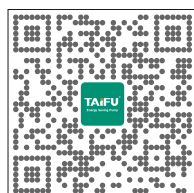


TAIFU[®]
Energy Saving Pump
STOCK CODE : 300992

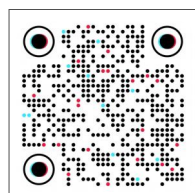
GENERAL CATALOGUE



WEB.



TIKTOK



ZHEJIANG TAIFU PUMP CO.,LTD.

📍 5, Longmen Road, East Industry Center, Wenling, Zhejiang, China P.C: 317511

☎ 0086-576-8631 2865

✉ taifu@chinataifu.com

RoHS

سابر
saber

SP
C US

CE

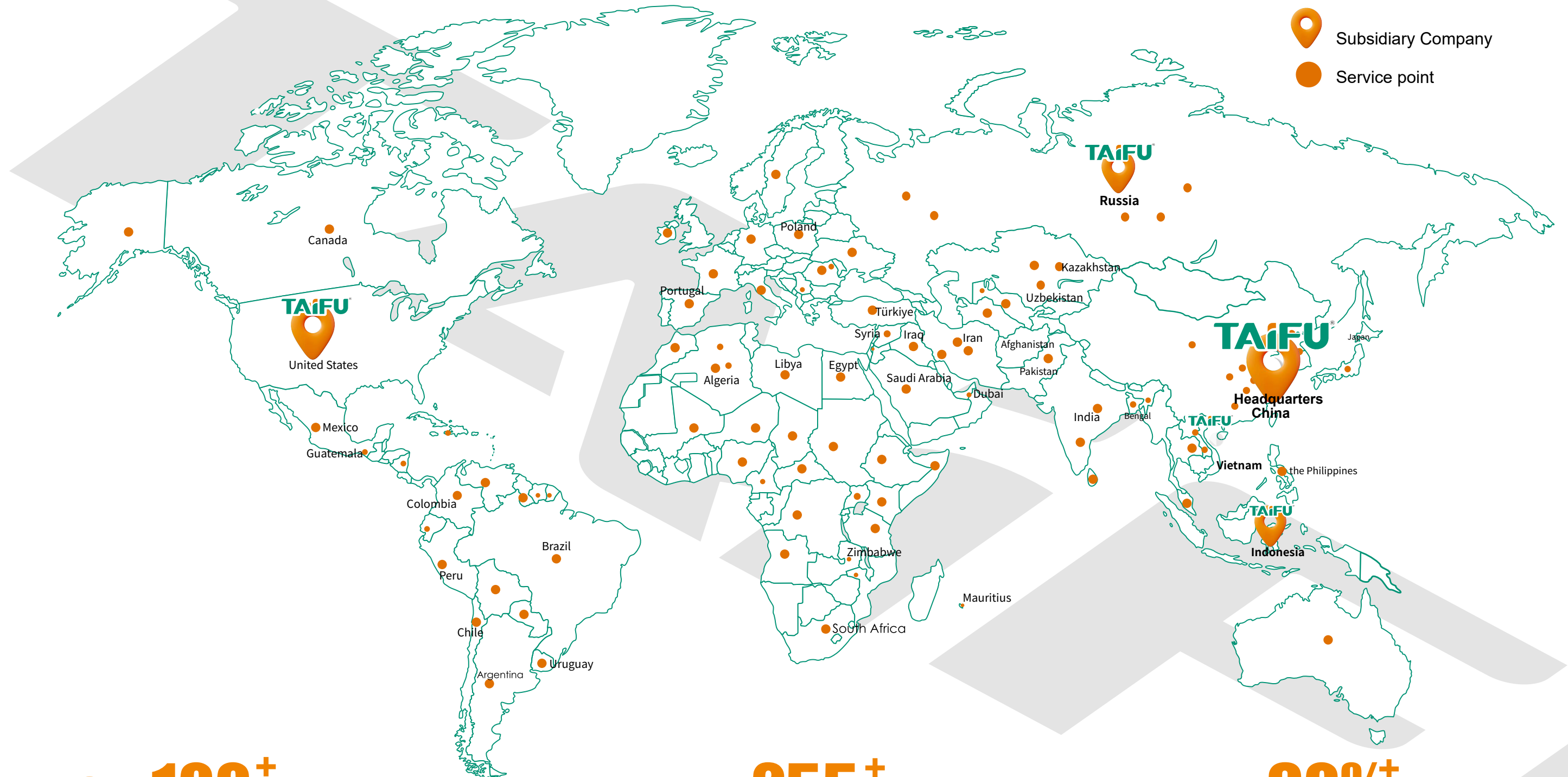
ISO
9001

ISO
14001

SGS

ISO
45001

GLOBAL MARKET



100⁺

Spreading over more than 100 countries.



255⁺

Overseas Partners



60%⁺

Dual brand, OEM, ODM customers over 70%

FULL CATEGORY PRODUCT LAYOUT DRIVES INDUSTRIAL UPGRADING

TAIFU has achieved 80% automatic production of core components and 90% of spare parts through continuously automatic updated production equipments.

High-end equipments can ensure effective control of products quality,make the production more advanced, significantly improve the production efficiency, greatly improve working environment, and continuously improve products' quality and market cornpetitiveness.

In order to pursue the quality concept of processing, standardizing refinement and branding, TAIFU will make solid progress towards the goal of becoming a smart factory!

80%

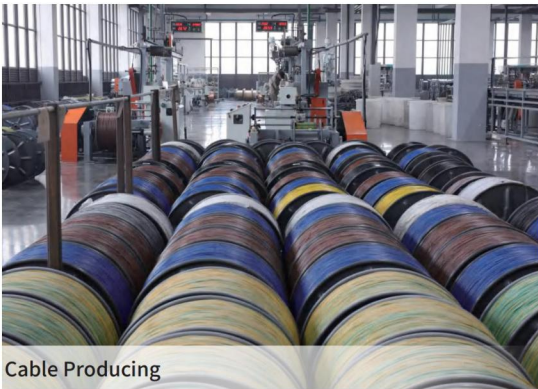
80% automatic production
of core components

90%

90% of spare parts production



Injection Workshop



Cable Producing



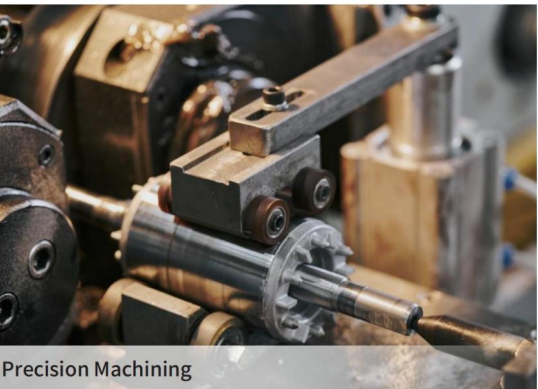
Aluminum Die-casting



Automatic Molding



Sand Processing Line



Precision Machining



Copper Impeller Manufacturing



Motor Manufacturing



Surface Treatment



PCB



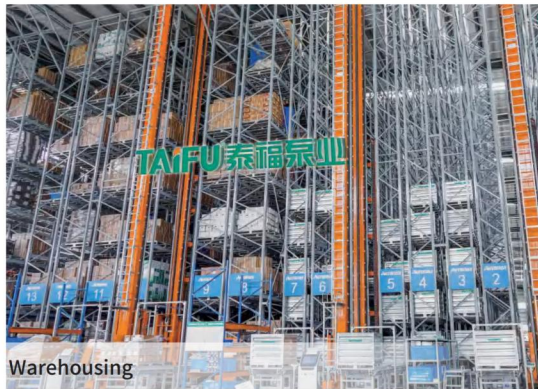
Performance Testing



Durability Testing



Assembly



Warehousing



Shipment

LEADING TECHNOLOGY AND PRODUCTION PROCESS

Build core power of competitiveness
Enhance added value of innovation

130⁺
R&D personnel

The company following a quality first path by strictly implementing the theory of "Market oriented, innovation, quality and customer satisfaction" to get a lot of certificates, such as ISO9001 (Quality Management System), ISO14001 (Environmental Management System), ISO45001:2018(Occupational Health and Safety Management System) as well as CE, CSA certificates and so on in order to adapt the demand of national markets.

170⁺
National Patent

It has an international and systematic R & D team led by doctors and senior engineers,implements a talent training mechanism of "introducing and going out", combines production, learning and research with universities and colleges in Zhejiang University and carries out research on new energy, new materials and new technologies.



CONTENT

UT		01	SGJ		45
Utility pumps			Shallow well jet pumps		
SU		05	ASGJ		49
Sump pumps			Automatic booster pumps		
BW		09	JET		53
Sump pumps			Shallow well jet pumps		
DSP		13	ATJET		57
Sump pumps			Shallow well jet pump and tank system		
GP GS		17	PGJ		61
Sump pumps			Sprinkler pumps		
PC		21	GRS		65
Pool cover pumps			Circulating pumps		
SWO		25	GRS-F		69
Sewage pumps			Circulating pumps		
SWI		29	GRS-Z		73
Sewage pumps			Circulating pumps		
WPS		33	GRH		77
Sewage pumps			Circulating pumps		
4STM		37	MASTER400 MASTER600		81
Submersible deep well pumps			Auto peripheral booster pumps		
4TMS		41	MISTER		85
Submersible deep well pumps			Domestic micro booster pumps		



- Clean Water
- Civil use
- Agricultural use

PERFORMANCE RANGE

- Flow rate up to **4450GPH**
- Head up to **36.5ft**

ADVANTAGES & FEATURES

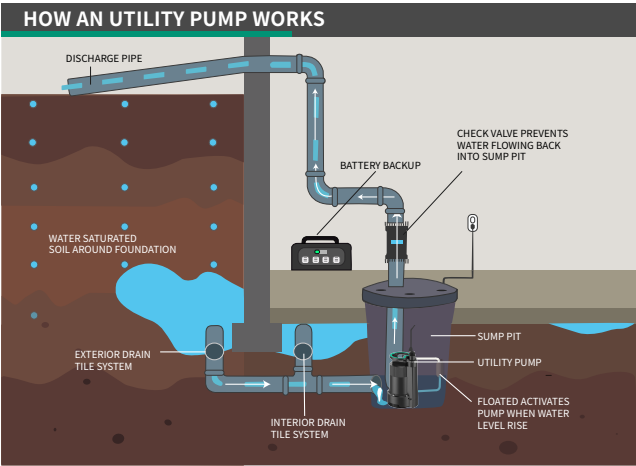
- The whole body is made of engineering plastics with strong corrosion resistance
- Copper motor, Class F insulation
- The high-speed stamped stator and rotor can improve the efficiency of the motor

WORKING CONDITIONS

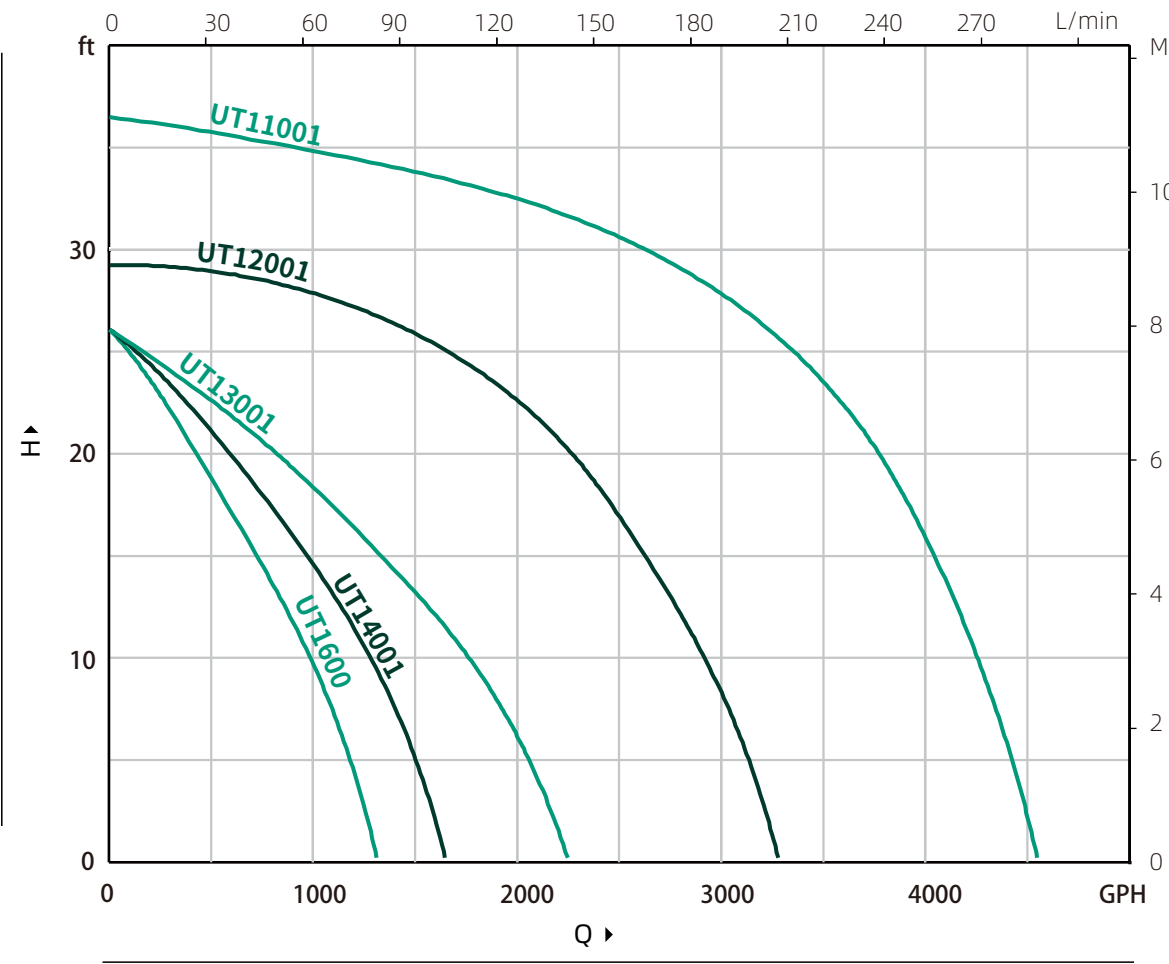
- The temperature of liquid: < +40°C
The PH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x10³ kg/m³
- Immersion depth: 0.5m-5m

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits. Sump pump can protect your basement from seepage and pump out water that collects where it should not be.



PERFORMANCE CURVE

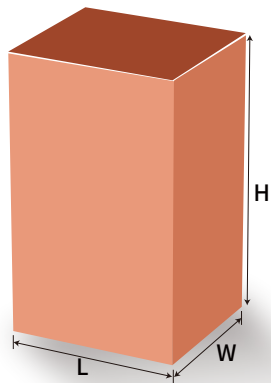


PERFORMANCE PARAMETERS

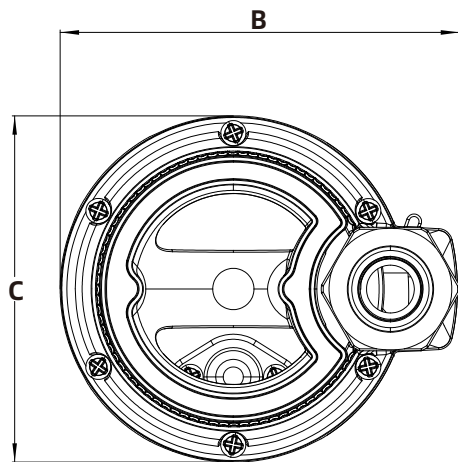
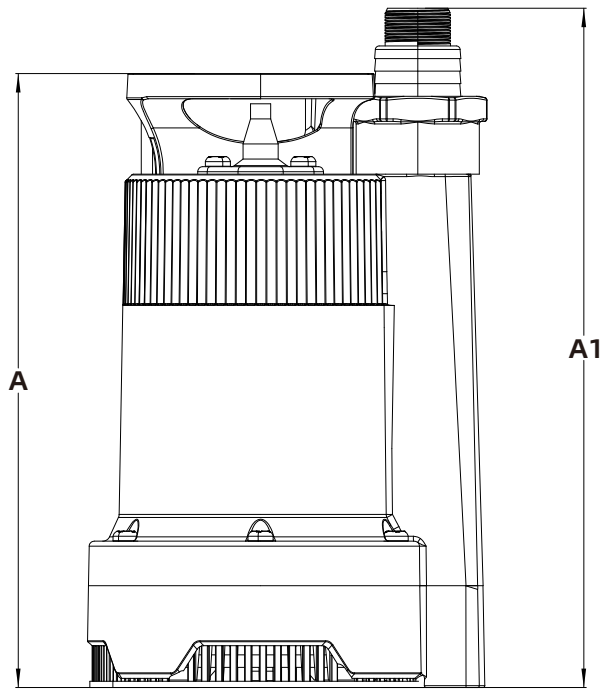
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
UT016001	1/6	115V	3.5A	1-1/4"	1175	980	715	420	85	--	--	26
UT014001	1/4	115V	3.8A	1-1/4"	1495	1200	960	580	120	--	--	26
UT013001	1/3	115V	5.1A	1-1/4"	2050	1750	1320	800	150	--	--	26
UT012001	1/2	115V	4.4A	1-1/4"	3130	2910	2620	2260	1640	--	--	29
UT011001	1	115V	5.2A	1-1/4"	4450	4250	4040	3760	3340	2600	880	36.5

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
UTO16001	9.0	7.48	6.69	12.2
UTO14001	9.4	7.48	6.69	12.2
UTO13001	9.5	7.48	6.69	12.2
UTO12001	10.8	7.48	6.69	12.2
UTO11001	12.7	7.48	6.69	12.2



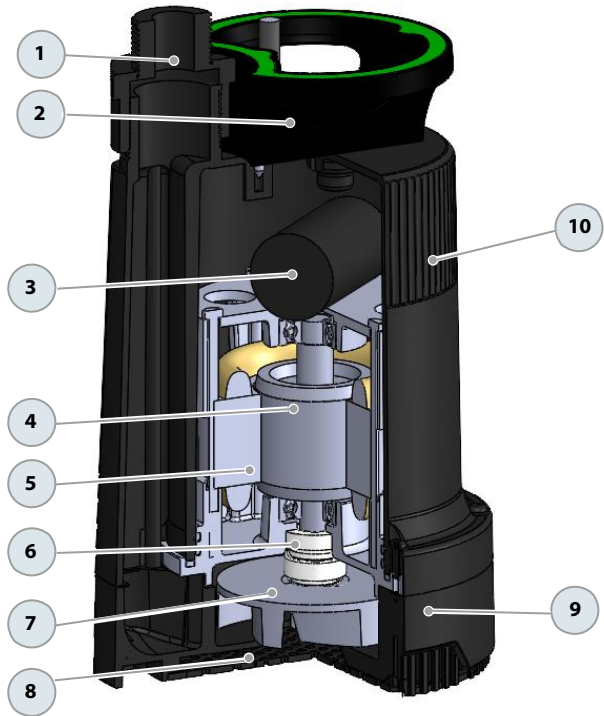
DIMENSION



Model Single-phase	Discharge NPT(In)	N° STAGES	Dimensions				lbs
			A(in)	A1(in)	B(in)	C(in)	
UTO16001	1 ¼"	2	9.6	10.6	6.3	5.4	7.4
UTO14001	1 ¼"		9.6	10.6	6.3	5.4	7.9
UTO13001	1 ¼"		9.6	10.6	6.3	5.4	7.9
UTO12001	1 ¼"		9.6	10.6	6.3	5.4	9.3
UTO11001	1 ¼"		9.6	10.6	6.3	5.4	11.2

MATERIALS AND COMPONENTS

1	Outlet	PA66+GF30%(Technopolymer)
2	Handle	ABS
3	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
4	Rotor	CNC+electroplated coating
5	Stator	Winding integrated thermal motor protection Insulation:Class F Protection rating:IPX8
6	Mechanical Seal	Ceramic/Graphite/NBR/304 SS
7	Impeller	Technopolymer(PC+GF20%)
8	Suction screen	PP
9	Pump Body	Technopolymer
10	Motor House	Technopolymer





PERFORMANCE RANGE

- Flow rate up to **4890GPH**
- Head up to **31ft**

ADVANTAGES

- The whole body is made of engineering plastics with strong corrosion resistance
- Copper motor, Class F insulation
- The high-speed stamped stator and rotor can improve the efficiency of the motor

WORKING CONDITIONS

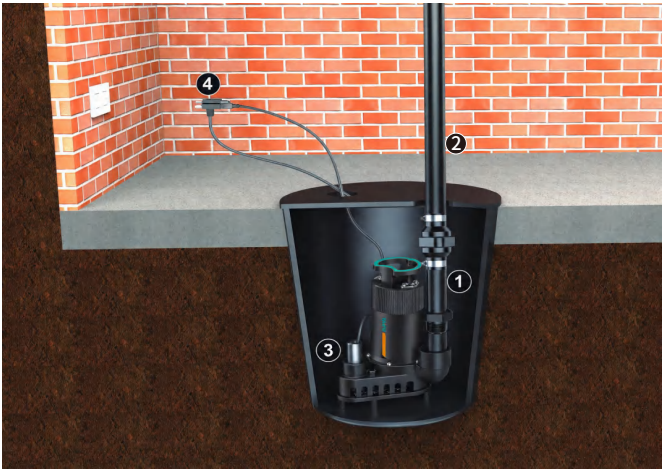
- The temperature of liquid: < +40°C
- The PH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x10³ kg/m³
- Immersion depth: 0.5m-5m

AVAILABLE UPON REQUEST

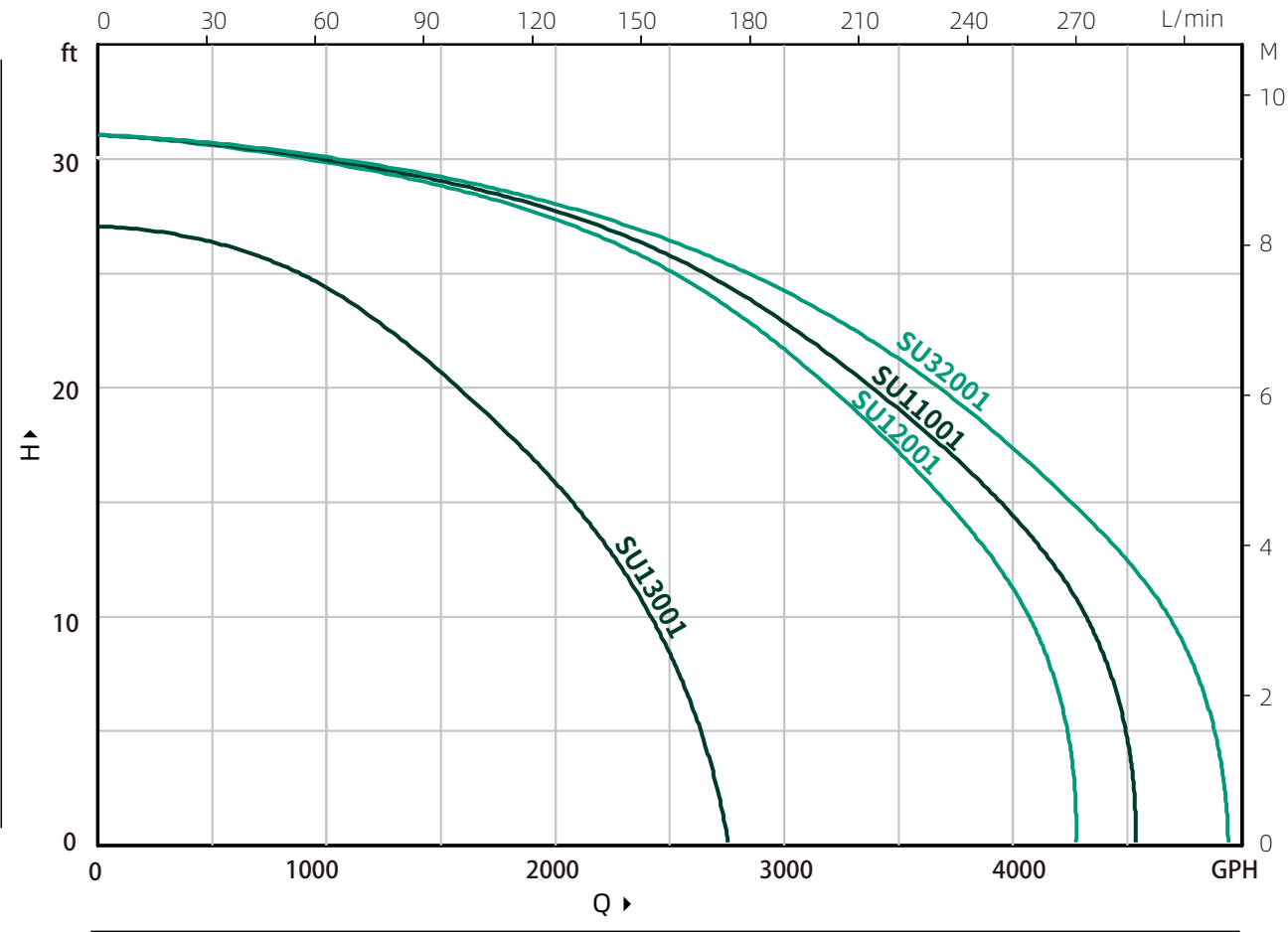
- Float switch
- Vertical switch

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits, Sump pump can protect your basement from seepage and pump out water that collects where it should not be.



