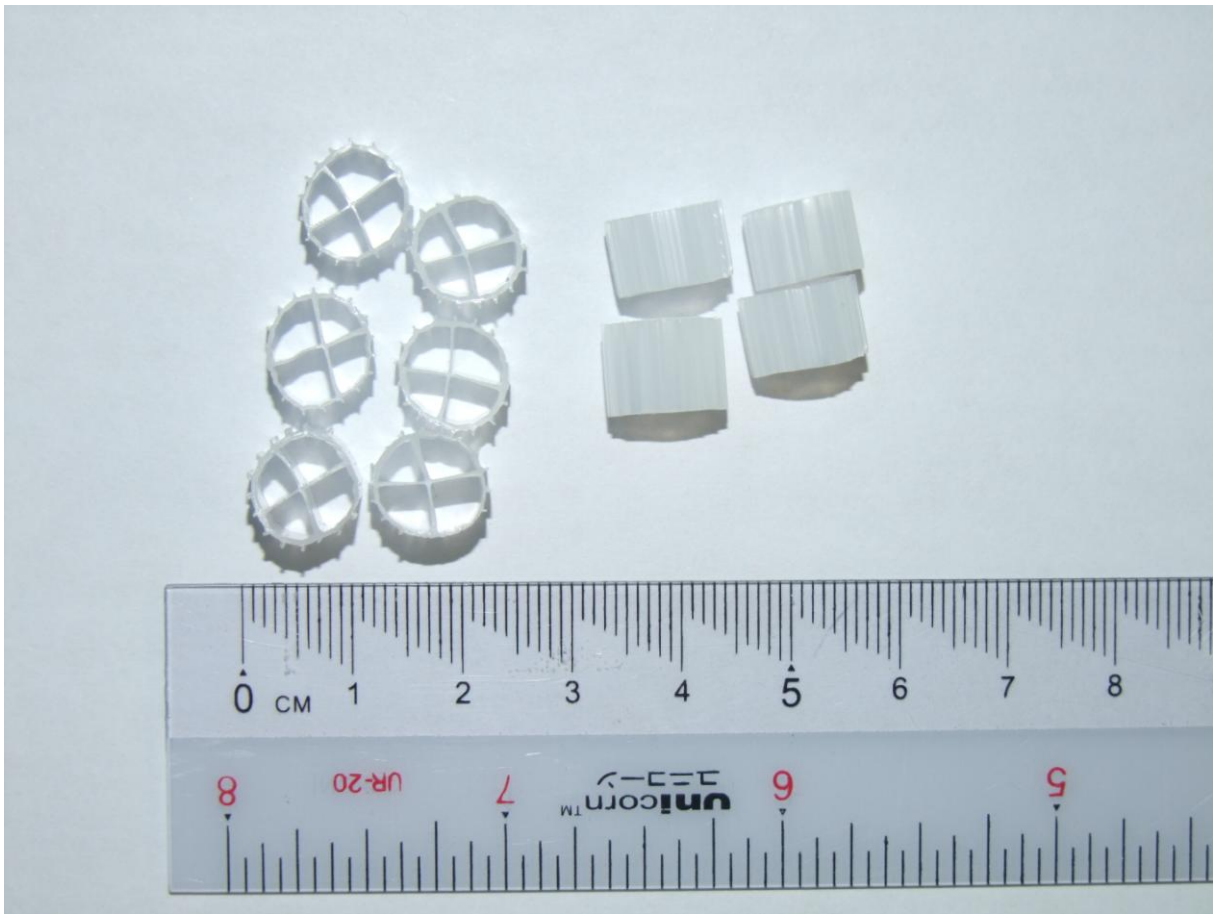
Model	Outside Diameter	Inside Diameter	Wall Thickness	Weight	Roll Length	Roll Weight	Burst Pressure
MAT-150	1.525cm	1.0cm	0.26cm	0.128kg/m	50m	6.9kg	5.0bar

Micro-Air Tube

Power of Air Blower (KW)	Length of tube (Meter)	Water depth (Meter)	Water surface (M^2)
1.0	250	1.5	4,000
1.5	400	1.5	6,000
2.0	500	1.5	8,000
3.0	800	1.5	12,000
4.0	1000	1.5	16,000

*Applicable for the normal density of farming ONLY = **10kg/m^2**

Micro Bio-Ring



1. Large specific surface area , Superior bacterial adhesion and colonization
2. Accelerated bacterial adhesion due to the particular formula and processing, surface texture and grade of plastic used.
3. Distinctive appearance, Resistance to loading shock and clogging
4. Low cost per unit surface area
5. Long service life and ease of maintenance.

Technical Characteristics

Model	Size (mm)	Density (g/cm^3)	Specific Surface Area (m^2/m^3)	Bio-film formation duration (days)	nitrification efficiency (gTAN/m3/day)	preferential temperature (℃)	Services life (years)
MBR-02	Φ11*10	0.14	>800	5-15	750	<65	≥10

Venturi Injector

Technical Characteristics

Model	Lemgth (mm)	Water Flow Rate (ton/hr)	Inlet/Outlet Diameter (External Screw Thread)	Valve Bonnet of Gas Inlet (inch)	Material	RRP (RM)
VI 011	100	0.1 to 1.0	½”	¼”	PVDF	90
VI 011	152	1.0 to 3.0	¾”	¼”	PVDF	115
VI 310	230	3.0 to 10.0	1”	½”	PVDF	200
VI 1025	275	10.0 to 25.0	1 ½”	½”	PVDF	350