PERFORMANCE PARAMETERS

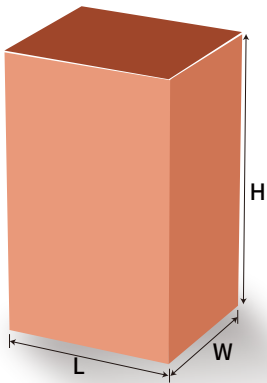


PERFORMANCE PARAMETERS

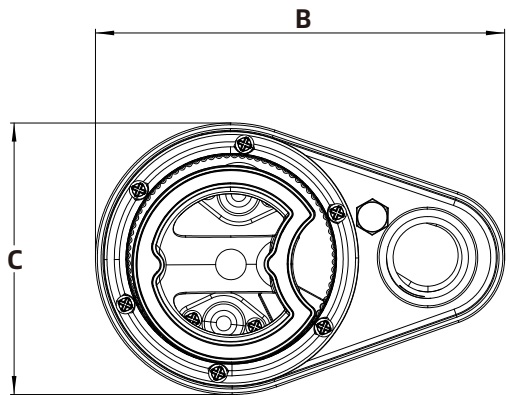
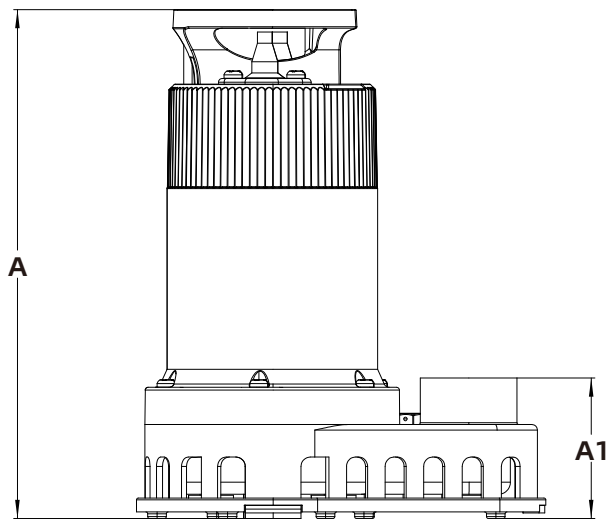
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
SU13001	1/3	115	5.4	1 ½"	2640	2400	2070	1570	870	/	/	27
SU12001	1/2	115	5.0	1 ½"	4245	4070	3700	3200	2515	877	/	31
SU11001	1	115	5.5	1 ½"	4500	4320	3945	3675	2835	948	/	31
SU32001	1½	115	6.5	1 ½"	4890	4680	4250	3600	2830	1020	/	31

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
SU13001	11.2	9.7	8.9	13.4
SU12001	12.3	9.7	8.9	13.4
SU11001	13.0	9.7	8.9	13.4
SU32001	13.6	9.7	8.9	13.4



DIMENSION



Model Single-phase	Discharge NPT(in)	N° STAGES	Dimensions				lbs
			A(in)	A1(in)	B(in)	C(in)	
SU13001	1½"	2	10.8	3.0	8.7	5.7	8.8
SU12001	1½"		10.8	3.0	8.7	5.7	9.9
SU11001	1½"		10.8	3.0	8.7	5.7	10.6
SU32001	1½"		10.8	3.0	8.7	5.7	11.2

MATERIALS AND COMPONENTS

1	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
2	Upper bearing housing	Aluminum with cataphoresis treatment
3	Bearing	C&U
4	Rotor	CNC+electroplated coating
5	Stator	Winding integrated thermal motor protection Insulation: Class F Protection rating: IPX8

6	Bearing	C&U
7	Lower bearing housing	Aluminum with cataphoresis treatment

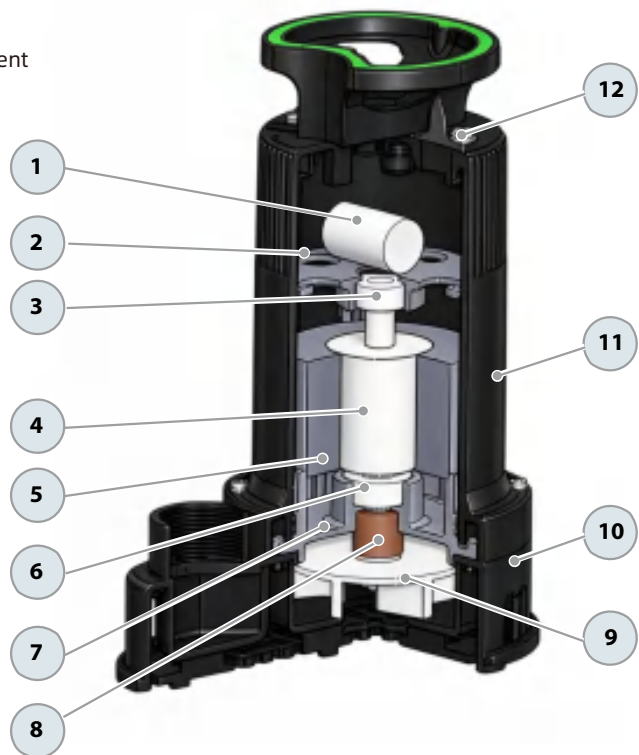
8	Mechanical Seal	Rotating ring	Graphite
		Stationary ring	Ceramic
		Rubber	NBR

9	Impeller	Technopolymer(PC+GF20)
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10	Pump Body	Technopolymer
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11	Motor House	Technopolymer
----	-------------	---------------

12	Cable	
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-  Clean Water
-  Civil use
-  Agricultural use

PERFORMANCE RANGE

- Flow rate up to **3270GPH**
- Head up to **38ft**

ADVANTAGES

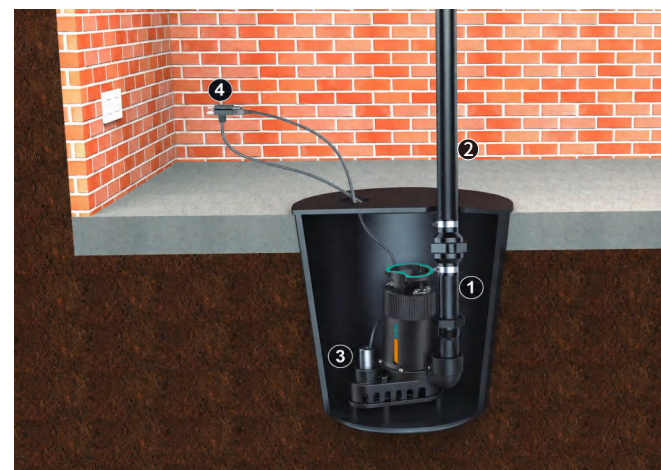
- Iron casting are fully electrophoretic
- The welded shaft and bolt are made of stainless steel and are corrosion resistant
- The high-speed stamped stator and rotor can improve the efficiency of the motor

WORKING CONDITIONS

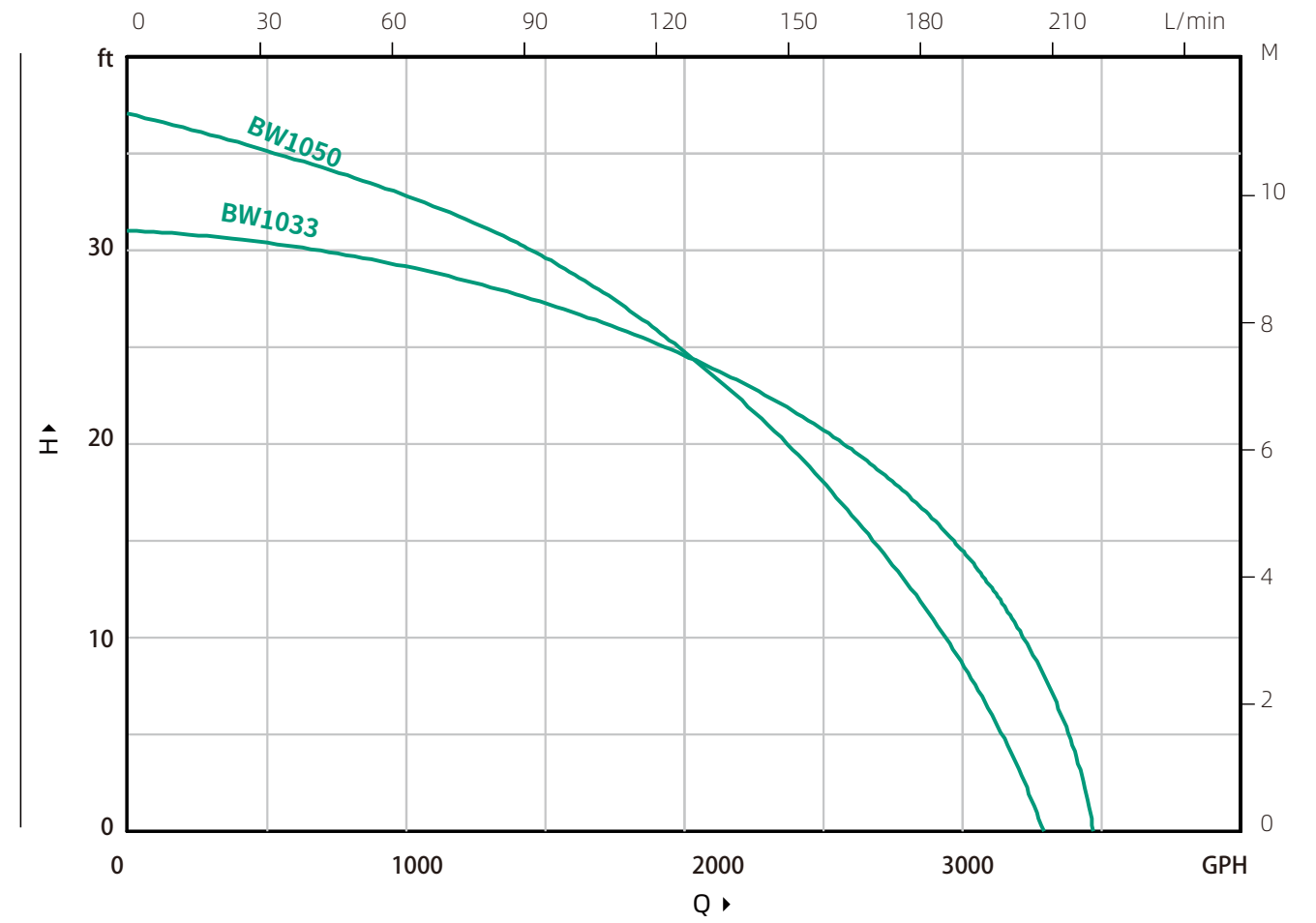
- The temperature of the medium of does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The maximum concentration of the medium is $1.2 \times 10^3 \text{ kg/m}^3$
- The diving depth is not less than 0.5m and not more than 5m
- Maximum sand content is 0.1%, passage of suspended solids up to 0.2mm

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits, Sump pump can protect your basement from seepage and pump out water that collects where it should not be.



PERFORMANCE PARAMETERS

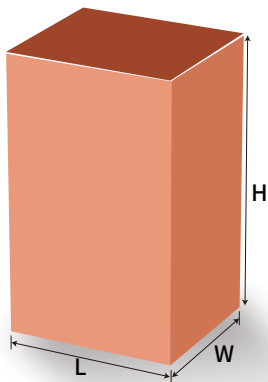


PERFORMANCE PARAMETERS

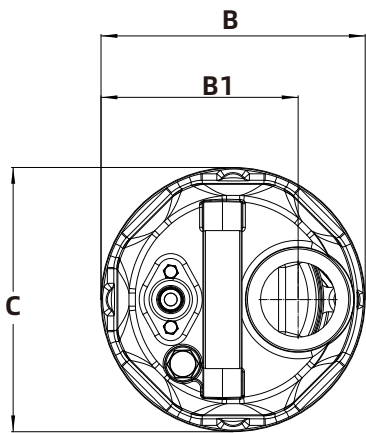
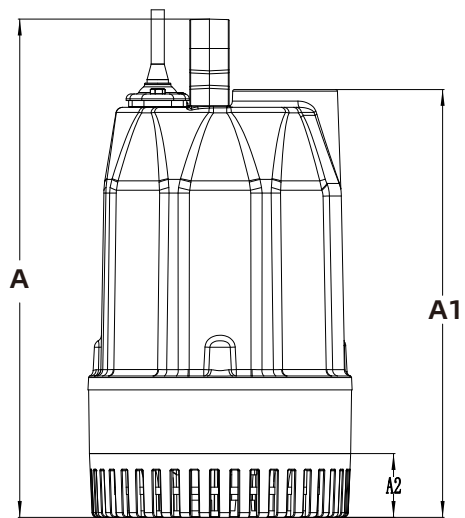
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
BW1033	1/3	115	4.8	1 1/2"	3150	2940	2680	2370	1980	1450	530	38
BW1050	1/2	115	4.5	1 1/2"	3270	3140	3020	2440	1930	630	/	31

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
BW1033	21.6	17.1	10.8	10.1
BW1050	22.2	17.5	10.8	9.8



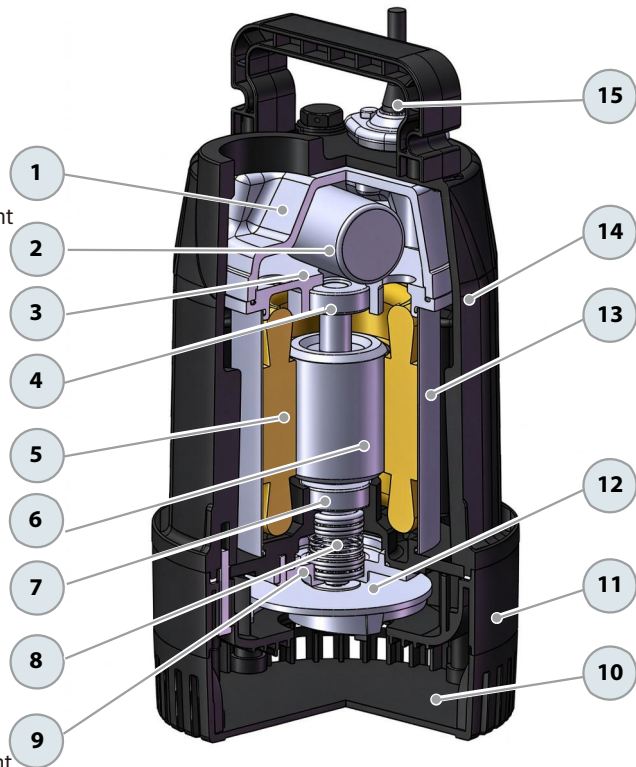
DIMENSION



Model Single-phase	Discharge	Dimensions						lbs
	NPT(In)	A(in)	A1(in)	A2(in)	B(in)	B1(in)	C(in)	
BW1033	1½"	11.22	9.53	0.75	6.38	4.76	6.38	20.7
BW1050	1½"	11.97	10.28	1.50	6.38	4.76	6.38	21.1

MATERIALS AND COMPONENTS

1	Upper Cap	Cast iron with cataphoresis treatment
2	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
3	Upper Bearing Seat	Cast iron with cataphoresis treatment
4	Bearing	C&U
5	Coil / Winding	All-copper winding integrated thermal motor protection
6	Rotor	
7	Bearing	C&U
8	Mechanical Seal	
9	Oil Cylinder Cover	Cast iron with cataphoresis treatment
10	Strainer / Filter Screen	Technopolymer
11	Volute Casing	Technopolymer
12	Impeller	Technopolymer
13	Motor Housing	Stainless steel
14	Pump Body	Cast iron with cataphoresis treatment
15	Cable	





- Clean Water
- Civil use
- Agricultural use

PERFORMANCE RANGE

- Flow rate up to **5670 GPH**
- Head up to **36ft**

ADVANTAGES

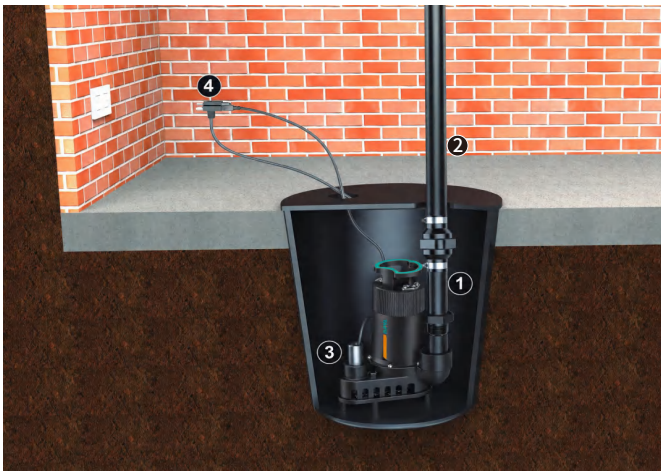
- Iron casting are fully electrophoretic
- The welded shaft and bolt are made of stainless steel and are corrosion resistant
- The high-speed stamped stator and rotor can improve the efficiency of the motor

WORKING CONDITIONS

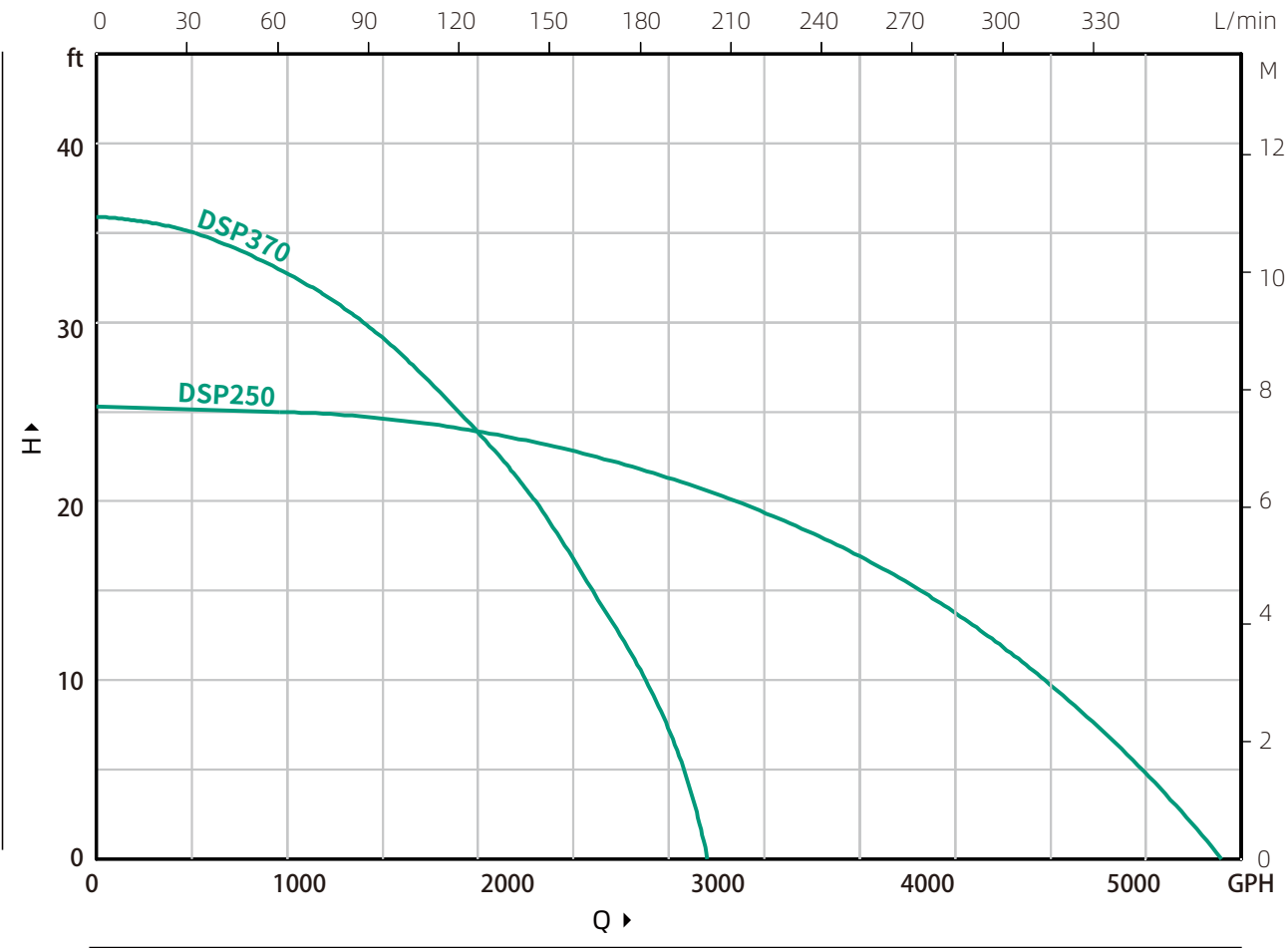
- The temperature of medium of does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The maximum concentration of the medium is 1.2x10³ kg/m³
- The diving depth is not less than 0.5m and not more than 5m
- Maximum sand content is 0.1%, passage of suspended solids up to 0.2mm

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits, Sump pump can protect your basement from seepage and pump out water that collects where it should not be.



PERFORMANCE PARAMETERS

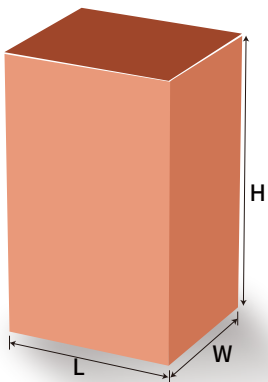


PERFORMANCE PARAMETERS

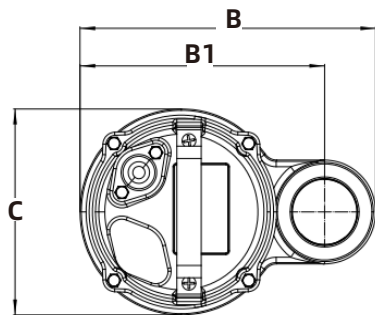
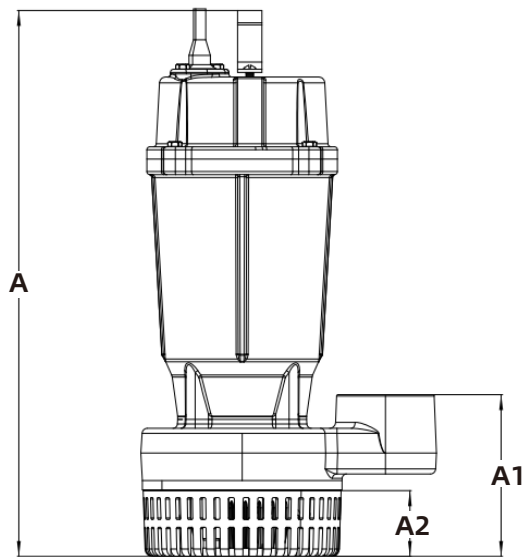
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
DSP250	1/2	115	4.5	1 1/2"	3080	2880	2600	2300	1900	1400	520	36
DSP370	3/4	115	5.5	2"	5670	4970	4320	3350	960	/	/	25

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
DSP250	25.3	17.9	9.7	8.7
DSP370	29.3	17.5	10.8	9.8



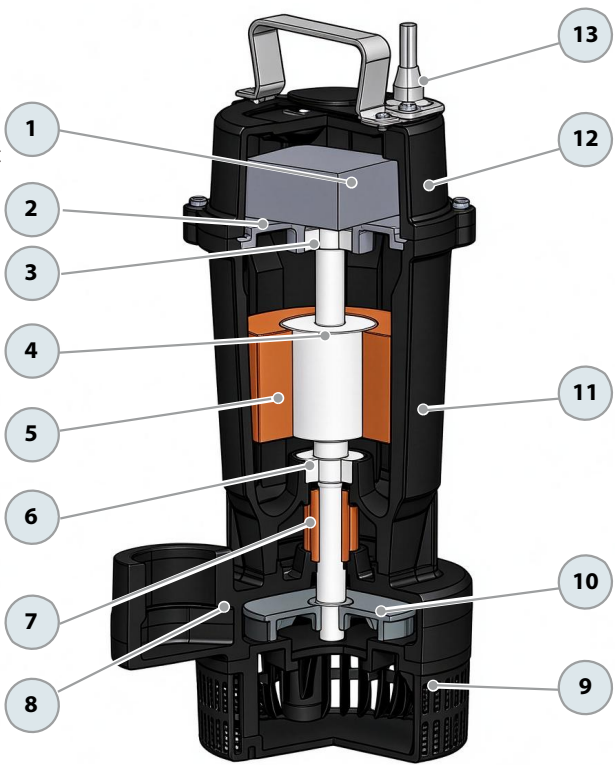
DIMENSION



Model Single-phase	Discharge	Dimensions						lbs
	NPT(In)	A(in)	A1(in)	A2(in)	B(in)	B1(in)	C(in)	
DSP250	1½"	13.78	4.13	1.69	7.68	6.34	5.28	24.4
DSP370	2"	15.04	5.55	2.44	10.00	8.54	6.77	27.5

MATERIALS AND COMPONENTS

1	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant	
2	Upper bearing housing	Cast iron with cataphoresis treatment	
3	Bearing	C&U	
4	Rotor		
5	Stator	Winding integrated thermal motor protection Insulation: Class F Protection rating: IPX8	
6	Bearing	C&U	
7	Mechanical Seal	Rotating ring	Graphite
		Stationary ring	Ceramic
		Rubber	NBR
8	Pump Body	Cast iron with cataphoresis treatment	
9	Suction strainer	Stainless steel	
10	Impeller	Technopolymer	
11	Motor House	Aluminum with cataphoresis treatment	
12	Upper Cap	Aluminum with cataphoresis treatment	
13	Cable		





- Clean Water
- Civil use
- Agricultural use

PERFORMANCE RANGE

- Flow rate up to **4400 GPH**
- Head up to **32 ft**

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits, Sump pump can protect your basement from seepage and pump out water that collects where it should not be.

ADVANTAGES

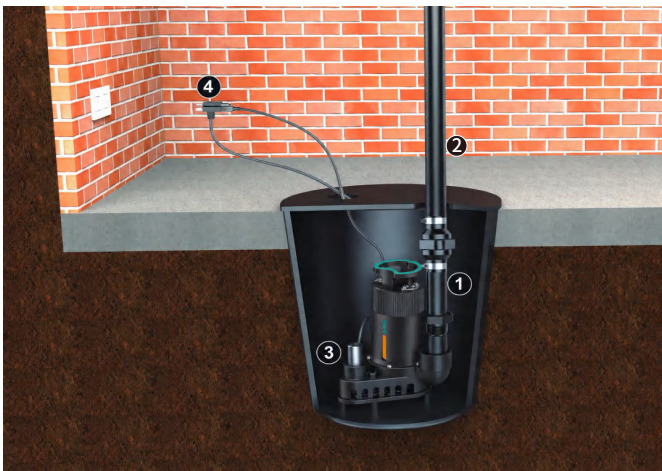
- The motor is a single-phase or three-phase asynchronous motor with built-in protection device
- Mechanical seal Carbon/Ceramic

APPLICATIONS

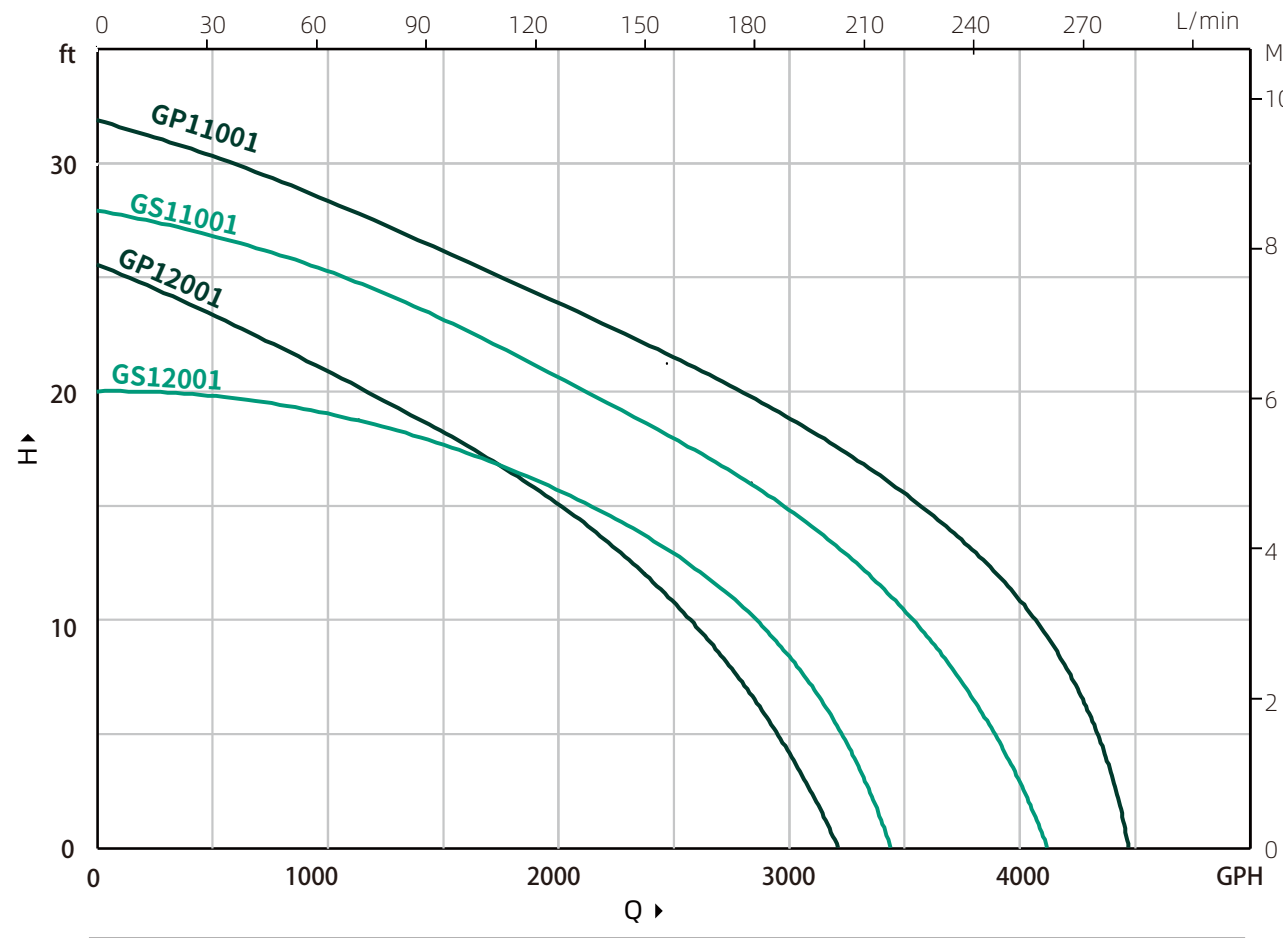
- This product is suitable for farm land irrigation, garden watering and other occasions.

WORKING CONDITIONS

- The temperature of liquid:< +40°C
- The pH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x10 kg/m³
- Immersion depth: 0.5m-5m



PERFORMANCE PARAMETERS

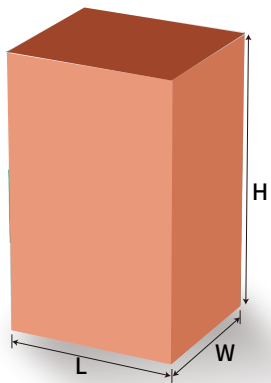


PERFORMANCE PARAMETERS

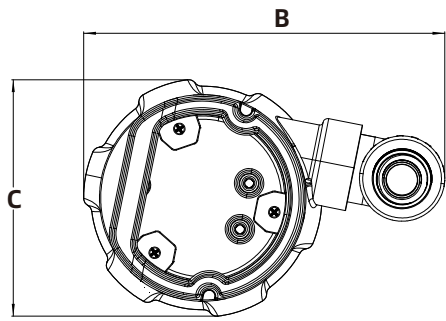
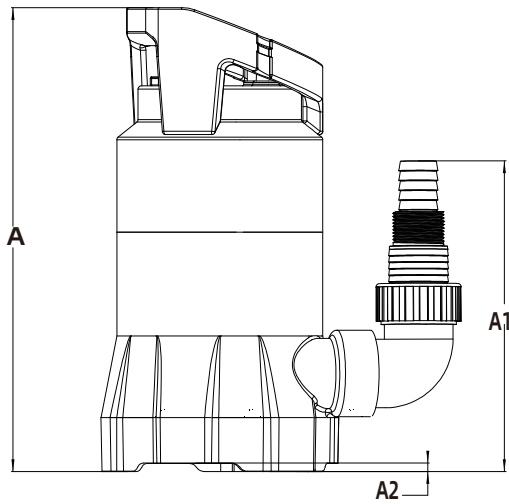
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
GP12001	1/2	115	2.8	1 ½"	2960	2580	2020	1180	210	/	/	25.5
GP11001	1	115	3.8	1 ½"	4400	4140	3580	2720	1560	450	/	32
GS12001	1/2	115	2.8	1 ½"	3230	2860	2150	120	/	/	/	20
GS11001	1	115	3.8	1 ½"	3900	3550	2985	2130	1090	/	/	28

PACKING INFORMATION

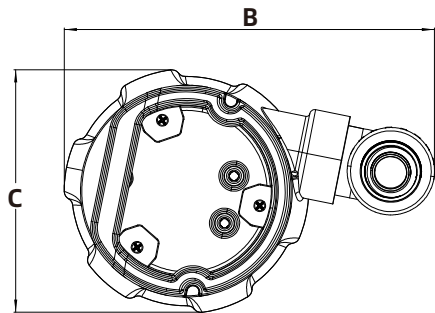
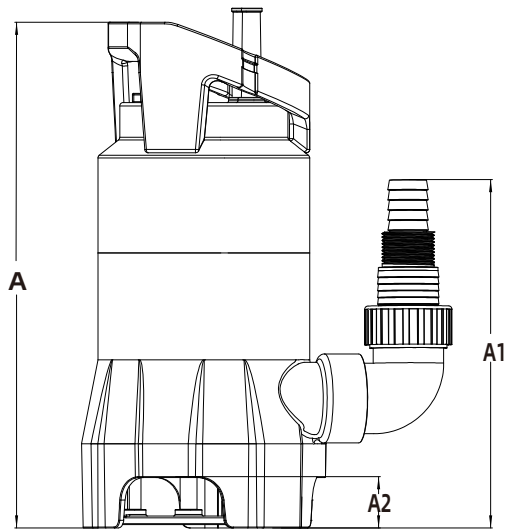
Model	GW(lbs)	L(in.)	W(in.)	H(in.)
GP12001	8.8	8.35	7.48	13.62
GP11001	9.9	8.35	7.48	13.62
GS12001	8.8	8.35	7.48	13.62
GS11001	9.9	8.35	7.48	13.62



DIMENSION



GP



GS

Model Single-phase	Discharge	Dimensions					lbs
	NPT(In)	A(in)	A1(in)	A2(in)	B(in)	C(in)	
GP12001	1½"	11.1	7.5	0.2	8.7	5.7	8.8
GP11001	1½"	11.1	7.5	0.2	8.7	5.7	9.9
GS12001	1½"	11.1	7.5	1.2	8.7	5.7	8.8
GS11001	1½"	11.1	7.5	1.2	8.7	5.7	9.9

MATERIALS AND COMPONENTS

1 Capacitor 250V, Dual Leads, **UL Certified**, Oil-Resistant

2 Bearing C&U

3 Upper stator sleeve Stainless steel

4 Rotor CNC+electroplated coating

5 Liquid Level Controller

6 Stator Winding integrated thermal motor protection
Insulation: Class F
Protection rating: IPX8

7 Lower stator sleeve Stainless steel

8 Bearing C&U

9 Pump Body Technopolymer

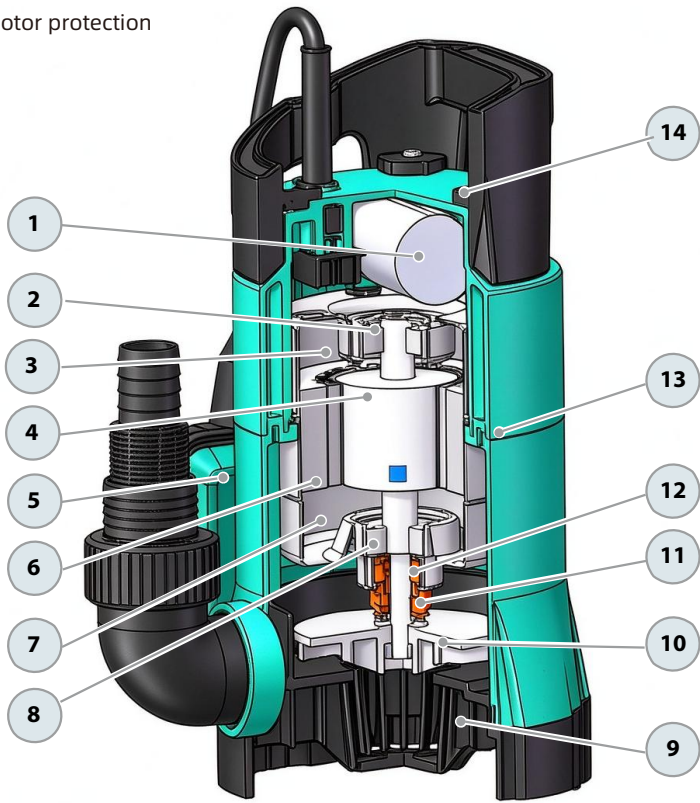
10 Impeller Technopolymer(PA6+GF30)

11 Mechanical Seal
Rotating ring Graphite
Stationary ring Ceramic
Rubber NBR

12 Skeleton Oil Seal NBR

13 Motor House Technopolymer

14 Cable





-  Clean Water
-  Civil use
-  Agricultural use

PERFORMANCE RANGE

- Flow rate up to **4910GPH**
- Head up to **32ft**

DESCRIPTION

TAIFU pool cover pumps are easy to install and fast at draining water. When used to drain water from a pool, it effectively prevents leaves and other debris from entering the pump body, avoiding blockage of the rotating components.

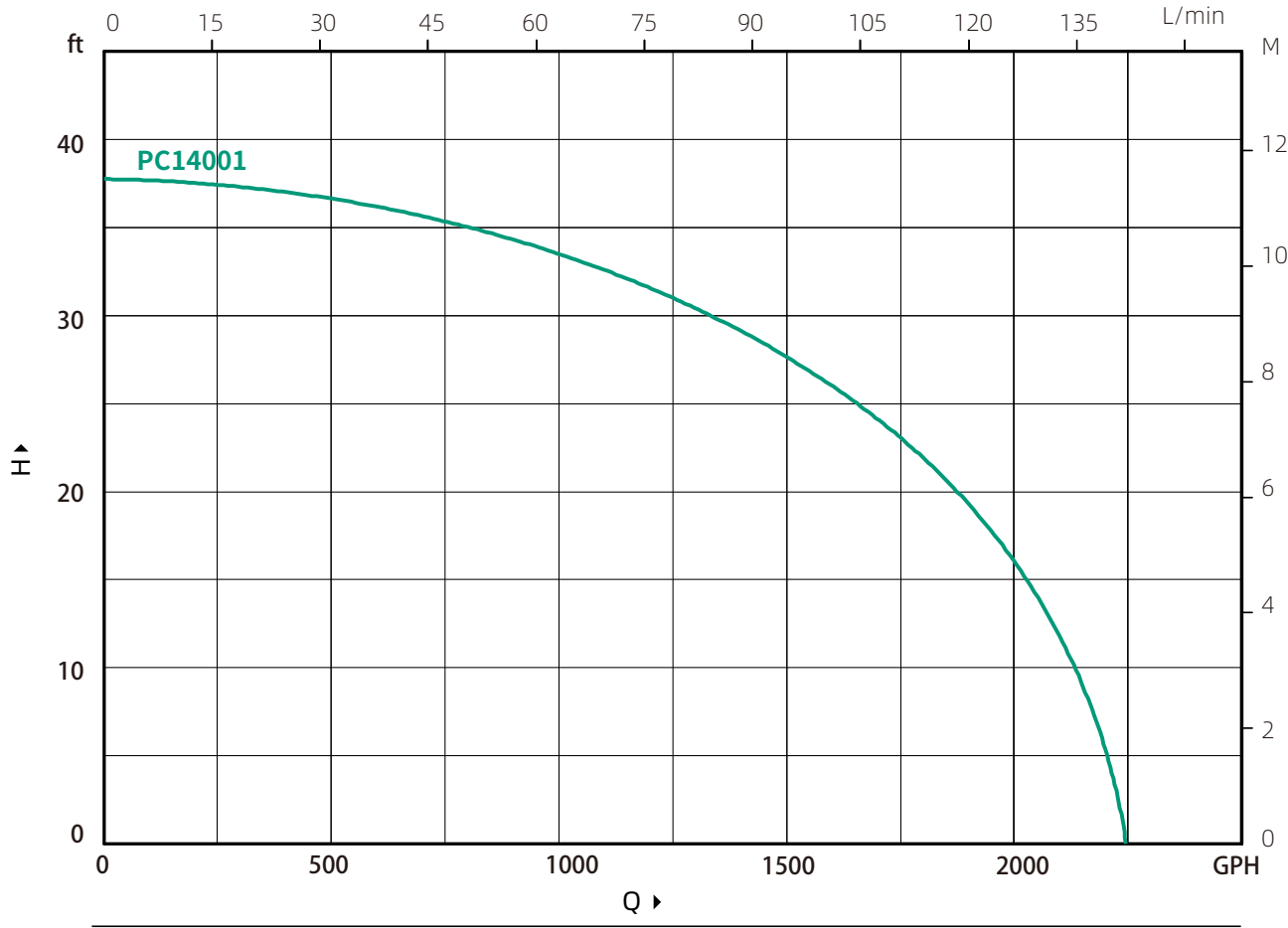
ADVANTAGES

- Easy access handle designed for easy portability
- Corrosion-resistant, reinforced thermoplastic construction
- No oil design, safe for aquatic life and built-in automatic thermal overload protector
- Smart electronic sensor for Automatic operation: turns on when water has been detected at 2.5 in 25 ft power cord with GFCI protected plug
- 1-1/4" NPT discharge with 3/4" check valve adapter included

WORKING CONDITIONS

- The temperature of liquid: < +40°C
- The PH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x103 kg/m³
- Immersion depth: 0.5m-5m

PERFORMANCE PARAMETERS

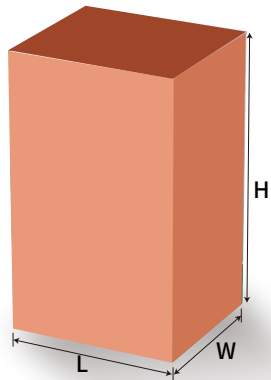


PERFORMANCE PARAMETERS

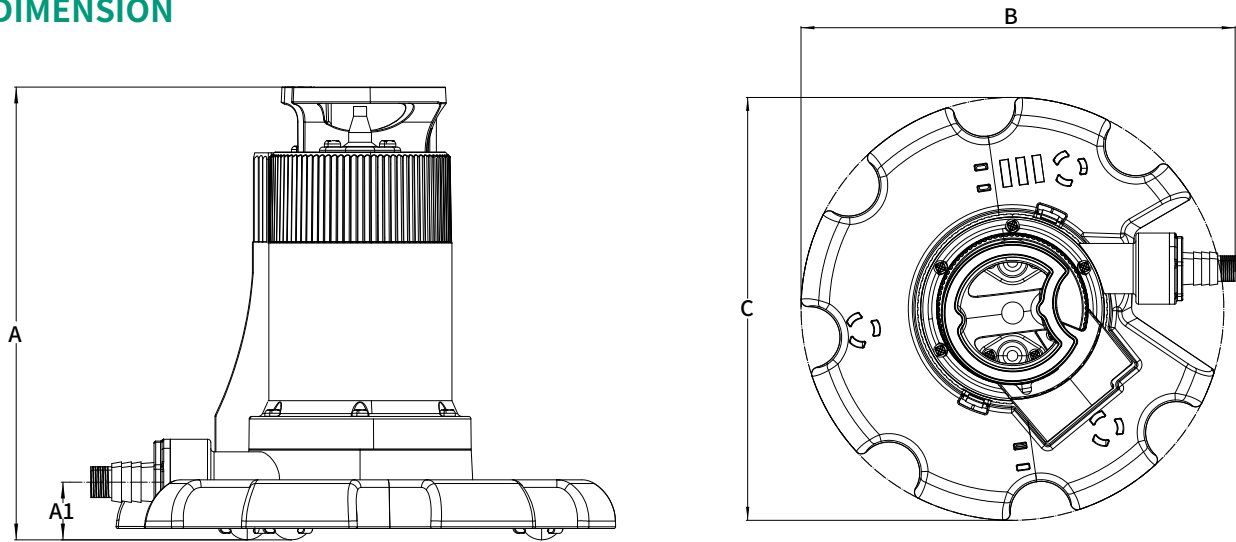
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
PC14001	1/2	115	3.8	1 1/2"	2205	2132	2026	1875	1831	1333	795	37

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
PC14001	10.2	13.07	8.66	12.60



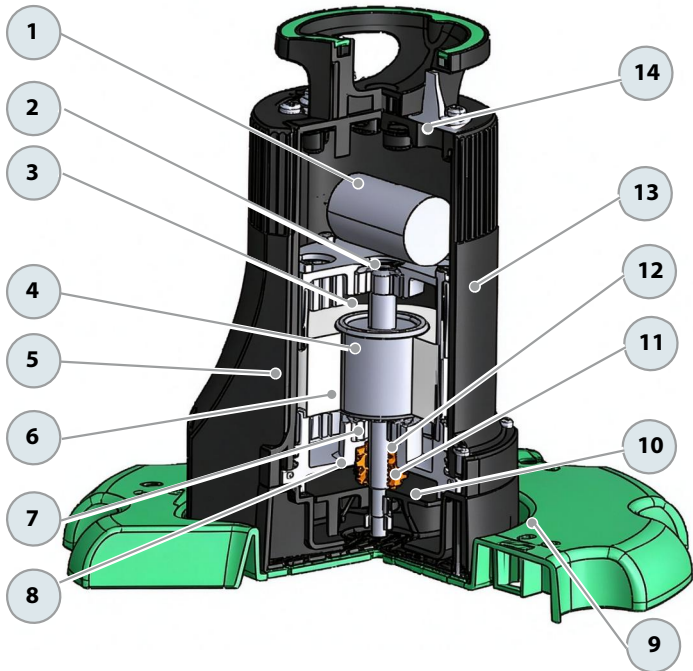
DIMENSION



Model Single-phase	Discharge	Dimensions				lbs
	NPT(In)	A(in)	A1(in)	B(in)	C(in)	
PC14001	1½"	11.3	1.4	12.8	12.3	10.2

MATERIALS AND COMPONENTS

1	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
2	Bearing	C&U
3	Upper bearing housing	Aluminum with cataphoresis treatment
4	Rotor	CNC+electroplated coating
5	Liquid Level Controller	
6	Stator	Winding integrated thermal motor protection Insulation:Class F Protection rating:IPX8
7	Bearing	C&U
8	Lower bearing housing	Aluminum with cataphoresis treatment
9	Suction strainer	Technopolymer
10	Impeller	Technopolymer(PC+GF20)
11	Mechanical Seal	Rotating ring Graphite Stationary ring Ceramic Rubber NBR
12	Skeleton Oil Seal	
13	Motor House	Technopolymer
14	Cable	





PERFORMANCE RANGE

- Flow rate up to **4070GPH**
- Head up to **24ft**

ADVANTAGES

- Copper motor, Class F insulation
- The castings are all electrophoretic, and the screws are all stainless steel
- CNC electroplated shaft with stronger corrosion resistance

WORKING CONDITIONS

- The temperature of liquid: < +40°C
- The PH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x10³ kg/m³
- Immersion depth: 0.5m-5m

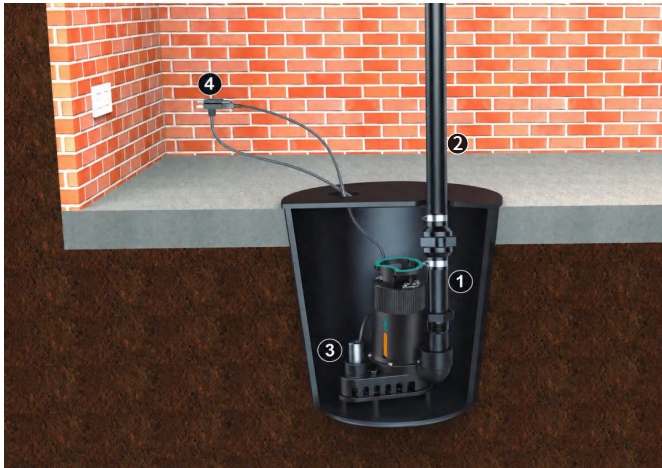
AVAILABLE UPON REQUEST

- Float switch
- Vertical switch

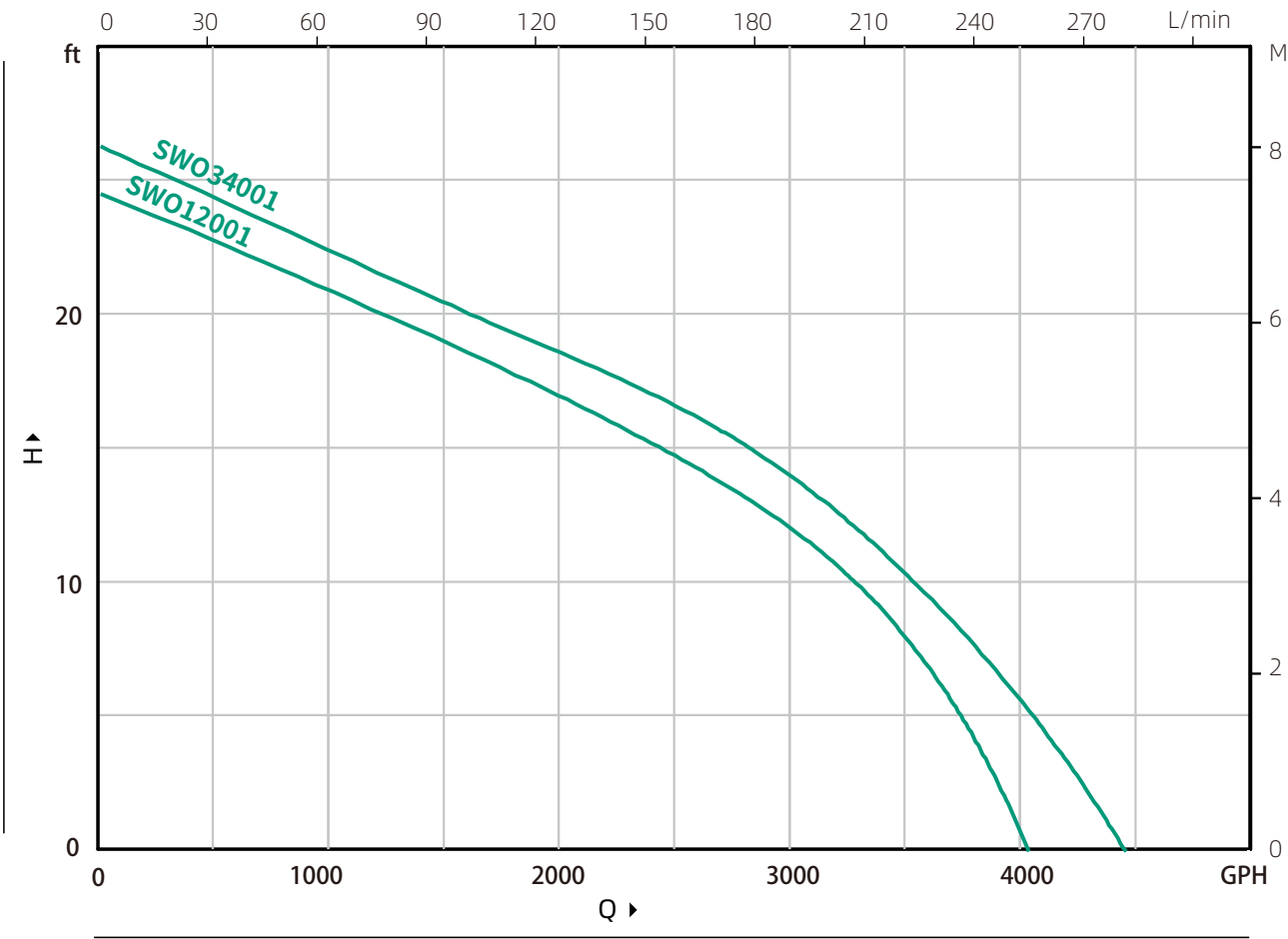
DESCRIPTION

TAIFU effluent and sewage pumps are designed for long-lasting, quiet operation, using high quality float switches for automatic on and off.

Effluent pumps will move liquid with solids up to ¾", while sewage pumps handle solids up to 2" in diameter. Effluent pumps can be found operating in septic tanks, while sewage pumps can be found in or out of the home in sewage pits or sewage tank removal systems.



PERFORMANCE PARAMETERS

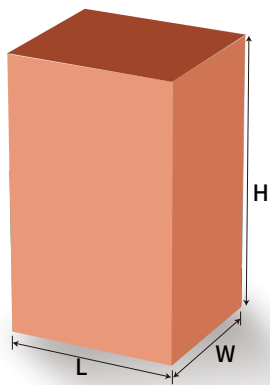


PERFORMANCE PARAMETERS

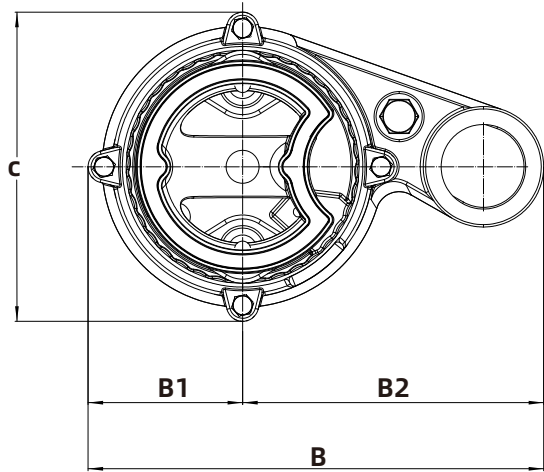
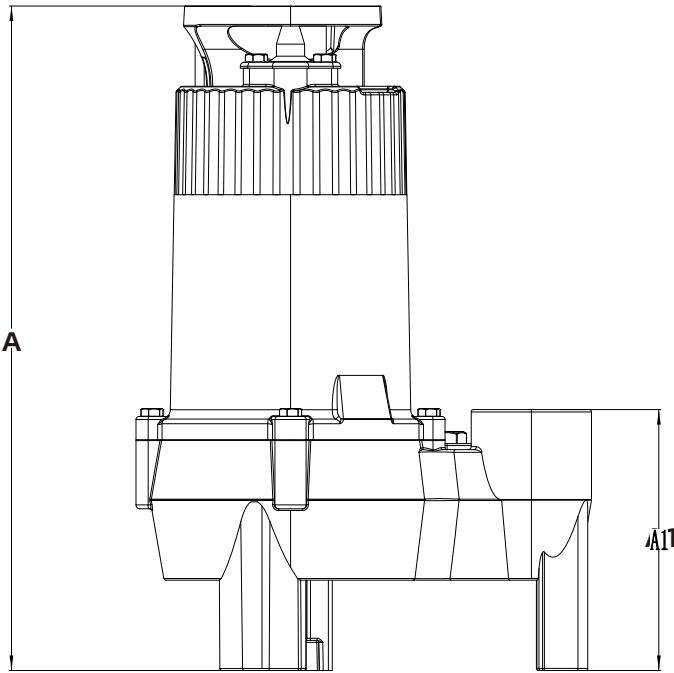
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
SWO12001	1/2	115	5.6	1 ½"	3750	3300	2470	1260	/	/	/	25
SWO34001	3/4	115	7.6	1 ½"	4070	3560	2850	1650	370	/	/	26

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
SWO12001	23.8	10.04	9.25	15.35
SWO34001	24.4	10.04	9.25	15.35



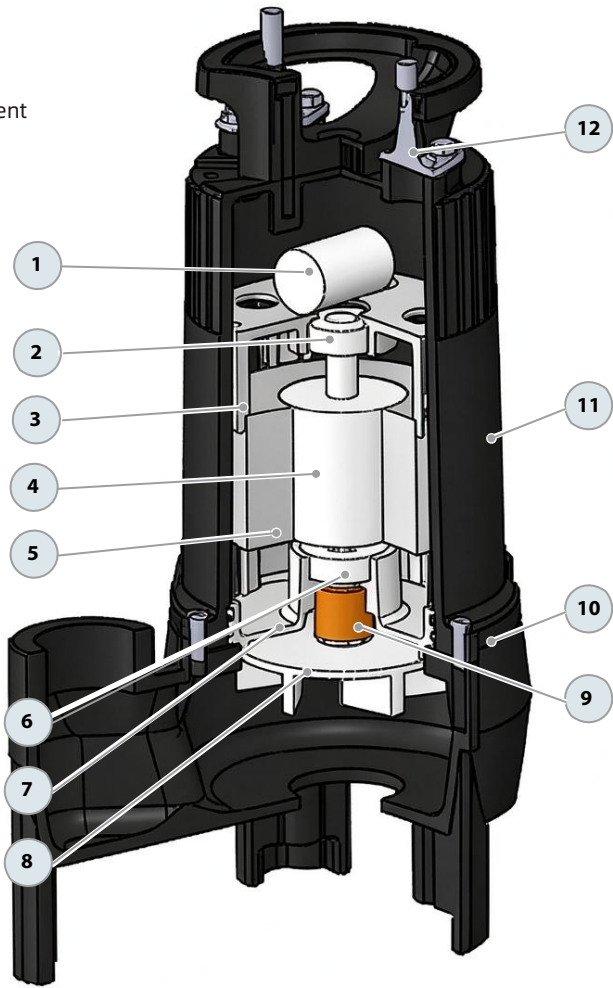
DIMENSION



Model Single-phase	Discharge	Dimensions						lbs
	NPT(In)	A(in)	A1(in)	B(in)	B1(in)	B2(in)	C(in)	
SWO12001	1½"	13.0	5.1	8.9	3.0	5.9	6.1	22.0
SWO34001	1½"	13.0	5.1	8.9	3.0	5.9	6.1	22.7

MATERIALS AND COMPONENTS

1	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
2	Bearing	C&U
3	Upper bearing housing	Aluminum with cataphoresis treatment
4	Rotor	CNC+electroplated coating
5	Stator	Winding integrated thermal motor protection Insulation:Class F Protection rating:IPX8
6	Bearing	C&U
7	Lower bearing housing	Aluminum with cataphoresis treatment
8	Impeller	Cast with cataphoresis treatment (HT200)
9	Mechanical Seal	Rotating ring Graphite Stationary ring Ceramic Rubber NBR
10	Pump Body	Cast with cataphoresis treatment
11	Motor House	Cast with cataphoresis treatment
12	Cable	





- Dirty Water
- Civil use
- Agricultural use

PERFORMANCE RANGE

- Flow rate up to **3930GPH**
- Head up to **30ft**

ADVANTAGES

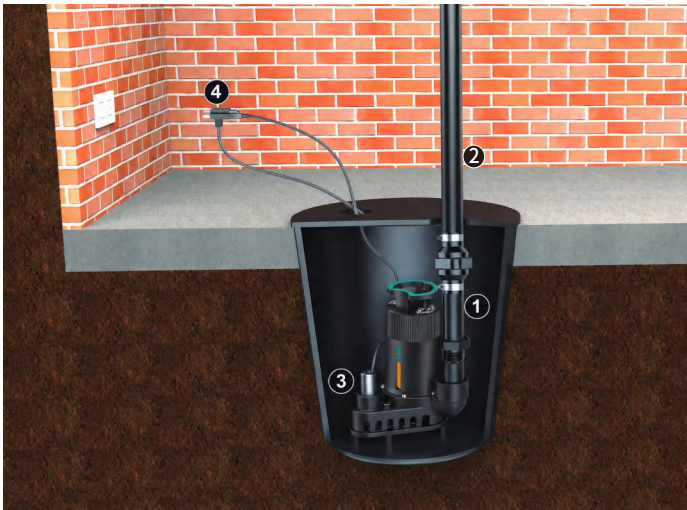
- Copper motor, Class F insulation
- The castings are all electrophoretic, and the screws are all stainless steel
- CNC electroplated shaft with stronger corrosion resistance

WORKING CONDITIONS

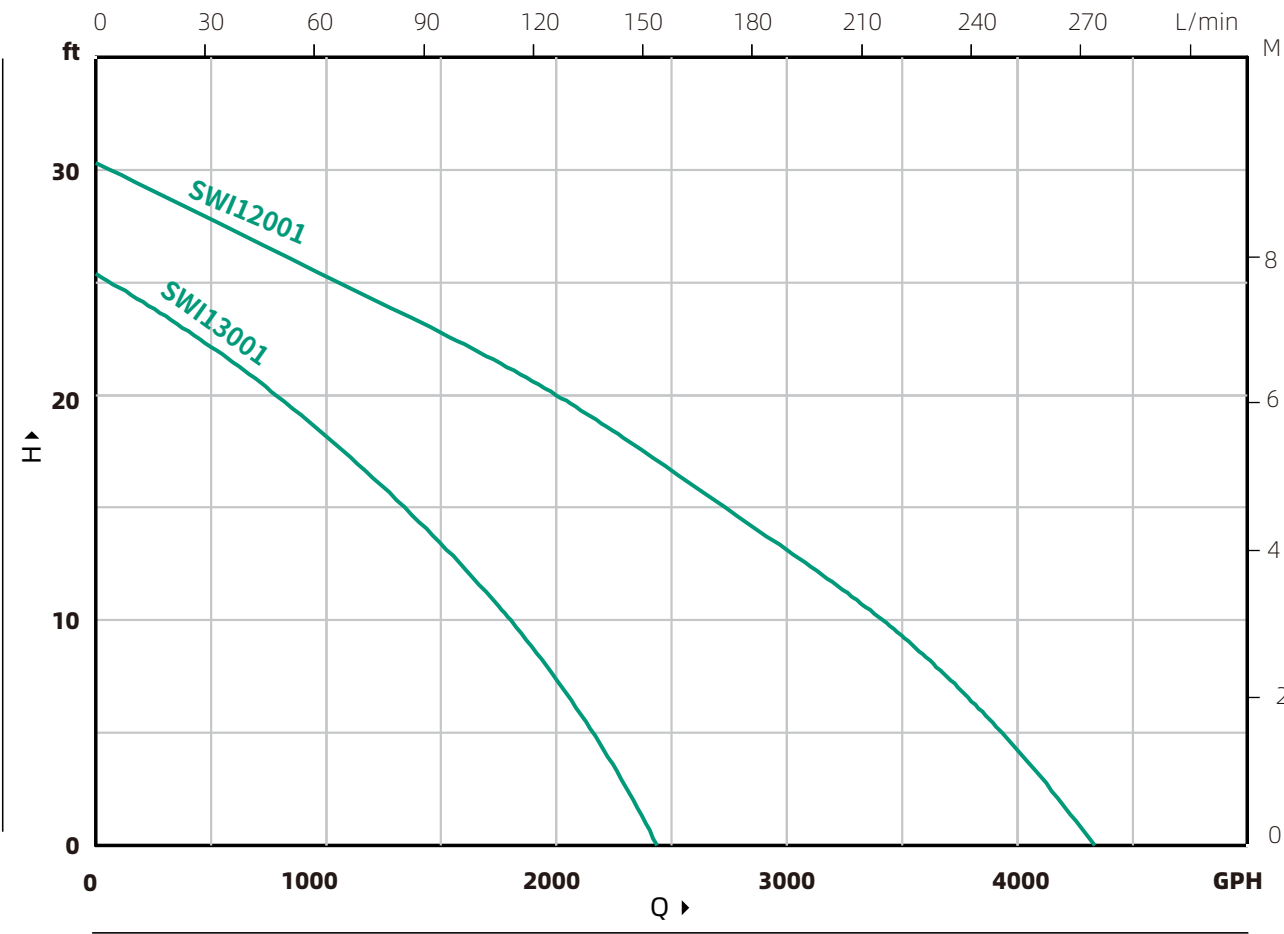
- The temperature of liquid: < +40°C
- The PH of liquid: 6.5-8.5
- The maximum concentration of medium: 1.2x10³ kg/m³
- Immersion depth: 0.5m-5m

DESCRIPTION

TAIFU sewage pumps are designed for long-lasting, quiet operation, using high quality float switches for automatic on and off. Effluent pumps will move liquid with solids up to ¾", while sewage pumps handle solids up to 2" in diameter. Effluent pumps can be found operating in septic tanks, while sewage pumps can be found in or out of the home in sewage pits or sewage tank removal systems.



PERFORMANCE PARAMETERS

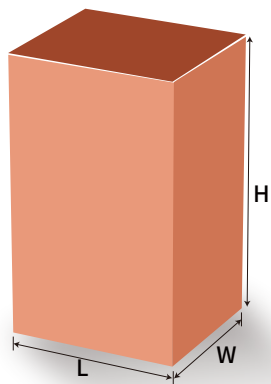


PERFORMANCE PARAMETERS

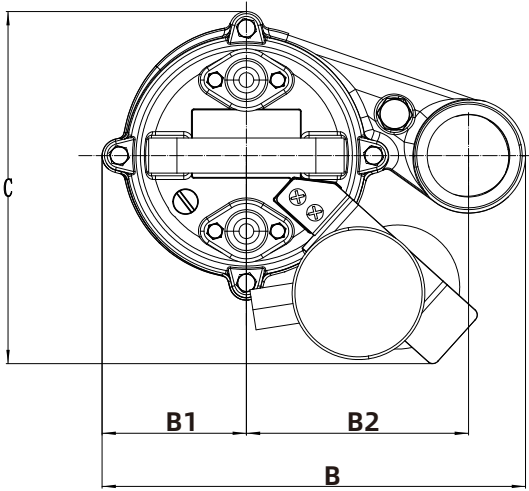
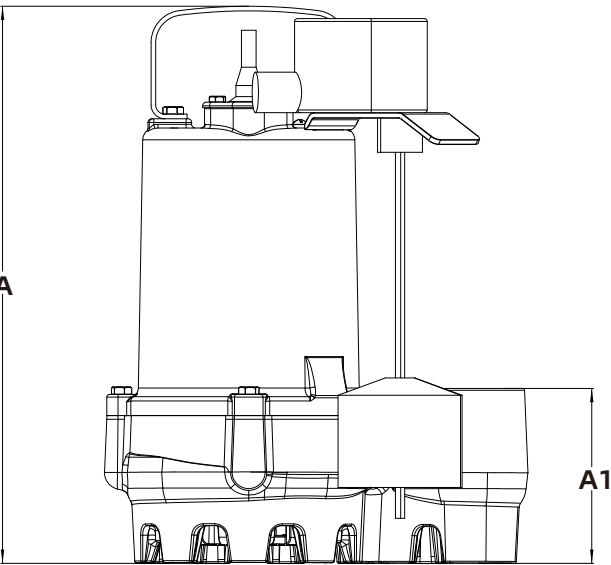
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
SWI13001	1/3	115	5.5	1 ½"	2160	1800	1340	780	60	/	/	25
SWI12001	1/2	115	7.6	1 ½"	3930	3410	2730	2000	1050	65	/	30

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
SWI13001	22.9	10.51	6.14	16.81
SWI12001	23.3	10.51	6.14	16.81



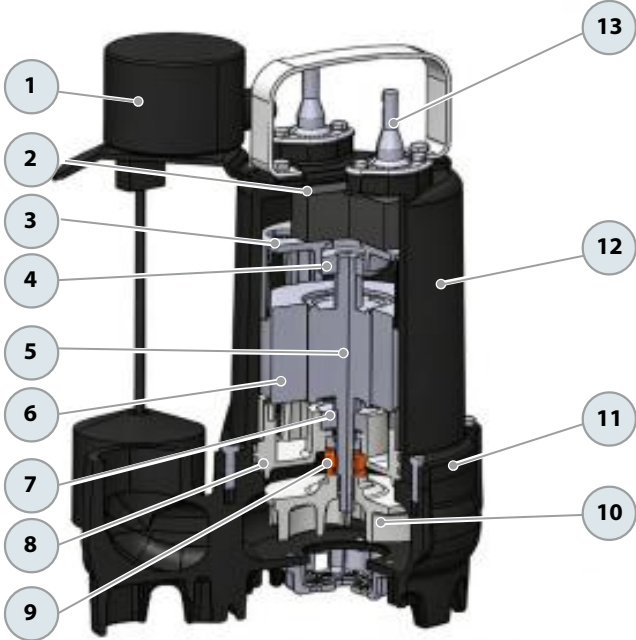
DIMENSION



Model Single-phase	Discharge	Dimensions						lbs
	NPT(In)	A(in)	A1(in)	B(in)	B1(in)	B2(in)	C(in)	
SWI13001	1½"	12.0	3.7	9.1	3.1	4.7	7.5	21.3
SWI12001	1½"	12.0	3.7	9.1	3.1	4.7	7.5	22.0

MATERIALS AND COMPONENTS

1	Liquid Level Controller	
2	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant
3	Upper bearing housing	ABC12
4	Bearing	C&U
5	Rotor	CNC+electroplated coating
6	Stator	Winding integrated thermal motor protection Insulation:Class F Protection rating:IPX8
7	Bearing	C&U
8	Lower bearing housing	ABC12
9	Mechanical Seal	Rotating ring Graphite Stationary ring Ceramic Rubber NBR
10	Impeller	Cast with cataphoresis treatment (HT200)
11	Pump Body	Technopolymer
12	Motor House	Technopolymer
13	Cable	





- Dirty Water
- Civil use
- Agricultural use

PERFORMANCE RANGE

- Flow rate up to **4830GPH**
- Head up to **44ft**

ADVANTAGES & FEATURES

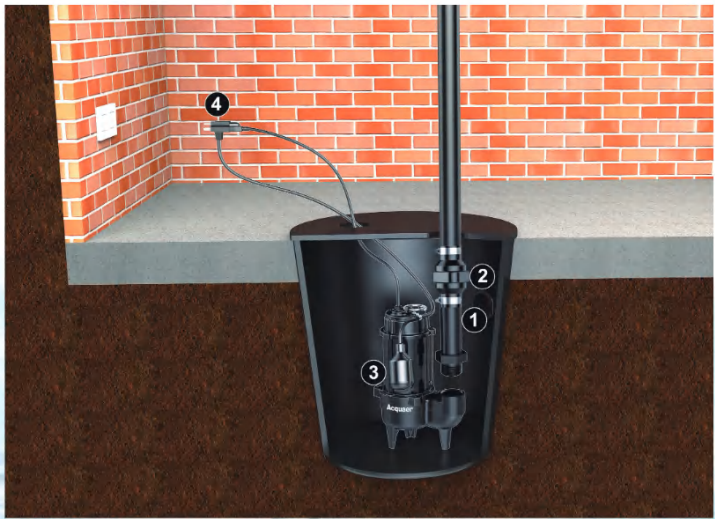
- Iron casting are fully electrophoretic
- The welded shaft and bolt are made of stainless steel and are corrosion resistant
- The high-speed stamped stator and rotor can improve the efficiency of the motor

WORKING CONDITIONS

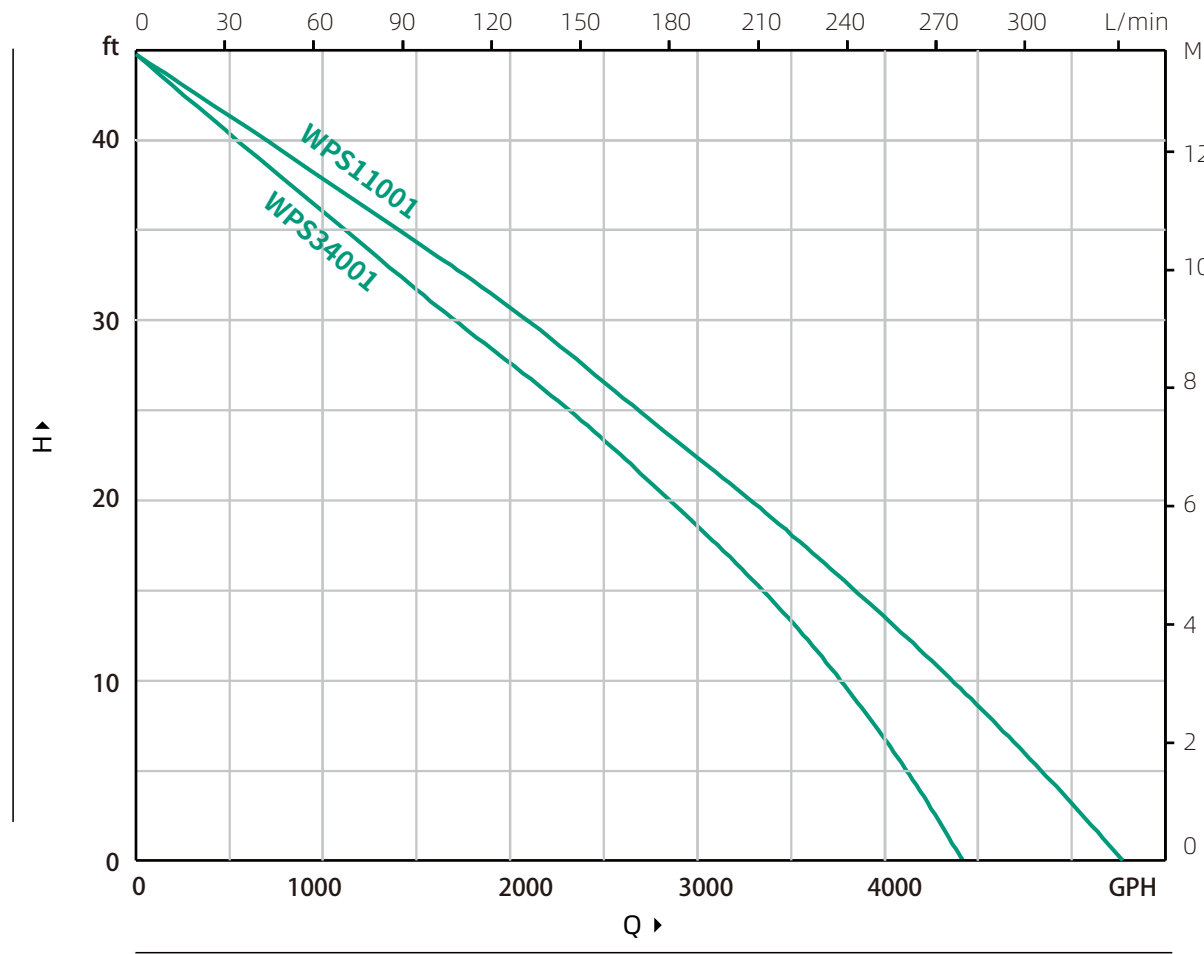
- Install and use 25cm from the bottom of the pool
- Avoid inhaling hard objects such as stones and screws
- After replacing the cutting device, pay attention to the control between the impeler and the cuting disc as early as 0.1-0.25mm
- When there is too little fluidity and too much slurry, it must be used after adding water

DESCRIPTION

TAIFU sump pumps are automatic pumps with float switch used to remove ground water from sump pits. Sump pump can protect your basement from seepage and pump out water that collects where it should not be.



PERFORMANCE CURVE

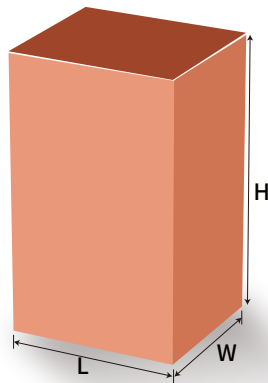


PERFORMANCE PARAMETERS

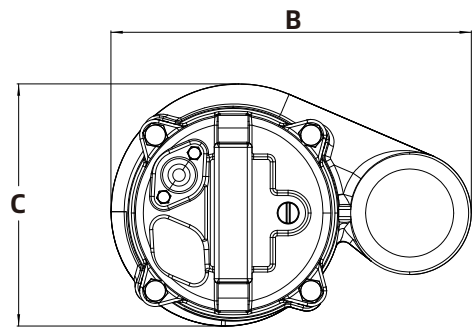
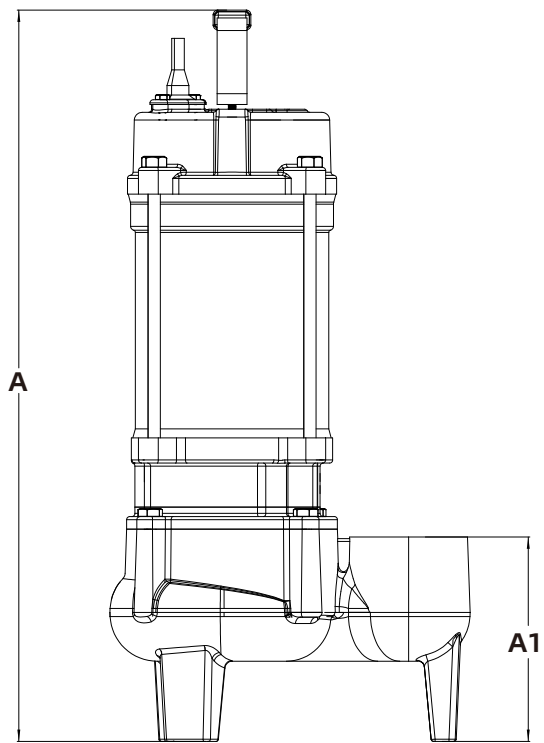
MODEL	HP	VOLT-AGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							MAX. HEAD Ft
					5 ft	10 ft	15 ft	20 ft	25 ft	30 ft	35 ft	
WPS34001	3/4	115	9.8	2"	4110	3840	3350	2940	2310	1700	1110	44
WPS11001	1	115	9.3	2"	4830	4360	3840	3280	2680	2090	1400	44

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
WPS34001	33.7	11.02	9.65	19.69
WPS11001	35.2	11.65	6.93	21.06



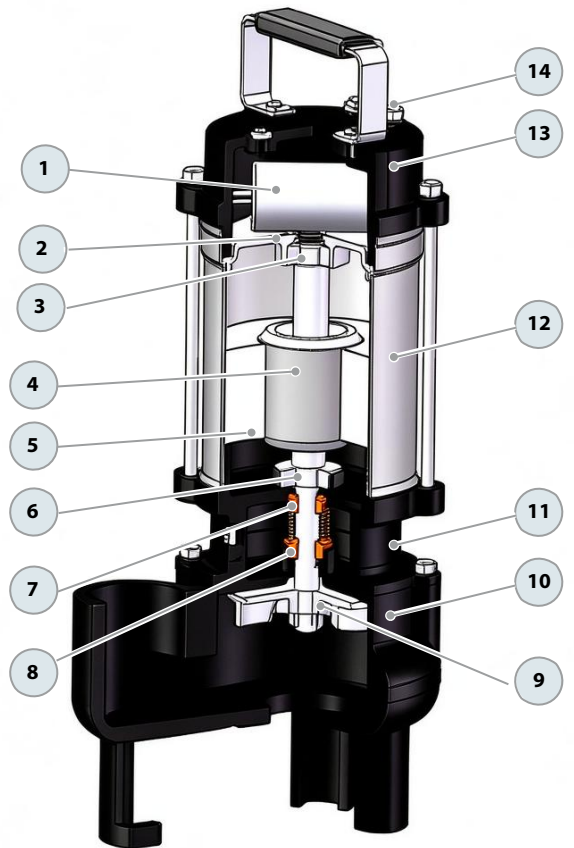
DIMENSION



Model Single-phase	Discharge	Dimensions				lbs
	NPT(In)	A(in)	A1(in)	B(in)	C(in)	
WPS34001	1¼"	18.3	5.1	9.1	6.1	31.5
WPS11001	1¼"	19.1	5.1	9.1	6.1	33.0

MATERIALS AND COMPONENTS

1	Capacitor	250V, Dual Leads, UL Certified , Oil-Resistant	
2	Upper bearing housing	Cast iron with cataphoresis treatment	
3	Bearing	C&U	
4	Rotor	CNC+electroplated coating	
5	Stator	Winding integrated thermal motor protection Insulation: Class F Protection rating: IPX8	
6	Bearing	C&U	
7	Mechanical Seal	Rotating ring	Graphite
		Stationary ring	Ceramic
		Rubber	NBR
8	Skeleton Oil Seal	NBR	
9	Impeller	Cast iron with cataphoresis treatment	
10	Pump Body	Cast iron with cataphoresis treatment	
11	Lower bearing housing	Cast iron with cataphoresis treatment	
12	Motor House	Stainless Steel	
13	Upper Cap	Cast iron with cataphoresis treatment	
14	Cable		



-  Clean Water
-  Civil Use
-  Agricultural Use
-  Industrial Use

✧Ready-to-install stainless steel deep well pump equipped with an integrated capacitor and thermal protector.

✧Outstanding performance .

INSTALLATION AND USE

Designed to transfer clean water with sand content up to 100 g/m³.Highly efficient and reliable, they are suitable for industrial, civil, and agricultural applications, such as water distribution coupled with pressure tanks, irrigation, pressure boosting, fire-fighting systems and more.

PERFORMANCE RANGE

- Flow rate up to **1585 GPH**
- Head up to **6307 ft**

WORKING CONDITIONS

- Suitable for fluids that are clean, free of solid or abrasive particles, chemically neutral and exhibit properties similar to water.
- Speed range: 3450 rpm
- Fluid temperature range: 0°C~40°C
- Max. working pressure: 3.5 Bar
- Ambient temperature permissible up to: 50°C

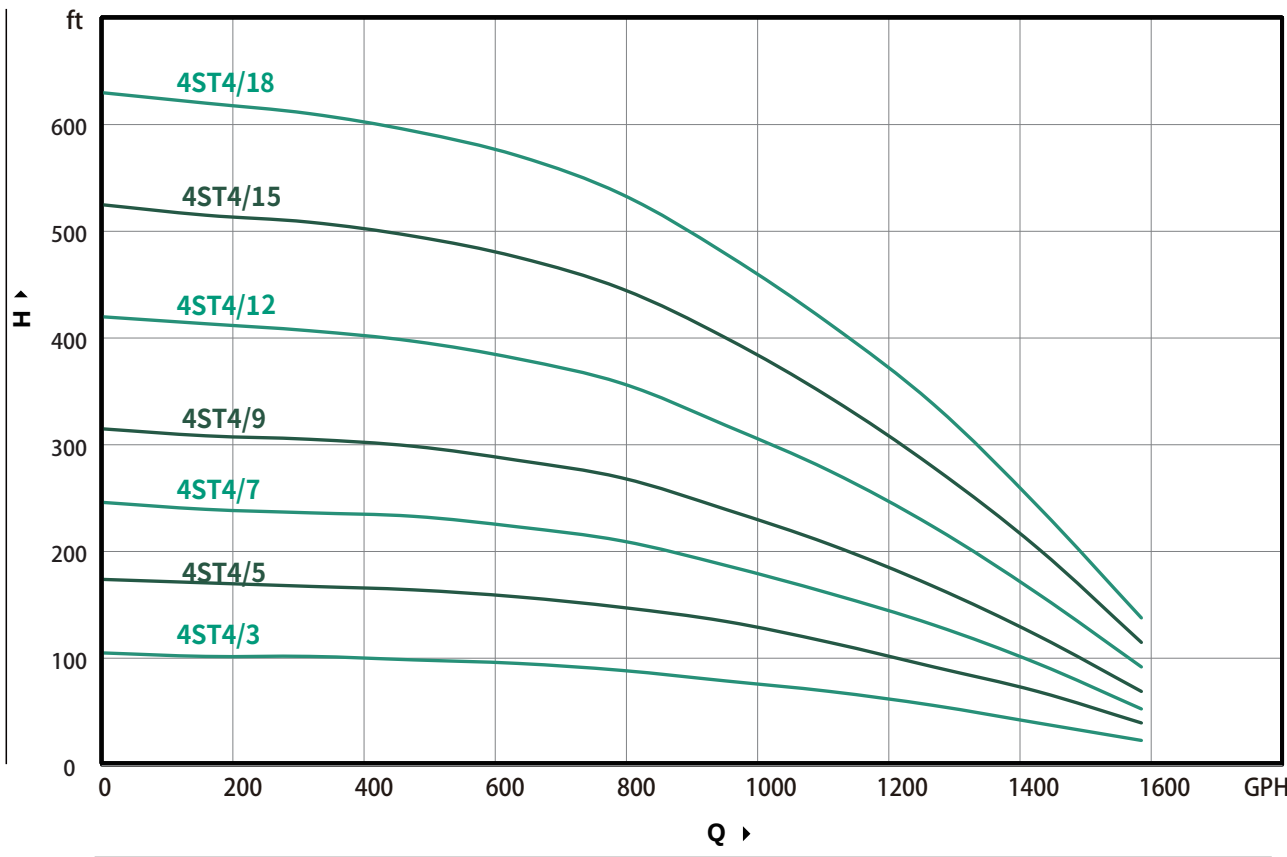
MOTOR AND PUMP

- Rewindable motor
- Single-phase:115V/60Hz
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- NEMA dimension standards
- Curve tolerance according to ISO 9001
- Fits inside 4" well openings
- Water-cooled submersible motor
- Corrosion-resistant stainless steel pump and motor housing
- Discharge designed to fit most applications
- Protection class:IP68
- Insulation class: F

WARRANTY: 1 YEAR

- (according to our general sales conditions)

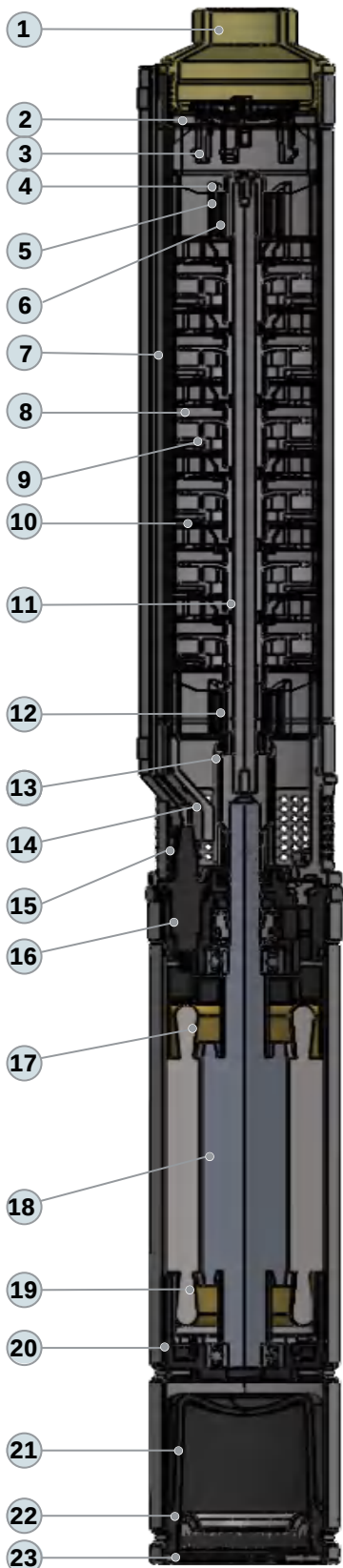
PERFORMANCE PARAMETERS



MODEL	POWER (P2)	VOLTAGE	DELIVERY										
			n≈3450r/min										
			GPH OF WATER @ TOTAL FT. OF HEAD										
1~110v/60HZ	HP	115V/60Hz	0	159	317	476	634	793	951	1110	1268	1427	1585
4STM4/3	0.5		105	102	102	98	95	89	79	69	56	39	23
4STM4/5	0.75		174	171	167	164	157	148	135	115	92	69	39
4STM4/7	1		246	240	236	233	223	210	187	161	131	95	52
4STM4/9	1.5		315	308	305	299	285	269	240	207	167	121	69
4STM4/12	2		420	413	407	397	381	358	318	276	223	161	92
4STM4/15	3		525	515	509	495	476	446	400	344	279	203	115
4STM4/18	3		630	620	610	594	571	535	479	413	338	243	138

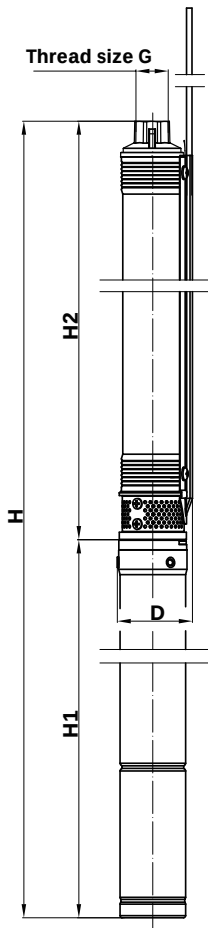
MATERIALS AND COMPONENTS

1	Water outlet	Brass H57-3
2	Valve seat	Plastic PC
3	Valve core	Plastic PC
4	Bracket	Plastic PC
5	Rubber bearing	Rubber NBR
6	Upper bushing	2Cr13 Stainless Steel
7	Pump barrel	Stainless Steel 201
8	Diffuser	Plastic PC
9	Impeller	Plastic POM
10	Middle plate	Plastic PC
11	Hexagonal shaft	Stainless Steel 0Cr13
12	Lower shaft sleeve	Stainless Steel 2Cr13
13	Coupling	Stainless Steel 201
14	Suction chamber	Stainless Steel 201
15	Strainer	Stainless Steel 430
16	Upper bearing seat	Cast iron HT200 with cataphoretic treatment
17	Winding coil	Enameled Copper Wire CU + Silicon Steel Sheet 1300
18	Rotor	Stainless Steel Welded Shaft 304 + Silicon Steel Sheet 1300
19	Motor housing	Stainless Steel 201
20	Lower bearing housing	Cast Iron HT200 with cataphoretic treatment
21	Pressure regulating diaphragm	Rubber NBR
22	Bottom Cover	Stainless Steel 201
23	Circlip	Stainless Steel AISI 304

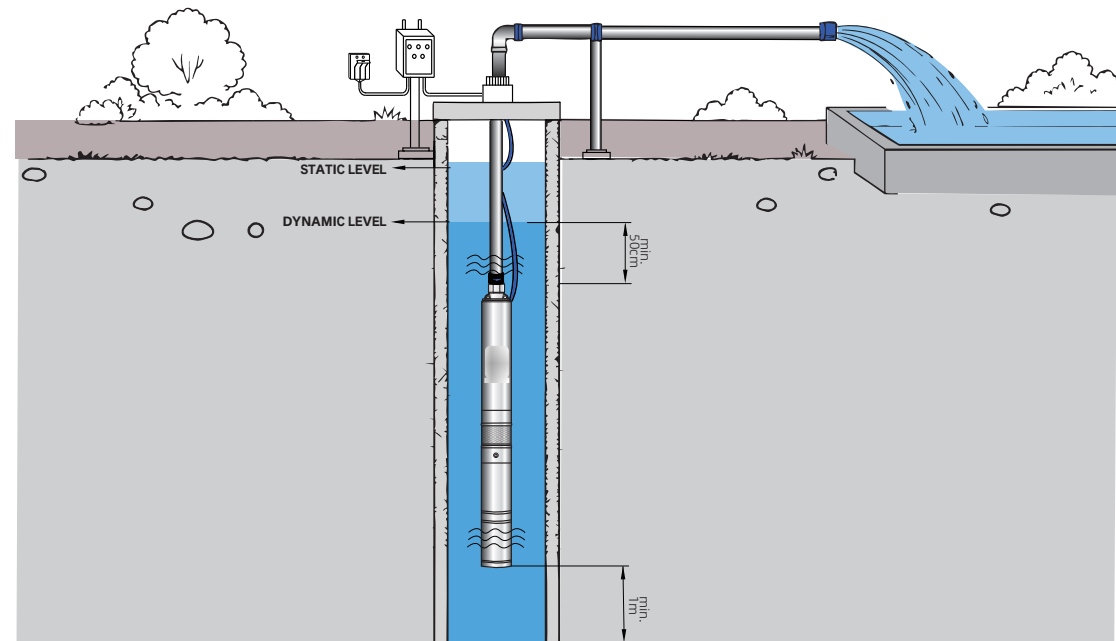


DIMENSIONS AND WEIGHT

Model Single-phase	H	H1	H2	G	Weight(lbs)			
	ft	ft	ft	In	Motor	Pump	Controller	Whole (Include controller)
4STM4/3-0.37	1.95	0.98	0.94	G1¼"	15.2	7.5	1.8	24.5
4STM4/5-0.55	2.18	1.08	1.1	G1¼"	17.9	7.9	1.8	27.6
4STM4/7-0.75	2.41	1.15	1.26	G1¼"	20.7	8.4	1.8	30.9
4STM4/9-1.1	2.76	1.3	1.46	G1¼"	26.7	8.8	1.8	37.3
4STM4/12-1.5	3.15	1.46	1.69	G1¼"	34.8	9.5	1.8	46.1
4STM4/15-1.8	3.58	1.62	1.95	G1¼"	40.1	10.1	1.8	52
4STM4/18-2.2	3.97	1.79	2.18	G1¼"	46.5	11	1.8	59.3



※Typical installation



-  Clean Water
-  Civil Use
-  Agricultural Use
-  Industrial Use

※Ready-to-install stainless steel deep well pump equipped with an integrated capacitor and thermal protector.

※Outstanding performance .

INSTALLATION AND USE

The electric pump is composed of pump, mechanical seal and motor. The single-phase asynchronous electric motor is located above the pump. The pump is located at the lower part of the motor and is a multi-stage centrifugal impeller structure; part of the motor and is a multi-stage centrifugal impeller structure; two wear-resistant mechanical seals are used before the water pump and the motor.

The fixed lip seal adopts O-Ring as the static seal, the motor jacket has a steel cooling water jacket, the water flow passes through the water jacket and the motor gap when the pump is working, which has a good cooling effect on the motor and bearings, so the upper part of the electric pump can work above water.

This series of electric pumps has the advantages of compact structure, convenient movement, simple installation, high lift and thorough draining.

PERFORMANCE RANGE

- Flow rate up to **1532 GPH**
- Head up to **223 ft**

CONSTRUCTION FEATURES

- Outlet diameter 1.25 inches
- Optional float switch and base can be added
- Voltage and frequency optional 115V/60Hz

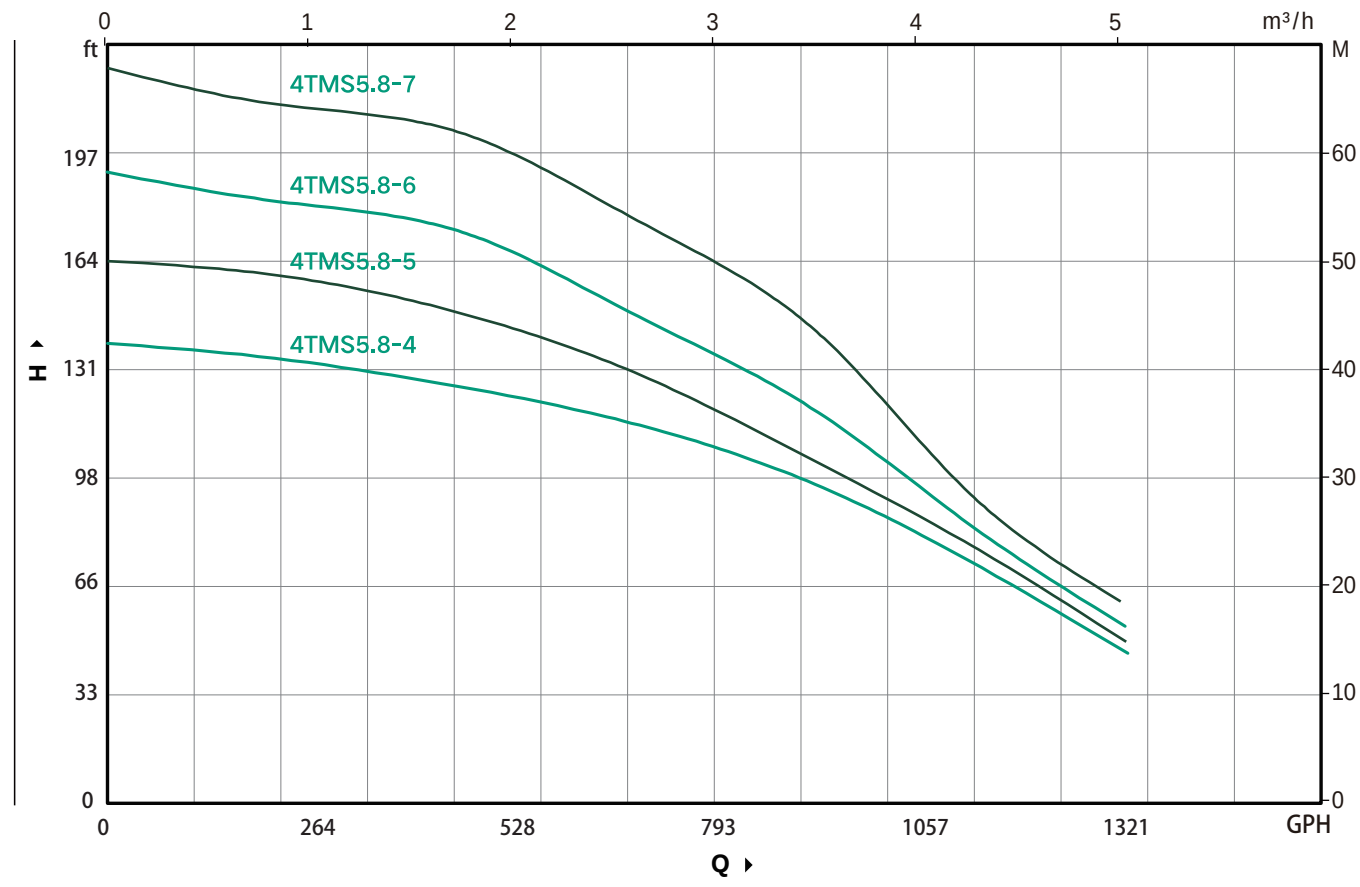
AVAILABLE UPON REQUEST

※ **10M** Float switch

WORKING CONDITIONS

- Install and use 25cm from the bottom of the pool
- Avoid inhaling hard objects such as stones and screws
- After replacing the cutting device, pay attention to the control between the impeller and the cutting disc as early as 0.1-0.25mm
- When there is too little fluidity and too much slurry,it must be used after adding water

PERFORMANCE PARAMETERS

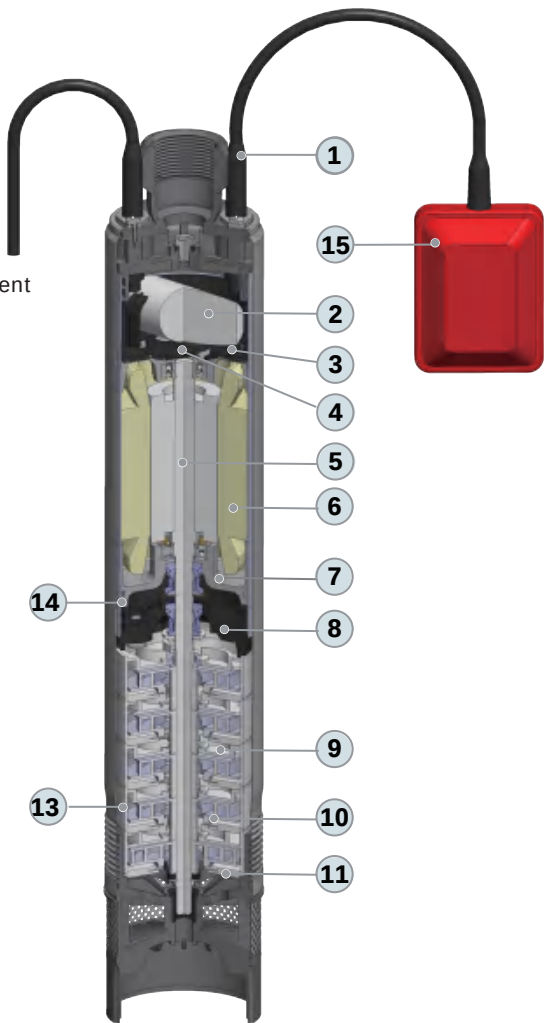


PERFORMANCE PARAMETERS

MODEL	HP	VOLTAGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD						
					0	264	528	793	1057	1321	1532
4TMS5.8-4	0.5	115V /60Hz	8.6A	1¼"	138	135	125	115	98	72	46
4TMS5.8-5	0.8		10.2A	1¼"	164	161	151	131	105	76	49
4TMS5.8-6	1.1		12.2A	1¼"	190	184	174	151	125	79	53
4TMS5.8-7	1.5		14.5A	1¼"	223	213	203	177	144	92	62

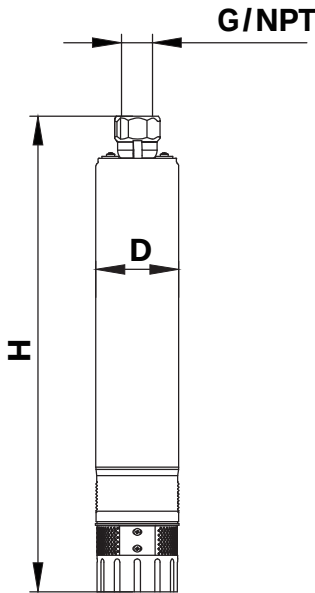
MATERIALS AND COMPONENTS

1	Water Outlet	Polyphenylene Oxide (PPO)
2	Capacitor	Metal Film Electrolytic Capacitor (45μF/250V)
3	Capacitor Box	Polycarbonate PC
4	Upper Bearing Housing	Cast Iron HT200 with cataphoretic treatment
5	Rotor Assembly	304 Stainless Steel Coupling Shaft + Silicon Steel Sheet 1300
6	Winding Coil	Enameled Copper Wire (CU) + Silicon Steel Sheet 1300
7	Lower Bearing Housing	Aluminum Alloy ADC12
8	Oil Chamber Cover Plate	Polyphenylene Oxide (PPO)
9	Diffuser	Polyoxymethylene (POM)
10	Impeller	Polyoxymethylene (POM)
11	Cover Plate	Polycarbonate (PC)
12	Water Inlet Section	Polyphenylene Oxide (PPO)
13	Pump Barrel	Stainless Steel 201
14	Motor Casing	Stainless Steel 201
15	Float Ball	Polypropylene (PP)

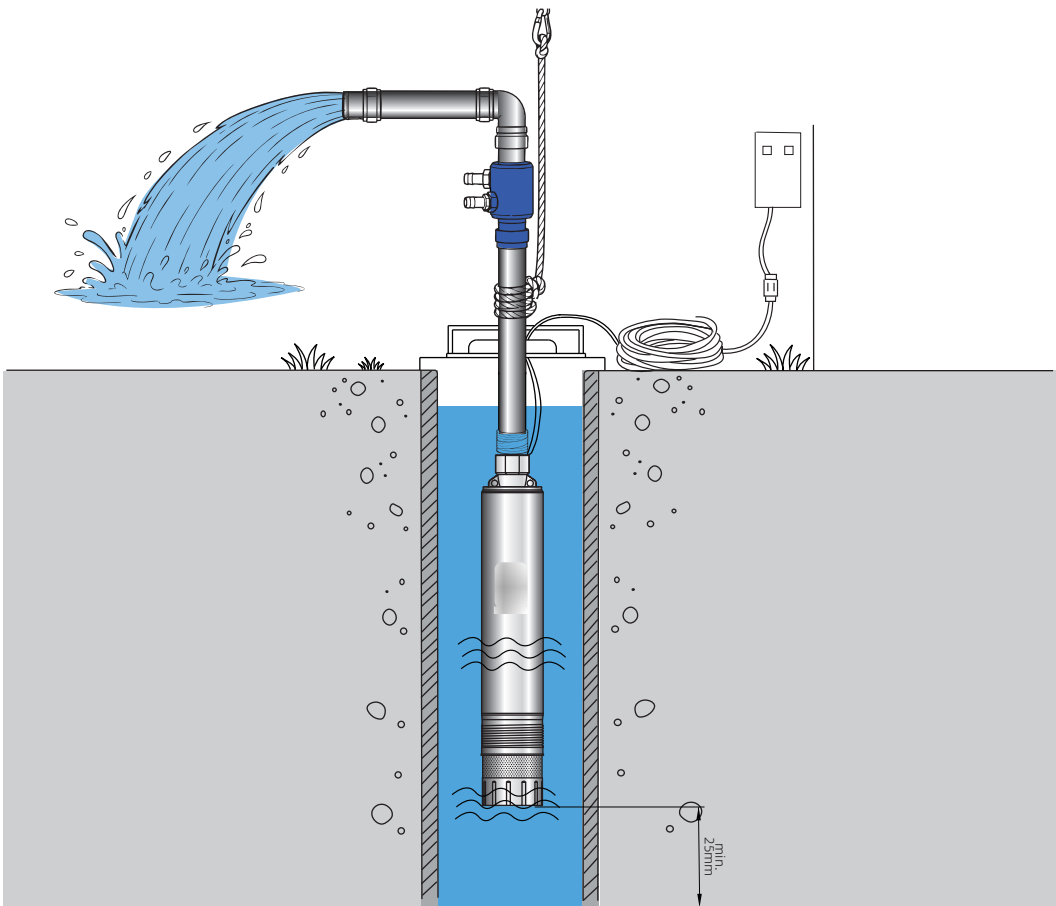


DIMENSIONS AND WEIGHT

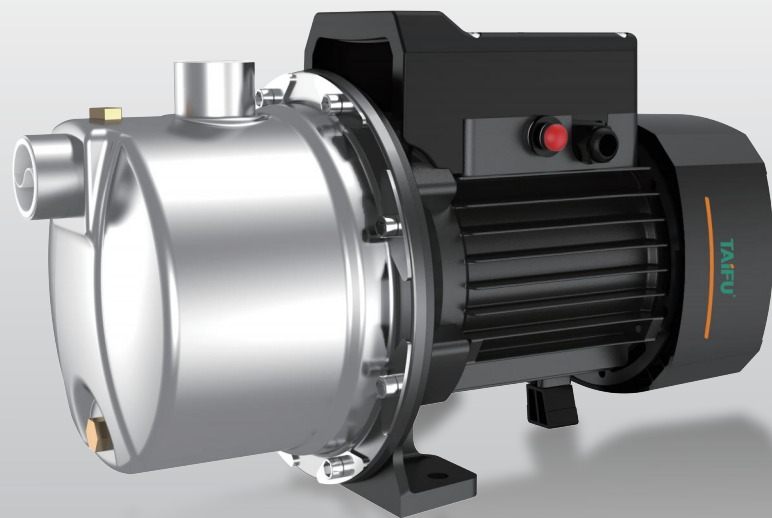
Model	D	H	G	Whole Weight(lbs) (With float ball 10M)
	In	In	In	
4TMS5.8-4	3.9	21.7	G1¼"	12.4
4TMS5.8-5	3.9	23.0	G1¼"	16.3
4TMS5.8-6	3.9	24.4	G1¼"	20.3
4TMS5.8-7	3.9	26.4	G1¼"	24.3



※Typical installation



- Clean Water
- Civil use
- Industrial use



PERFORMANCE RANGE

- Flow rate up to **1117 GPH**
- Head up to **167 ft**

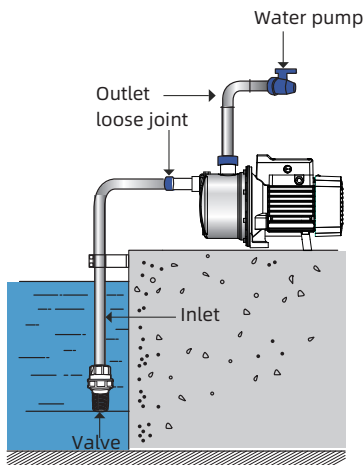
ADVANTAGES & FEATURES

- Aluminum die-cast motor housing and corrosion resistant, stainless pump body
- Thermoplastic impeller and diffuser
- Heavy-duty, dual-voltage 115/230V motor, pre-set at 230V
- Permanent energy-efficient, PSC motor equipped with built-in automatic thermal overload protector
- Versatile Usage: Perfect for use on swimming pools, spas, hot tubs, rooftops, and even water beds. Ideal for keeping your spaces dry and clean
- Compact and Efficient: Lightweight design makes it easy to handle and store, while providing reliable water drainage in a variety of situations.

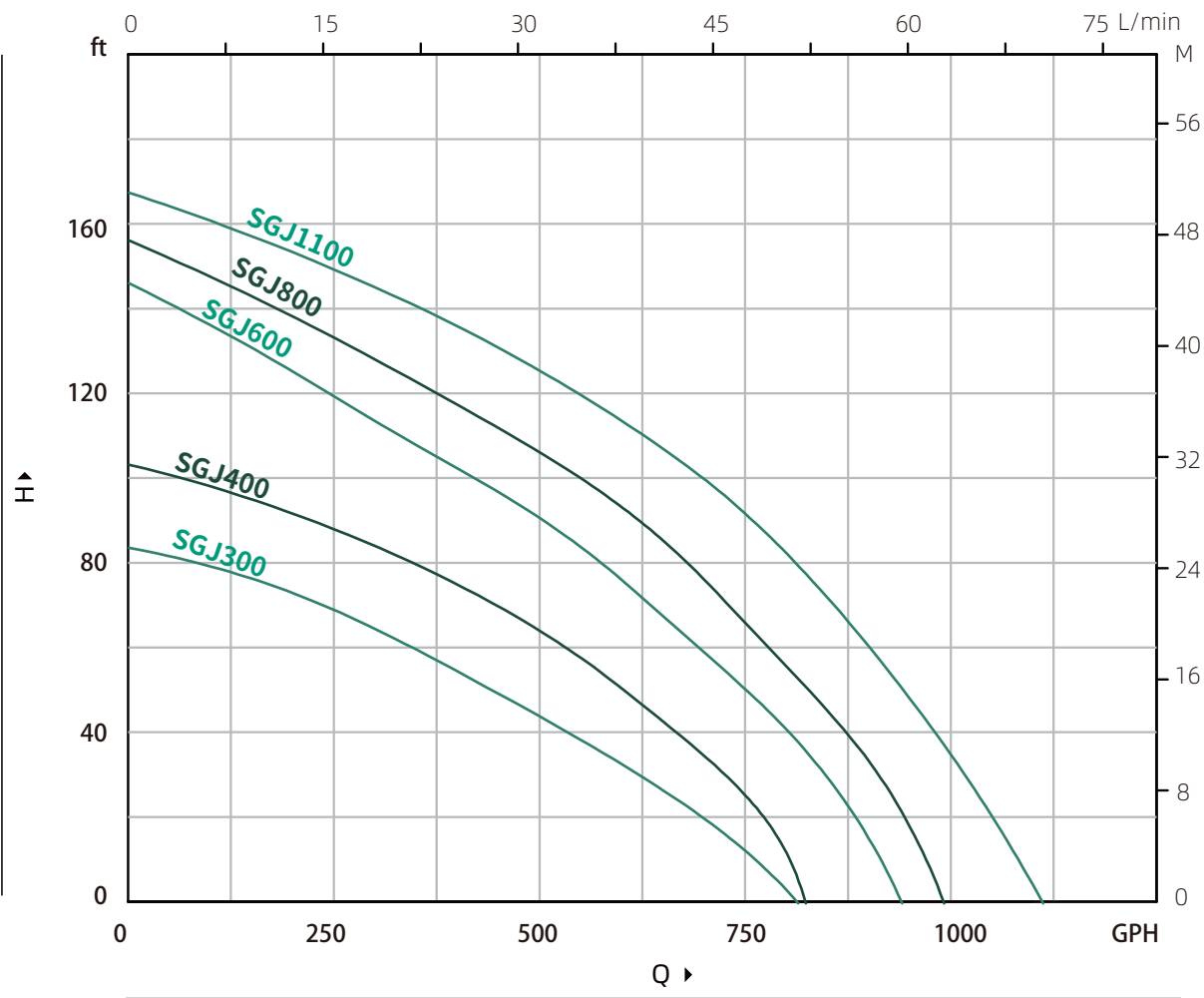
WORKING CONDITIONS

- Ambient temperature is 0°C~+45°C
- The medium temperature does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities is not more than 0.1% and the particle size is not more than 0.2mm

EXAMPLES OF INSTALLATION



PERFORMANCE CURVE

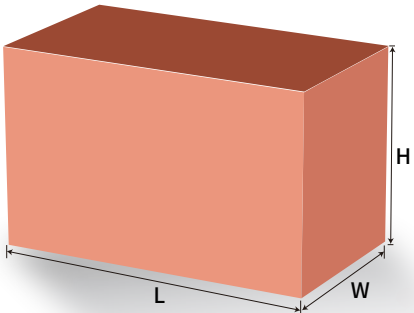


PERFORMANCE PARAMETERS

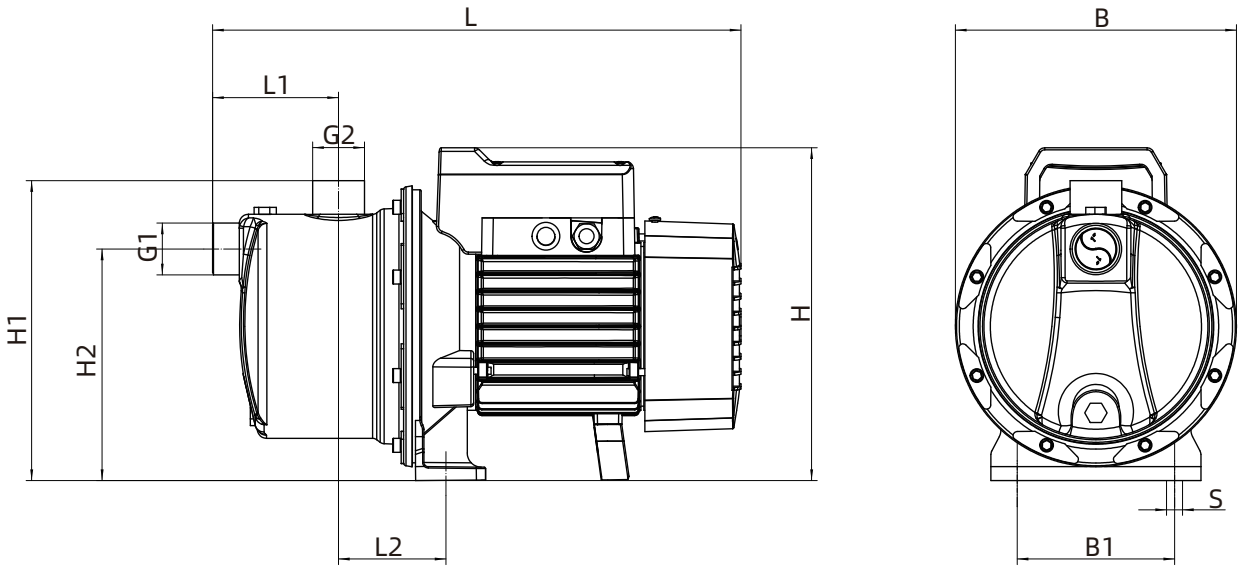
MODEL	HP	VOLTAGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD					MAX. HEAD FT
					0 ft	16 ft	65 ft	98 ft	130 ft	
SGJ300	1/2	115V	2A	1"	818	739	297	/	/	84
SGJ400	1/2	115V	3A	1"	827	792	495	101	/	103
SGJ600	3/4	115V	4.2A	1"	945	902	668	440	157	146
SGJ800	1	115V	9.6A	1"	997	960	758	568	281	151
SGJ1100	1½	115V	11.4A	1"	1117	1070	885	715	459	167

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
SGJ300	14.5	14.7	7.5	8.1
SGJ400	15.2	14.7	7.5	8.1
SGJ600	25.5	16.5	8.3	9.5
SGJ800	27.1	16.5	8.3	9.5
SGJ1100	27.1	16.5	8.3	9.5



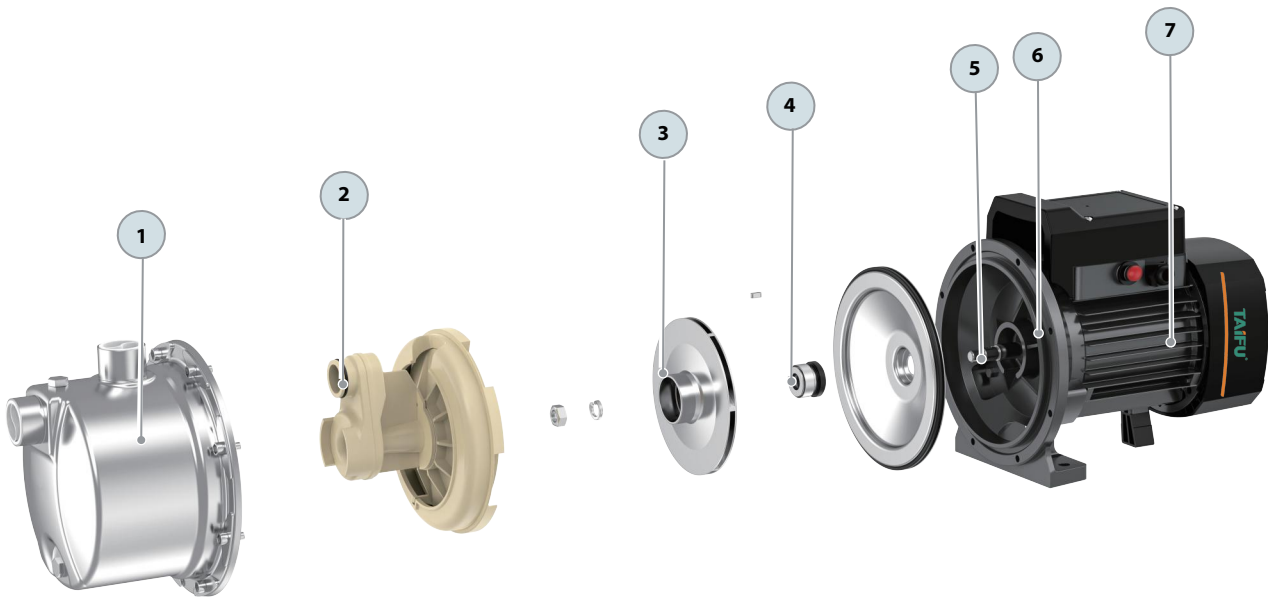
DIMENSION



Model Single-phase	G1	G2	Dimensions									G.W. (lbs)
			L(in)	L1(in)	L2(in)	H(in)	H1(in)	H2(in)	B(in)	B1(in)	S(in)	
SGJ300	1"	1"	13.31	2.95	3.31	7.40	7.28	5.31	7.13	4.37	0.39	12.76
SGJ400	1"	1"	13.31	2.95	3.31	7.40	7.28	5.31	7.13	4.37	0.39	14.08
SGJ600	1"	1"	14.76	3.54	3.23	9.06	8.15	6.26	7.91	4.37	0.39	23.76
SGJ800	1"	1"	14.76	3.54	3.23	9.06	8.15	6.26	7.91	4.37	0.39	24.64
SGJ1100	1"	1"	14.76	3.54	3.23	9.06	8.15	6.26	7.91	4.37	0.39	25.52

MATERIALS AND COMPONENTS

1	Pump body	Stainless steel AISI304			
2	Fluid component	Technopolymer(PPO-GF30)			
3	Impeller	Stainless steel AISI304/Technopolymer(PPO-GF30)			
4	Mechanical seal	Water pump	Seal	Shaft	Materials
		SGJ300	301-12	Φ12mm	Graphite/Ceramic/NBR
		SGJ400	301-12	Φ12mm	Graphite/Ceramic/NBR
		SGJ600	301-14	Φ14mm	Graphite/Ceramic/NBR
		SGJ800	301-14	Φ14mm	Graphite/Ceramic/NBR
		SGJ1100	301-14	Φ14mm	Graphite/Ceramic/NBR
5	Motor Shaft	Stainless steel AISI 304 welded shaft			
6	Connector	SGJ300/SGJ400:Aluminum Connection, ADC12			
		SGJ600/SGJ800/SGJ1100:Iron Connection, HT200			
7	Motor	Single-phase 115V-60Hz with winding integrated thermal motor protection			





- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **1117 GPH**
- Head up to **167 ft**

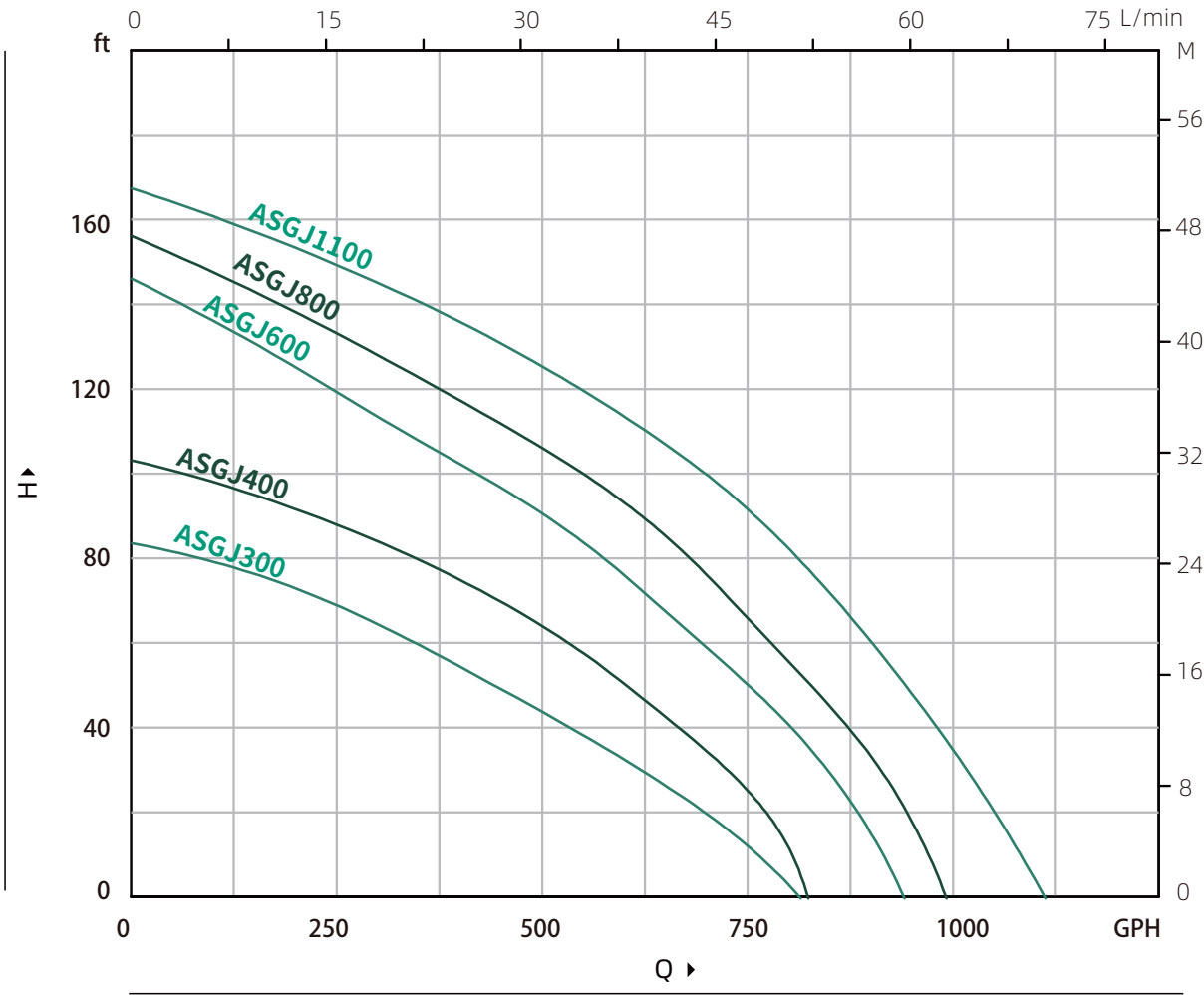
ADVANTAGES & FEATURES

- Automatic pressure booster
- Maintains preset water pressure for consistent water supply
- Stainless steel corrosion resistant construction
- Designed to supply consistent water pressure without the use of a tank
- Single voltage motor 115V

WORKING CONDITIONS

- Ambient temperature is 0°C~+45°C
- The medium temperature does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities is not more than 0.1% and the particle size is not more than 0.2mm

PERFORMANCE CURVE

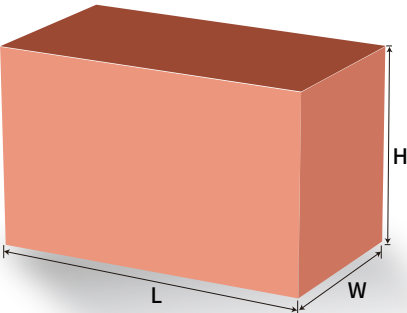


PERFORMANCE PARAMETERS

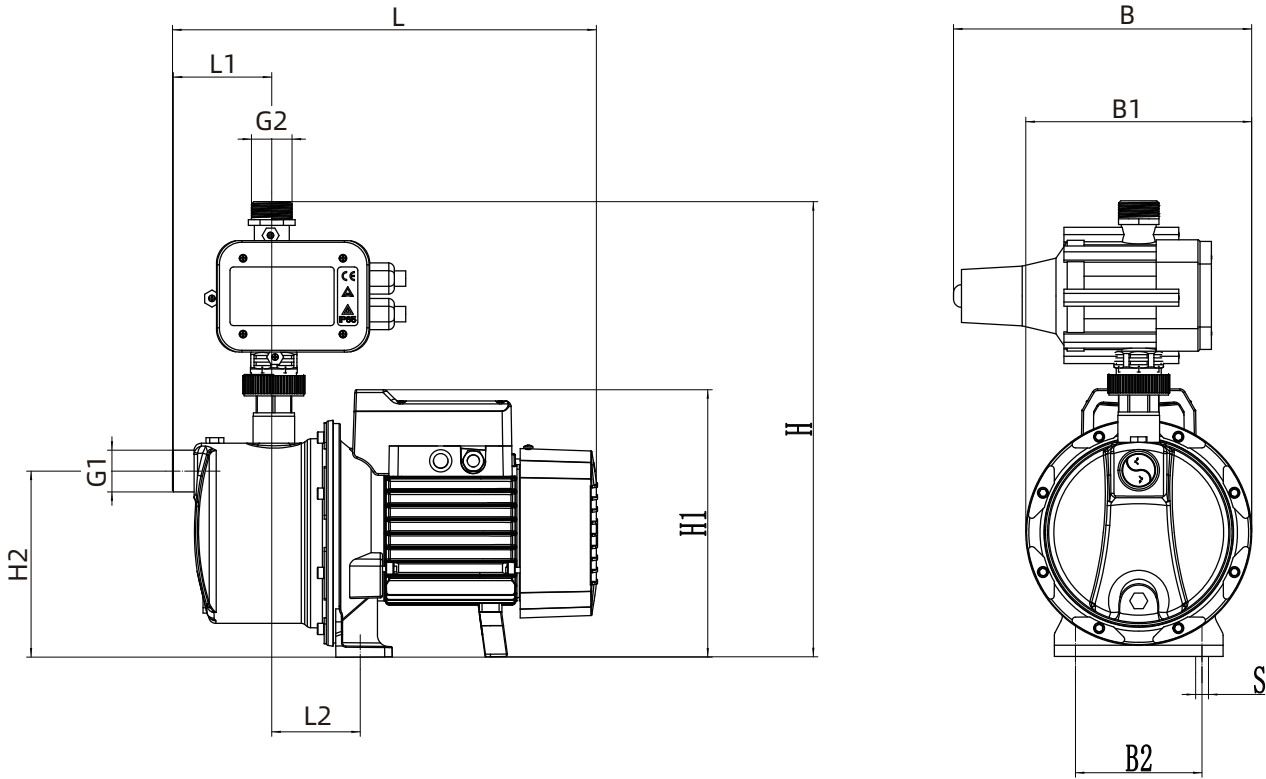
MODEL	HP	VOLTAGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD					MAX. HEAD FT
					0 ft	16 ft	65 ft	98 ft	130 ft	
ASGJ300	1/2	115V	2A	1"	818	739	297	/	/	84
ASGJ400	1/2	115V	3A	1"	827	792	495	101	/	103
ASGJ600	3/4	115V	4.2A	1"	945	902	668	440	157	146
ASGJ800	1	115V	9.6A	1"	997	960	758	568	281	151
ASGJ1100	1½	115V	11.4A	1"	1117	1070	885	715	459	167

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
ASGJ300	\	\	\	\
ASGJ400	\	\	\	\
ASGJ600	27.1	16.5	8.3	9.5
ASGJ800	27.1	16.5	8.3	9.5
ASGJ1100	27.1	16.5	8.3	9.5



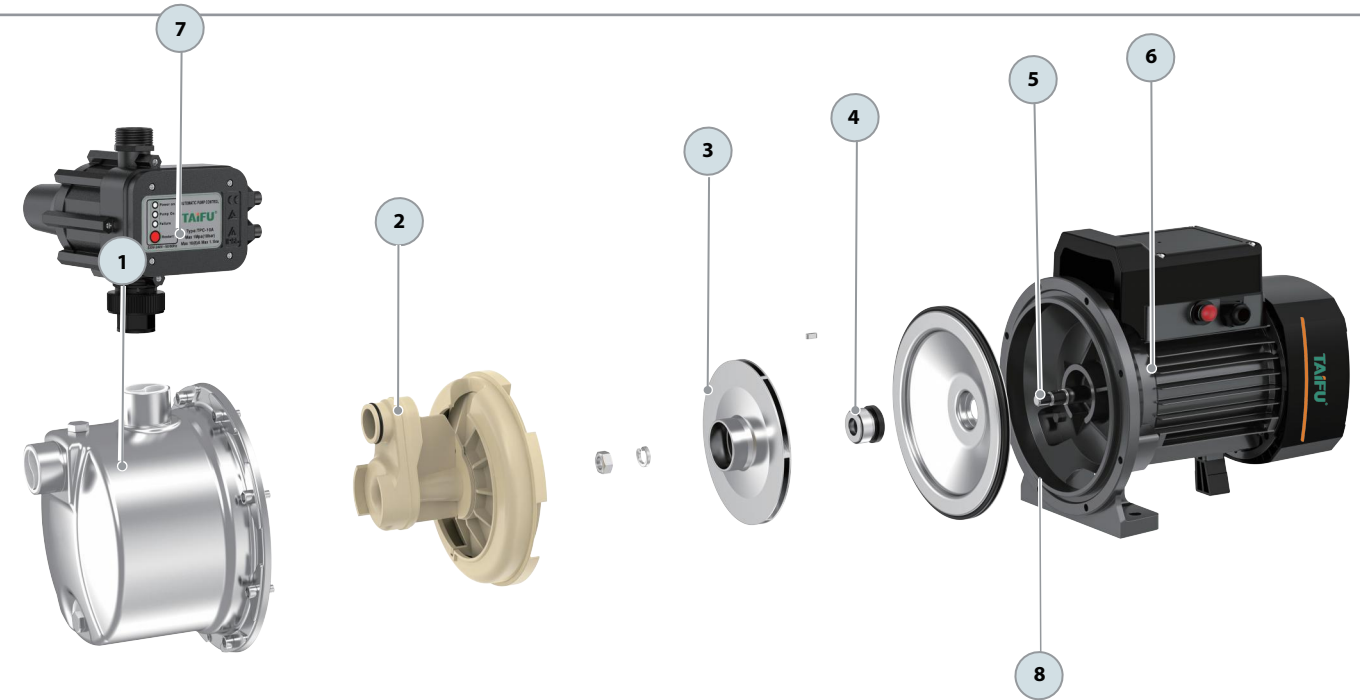
DIMENSION



Model Single-phase	G1	G2	Dimensions										G.W. (lbs)
			L(in)	L1(in)	L2(in)	H(in)	H1(in)	H2(in)	B(in)	B1(in)	B2(in)	S(in)	
ASGJ300	1"	1"	13.31	2.95	3.31	15.06	7.40	5.31	10.04	7.13	4.37	0.39	15.18
ASGJ400	1"	1"	13.31	2.95	3.31	15.06	7.40	5.31	10.04	7.13	4.37	0.39	16.50
ASGJ600	1"	1"	14.76	3.54	3.23	15.93	9.06	6.26	10.43	7.91	4.37	0.39	26.18
ASGJ800	1"	1"	14.76	3.54	3.23	15.93	9.06	6.26	10.43	7.91	4.37	0.39	27.06
ASGJ1100	1"	1"	14.76	3.54	3.23	15.93	9.06	6.26	10.43	7.91	4.37	0.39	27.94

MATERIALS AND COMPONENTS

1	Pump body	Stainless steel AISI304			
2	Fluid Components	Technopolymer(PPO-GF30)			
3	Impeller	Stainless steel AISI304 /Technopolymer(PPO-GF30)			
4	Mechanical seal	Water pump	Seal	Shaft	Materials
		ATSGJ300	301-12	Φ12mm	Graphite/Ceramic/NBR
		ATSGJ400	301-12	Φ12mm	Graphite/Ceramic/NBR
		ATSGJ600	301-14	Φ14mm	Graphite/Ceramic/NBR
		ATSGJ800	301-14	Φ14mm	Graphite/Ceramic/NBR
		ATSGJ1100	301-14	Φ14mm	Graphite/Ceramic/NBR
5	Motor Shaft	Stainless steel AISI304 welded shaft			
6	Motor	Single-phase 115V-60Hz with winding integrated thermanl motor protection			
7	Pressure Controller	115V/60Hz			
8	Connector	ASGJ300/ASGJ400:Aluminum Connection, ADC12			
		ASGJ600/ASGJ800/ASGJ1100:Iron Connection, HT200			



- Clean Water
- Civil use
- Industrial use



PERFORMANCE RANGE

- Flow rate up to **1200 GPH**
- Head up to **180ft**

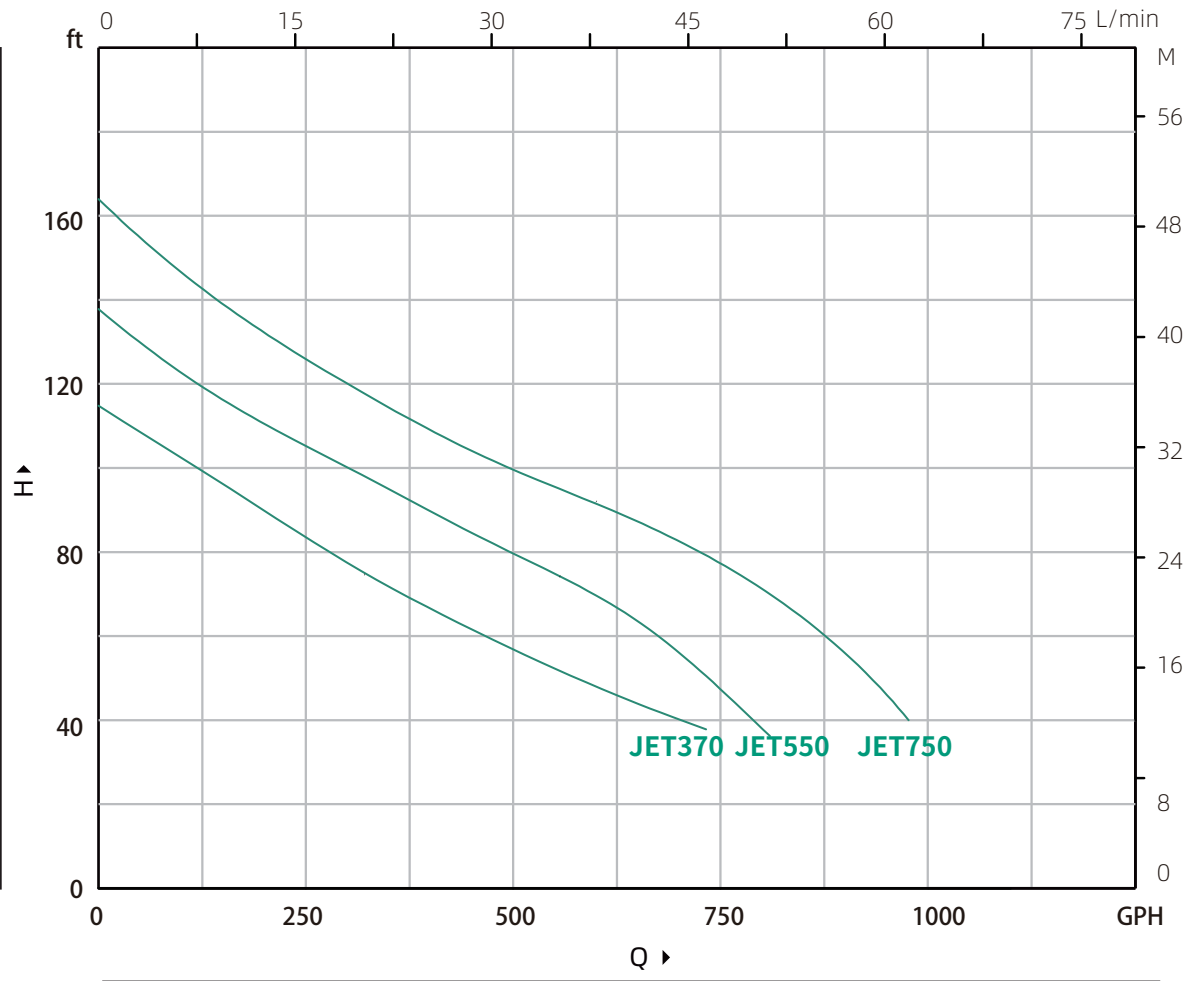
ADVANTAGES & FEATURES

- Durable cast iron volute
- Built-in automatic thermal overload protector
Pressure switch is pre-set at 30-50 PSI for automatic operation
- Dual voltage (115V) motor, factory set for 115V
- For use on shallow well applications where wells are 25ft (7.6m) deep or less
- 1-1/4"NPT suction with 1"NPT discharge

WORKING CONDITIONS

- Ambient temperature is 0°C~+45°C
- The medium temperature does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities is not more than 0.1% and the particle size is not more than 0.2mm

PERFORMANCE CURVE

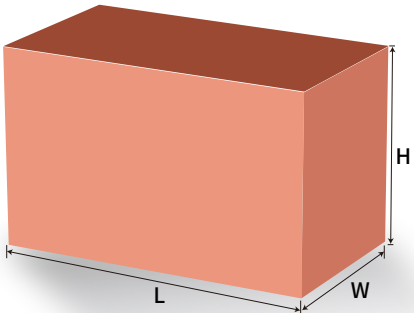


PERFORMANCE PARAMETERS

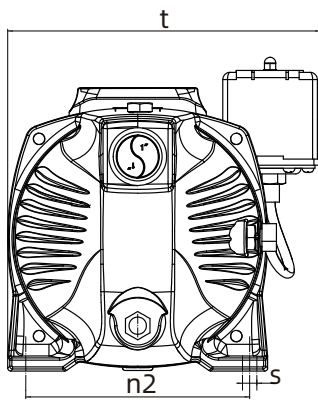
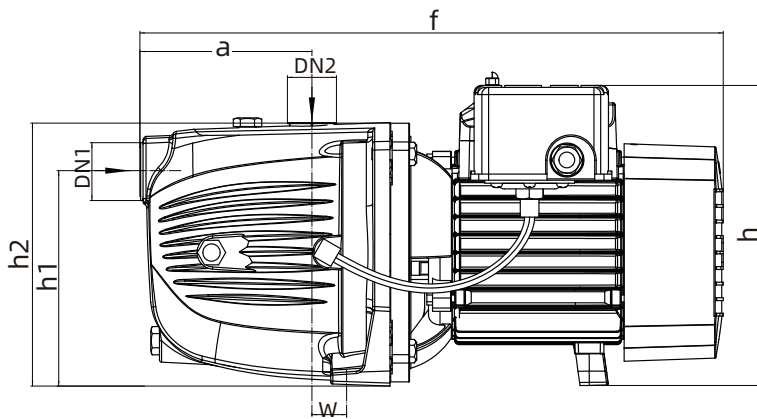
MODEL	HP	VOLTAGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD				MAX. HEAD FT
					5 ft	10 ft	15 ft	20 ft	
JET370	1/2	115	6.6A	1"	390	340	280	250	147
JET550	3/4	115	9.0A	1"	930	750	660	570	148
JET750	1	115	9.6A	1"	1200	1080	960	780	180

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
JET370	27.1	15.2	10.4	9.2
JET550	29.9	17.7	12.0	10.0
JET750	31.9	17.7	12.0	10.0



DIMENSION



Model Single-phase	DN1	DN2	Dimensions									G.W. (lbs)
			a	f	h	h1	h2	t	n2	w	s	
JET370	1"	1"	2.95	12.99	8.19	5.20	6.89	7.72	4.92	0.98	0.39	21.16
JET550	1"	1"	4.72	17.13	7.72	5.87	7.28	8.50	6.10	0.94	0.39	26.23
JET750	1"	1"	4.72	17.13	7.72	5.87	7.28	8.50	6.10	0.94	0.39	26.90

MATERIALS AND COMPONENTS

1	Pump body	Cast iron with cataphoretic treatment			
2	Nozzle	Technopolymer(PPO-GF30)			
3	Impeller	Stainless steel AISI304			
4	Mechanical seal	Water pump	Seal	Shaft	Materials
		JET370	108-12	Φ12mm	06Cr19Ni10 Stainless Steel
		JET550	108-14	Φ14mm	06Cr19Ni10 Stainless Steel
		JET750	108-14	Φ14mm	06Cr19Ni10 Stainless Steel
5	Bearing Cover	Stainless steel AISI 304			
6	Motor Shaft	Stainless steel AISI304 (06Cr19Ni10)			

7

Motor

Single-phase 115V-60Hz with winding integrated thermanl motor protection
Continous running duty **S1**
Insulation class: **F**
Protection class: **IPX4**



- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **1200 GPH**
- Head up to **180 ft**

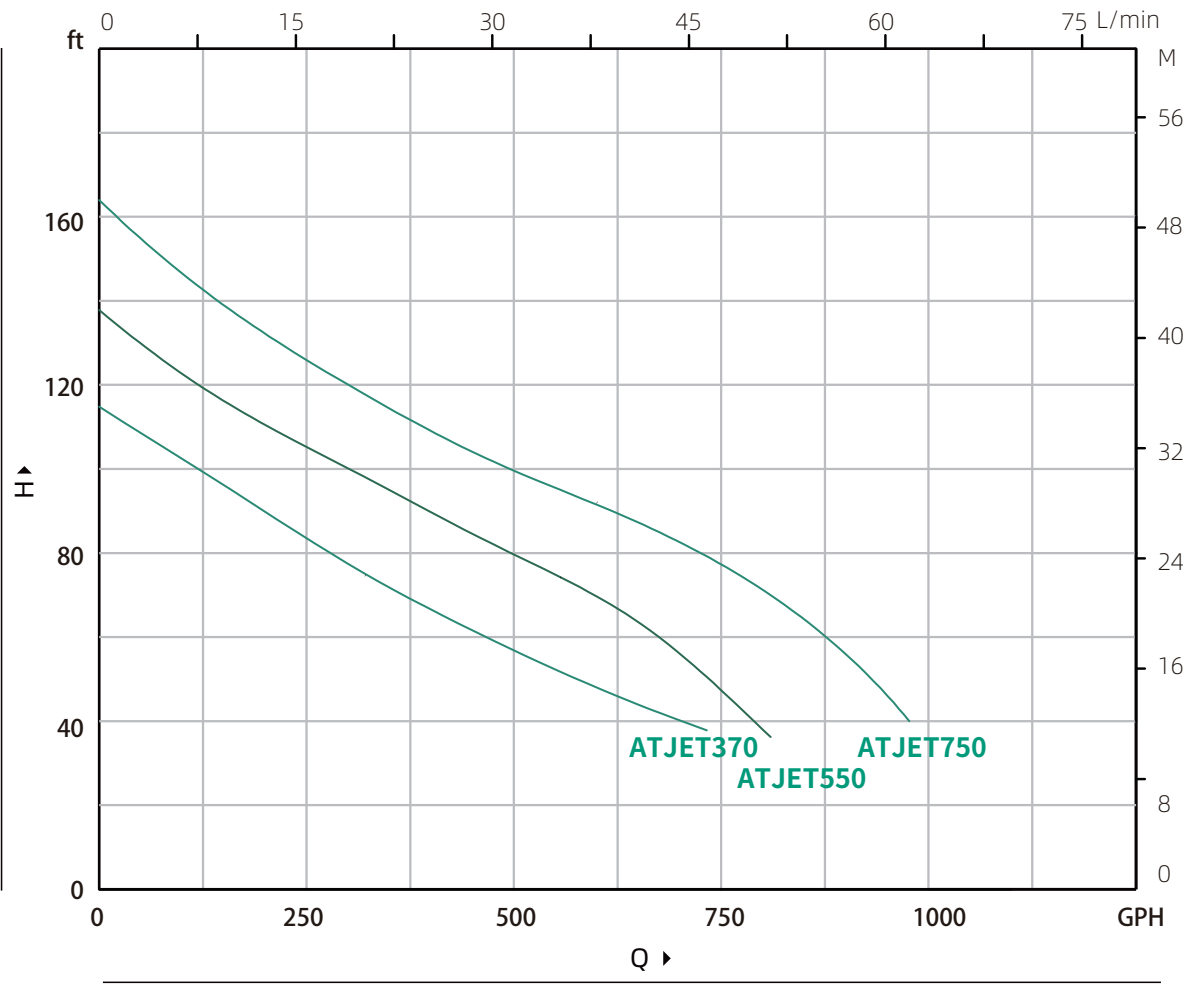
ADVANTAGES & FEATURES

- Durable cast iron volute
- Built-in thermal overload protector
Pressure switch is pre-set at 30~50 PSI for automatic operation
- System includes jet pump, pressure switch, pressure gauge, precharged pressure tank
Carbon/ceramic mechanical seal
- Shallow well applications with depth to 25 feet

WORKING CONDITIONS

- Ambient temperature is 0°C~+45°C
- The medium temperature does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities is not more than 0.1% and the particle size is not more than 0.2mm

PERFORMANCE CURVE

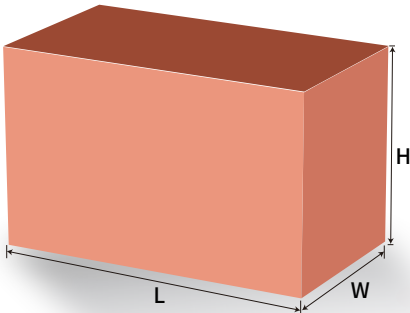


PERFORMANCE PARAMETERS

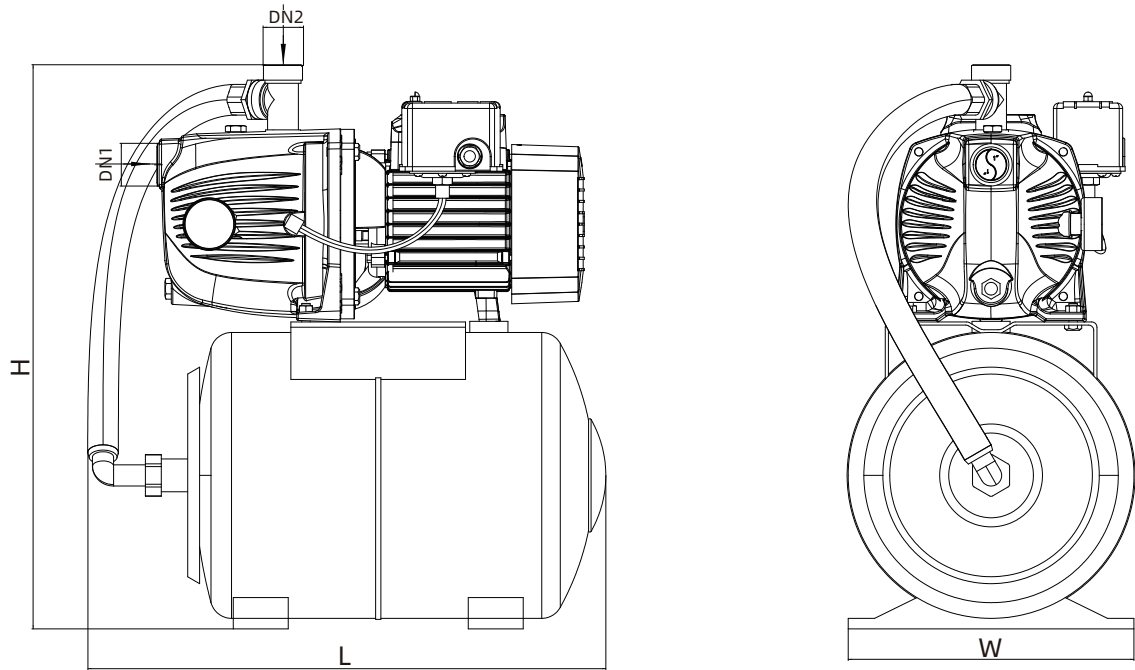
MODEL	HP	VOLTAGE	AMP	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD				MAX. HEAD FT
					5 ft	10 ft	15 ft	20 ft	
ATJET370	1/2	115	6.6A	1"	390	340	280	250	147
ATJET550	3/4	115	9.0A	1"	930	750	660	570	148
ATJET750	1	115	9.6A	1"	1200	1080	960	780	180

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
ATJET370	27.1	15.2	10.4	9.2
ATJET550	29.9	17.7	12.0	10.0
ATJET750	31.9	17.7	12.0	10.0



DIMENSION

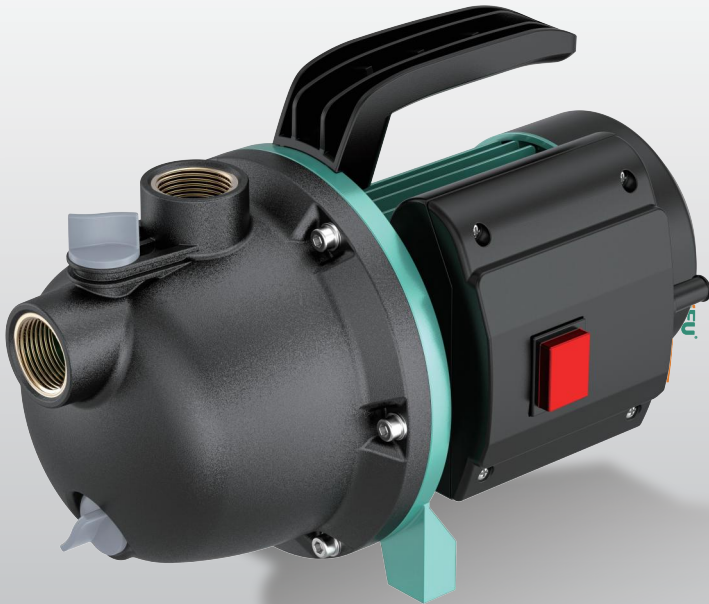


Model Single-phase	DN1	DN2	Dimensions			Pressure Tank	Pressure Value (bar)	G.W. (lbs)
			L(in)	H(in)	W(in)			
ATJET370	1"	1"	20.94	18.19	12.20	24L	1.2-1.4	32.41
ATJET550	1"	1"	20.94	19.21	12.99			37.48
ATJET750	1"	1"	20.94	19.21	12.99			38.14

MATERIALS AND COMPONENTS

1	Hose	06Cr19Ni10			
2	Pump body	Cast iron with cataphoretic treatment, equipped with ISO228/1 threaded port			
3	Fluid Components	Technopolymer(PPO-GF30)			
4	Impeller	Stainless steel AISI 304			
5	Mechanical seal	Water pump	Seal	Shaft	Materials
		JET370	108-12	Φ12mm	06Cr19Ni10 Stainless Steel
		JET550	108-14	Φ14mm	06Cr19Ni10 Stainless Steel
		JET750	108-14	Φ14mm	06Cr19Ni10 Stainless Steel
6	Bearing Cover	Stainless steel AISI 304			
7	Motor Shaft	Stainless steel AISI304 (06Cr19Ni10)			
8	Motor	Single-phase 115V-60Hz with winding integrated thermanl motor protection Continous running duty S1 Insulation class: F Protection class: IPX4			
9	Pressure tank	06Cr19Ni10			





- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **1200 GPH**
- Head up to **180 ft**

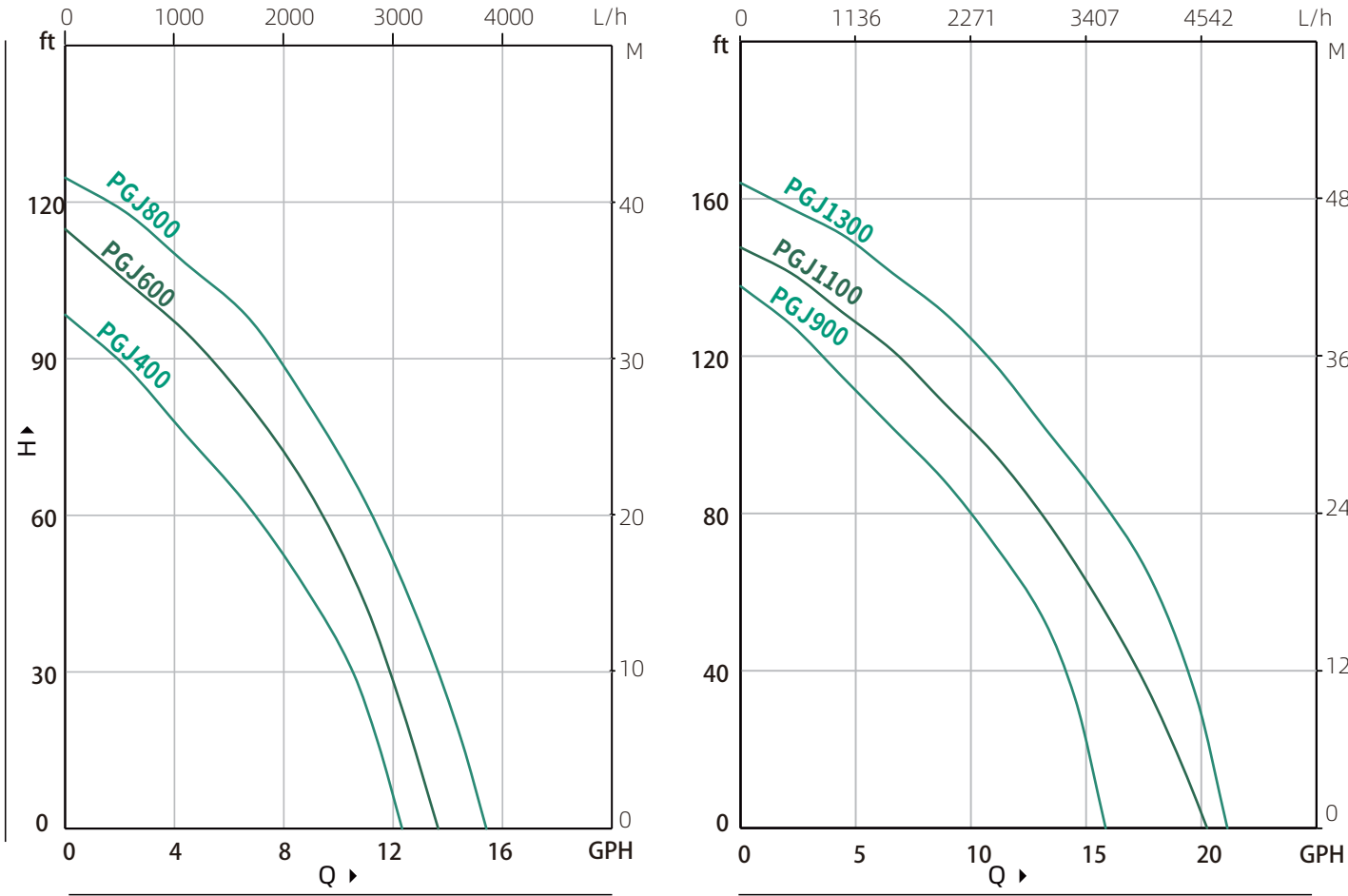
ADVANTAGES & FEATURES

- High-strength stainless steel head – resists corrosion and abrasion for long-lasting performance.
- Energy-efficient PSC motor with copper wiring and built-in thermal overload protection – runs quietly & reliably.
- Portable L-shaped handle – easy to carry and move wherever you need it.
- Plastic pump head and handle, aluminum motor housing and plastic fan cover. For clean water. Equipped with an on/off waterproof switch.

WORKING CONDITIONS

- Ambient temperature is 0°C~+45°C
- The medium temperature does not exceed +40°C
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities is not more than 0.1% and the particle size is not more than 0.2mm

PERFORMANCE CURVE

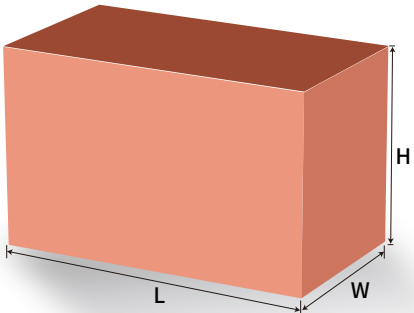


PERFORMANCE PARAMETERS

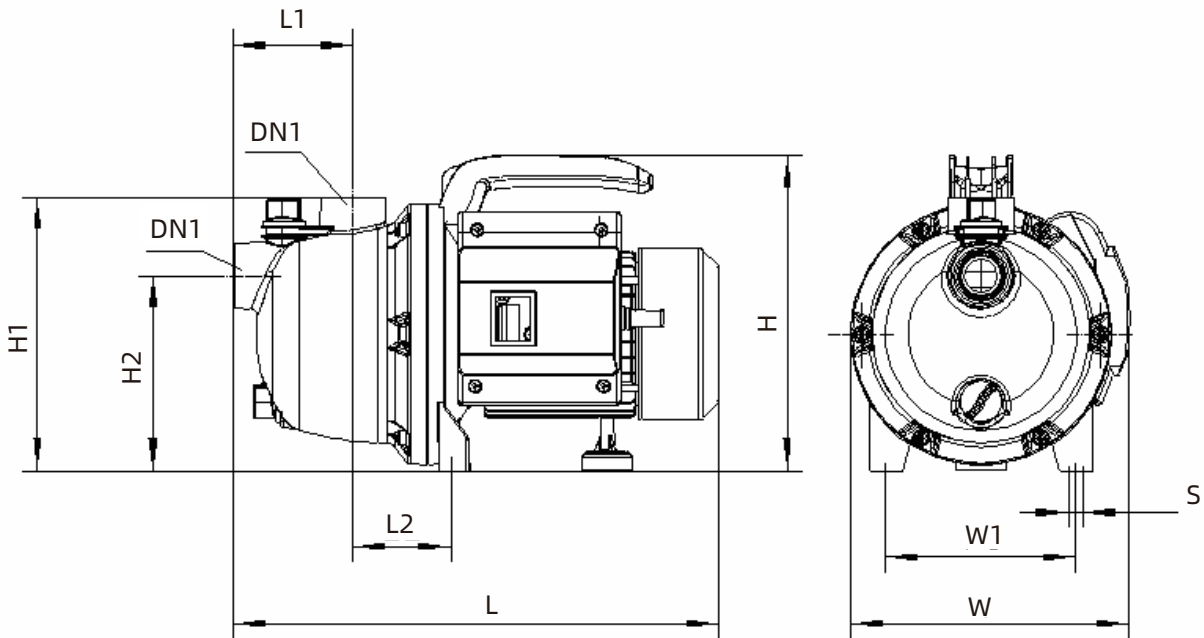
MODEL	HP	VOLTAGE	MAX. SUCTION HEIGHT FT	MAX. NOISE LEVEL	CABLE LENGTH FT	MAX. HEAD FT
PGJ400	0.54	115V/60Hz	26.2	85 dB	3.3	98.4
PGJ600	0.8	115V/60Hz	26.2	85 dB	3.3	114.8
PGJ800	1	115V/60Hz	26.2	85 dB	3.3	124.7
PGJ900	1.2	115V/60Hz	26.2	85 dB	3.3	137.8
PGJ1100	1.5	115V/60Hz	26.2	85 dB	3.3	147.6
PGJ1300	1.7	115V/60Hz	26.2	85 dB	3.3	164.0

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
PGJ400	13.4	14.7	7.5	8.1
PGJ600	14.1	16.5	8.3	9.5
PGJ800	14.8	16.5	8.3	9.5
PGJ900	16.5	16.5	8.3	9.5
PGJ1100	17.9	16.5	8.3	9.5
PGJ1300	18.7	16.5	8.3	9.5



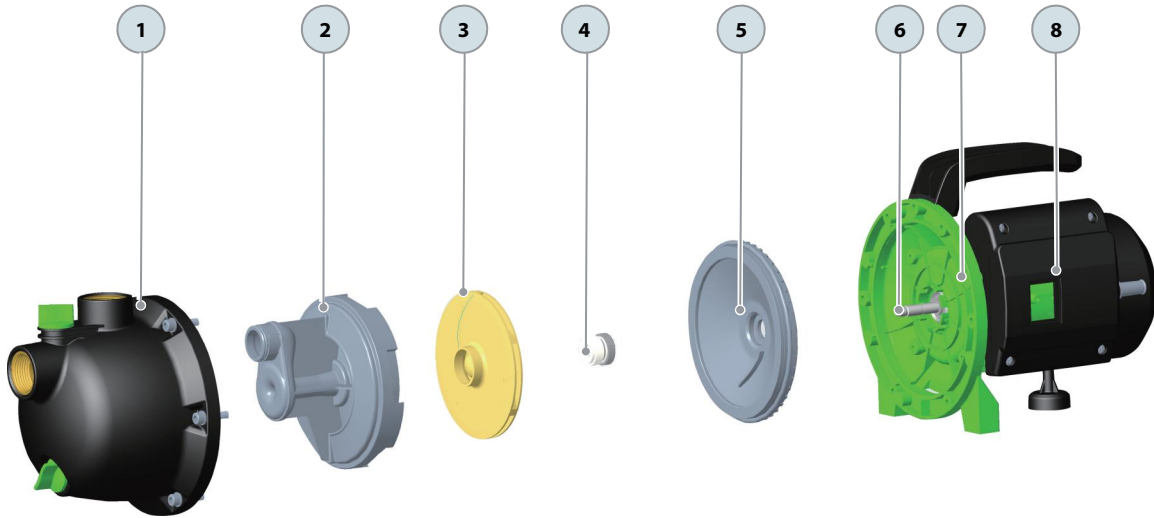
DIMENSION



Model	DN1	DN2	Dimensions									G.W. (lbs)
			L	L1	L2	H	H1	H2	W	W1	S	
PGJ400	1"	1"	13.39	3.35	2.76	8.66	7.48	5.35	7.68	5.20	0.39	/
PGJ600	1"	1"	13.39	3.35	2.76	8.66	7.48	5.35	7.68	5.20	0.39	/
PGJ800	1"	1"	13.39	3.35	2.76	8.66	7.48	5.35	7.68	5.20	0.39	/
PGJ900	1"	1"	14.96	3.94	2.95	10.24	8.27	6.10	8.27	5.91	0.39	/
PGJ1100	1"	1"	14.96	3.94	2.95	10.24	8.27	6.10	8.27	5.91	0.39	/
PGJ1300	1"	1"	14.96	3.94	2.95	10.24	8.27	6.10	8.27	5.91	0.39	/

MATERIALS AND COMPONENTS

1	Pump body	Stainless steel AISI 304			
2	Fluid Components	Technopolymer(PPO-GF30)			
3	Impeller	Stainless steel AISI 304			
4	Mechanical seal	Water pump	Seal	Shaft	Materials
		PGJ400	301-12	Φ12mm	Ceramic/Graphite/NBR
		PGJ600	301-12	Φ12mm	Ceramic/Graphite/NBR
		PGJ800	301-12	Φ12mm	Ceramic/Graphite/NBR
		PGJ900	301-14	Φ14mm	Ceramic/Graphite/NBR
		PGJ1100	301-14	Φ14mm	Ceramic/Graphite/NBR
		PGJ1300	301-14	Φ14mm	Ceramic/Graphite/NBR
5	Cover	Plastic			
6	Motor Shaft	Stainless steel AISI304 (06Cr19Ni10)			
7	Connector	Aluminum with cataphoretic treatment			
8	Motor	Single-phase 115V-60Hz with winding integrated thermanl motor protection Continous running duty S1			



- Clean Water
- Civil use
- Industrial use



PERFORMANCE RANGE

- Flow rate up to **898 GPH**
- Head up to **19.7 ft**

ADVANTAGES & FEATURES

- The pump and system are integrated design, easy to install and suitable for use in small spaces.
- No rolling bearings, no need to add lubricating oil, no need to bother about vibration overload, very convenient maintenance.
- No motor fan, internal liquid circulation cooling, less noise, more quiet.
- No mechanical seal, more effective in eliminating liquid leakage, suitable for various liquids.
- Three speed motor

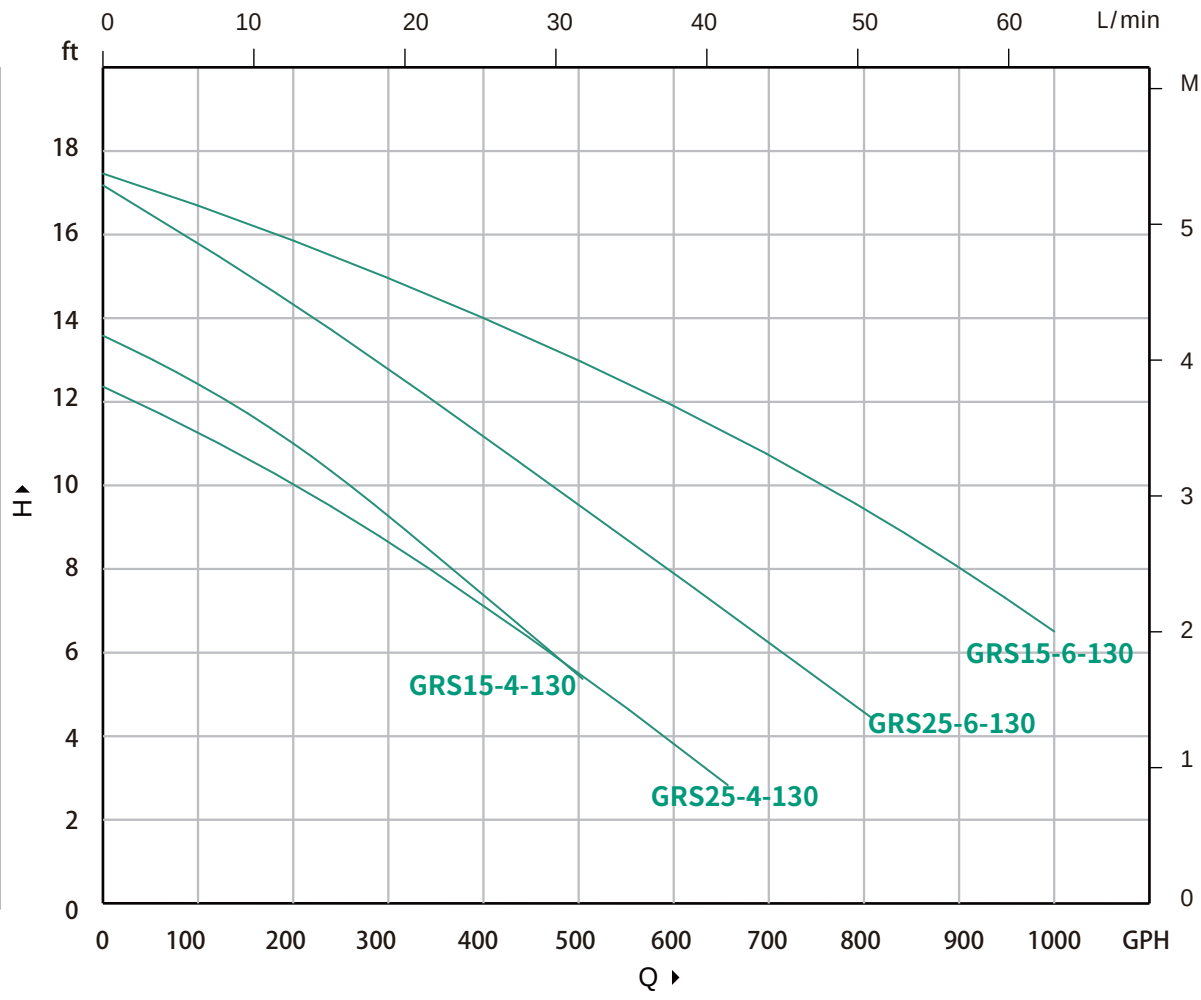
WORKING CONDITIONS

- Supply voltage: 115V/60Hz
- Max.head:13.1~19.7 FT
- Max.flow rate: 792.5~898 GPH
- Liquid temperature: +2°C~+110°C
- Power range: 80~280W
- Ambient temperature: 0°C~+40°C
- Protection class: IP44
- Insulation class: H

APPLICATIONS

- Hot water circulation and heating systems, air conditioning systems, industrial, circulation systems, domestic water booster.

PERFORMANCE CURVE

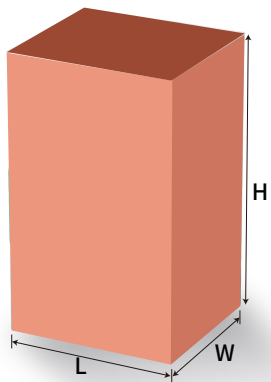


PERFORMANCE PARAMETERS

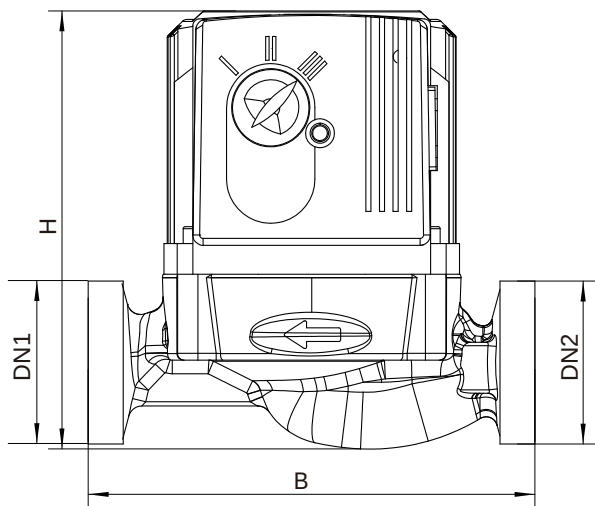
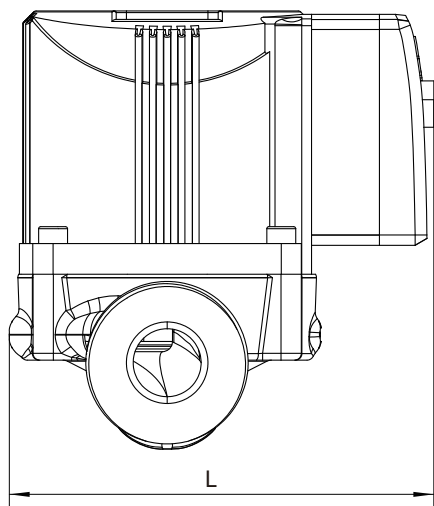
MODEL	VOLTAGE/ FREQUENCY	POWER (W)	MAX. CURRENT (A)	MAX. FLOW GPH	MAX. HEAD FT	CONNECTOR
GRS15-4-130	115V/60Hz	80	0.62	792.5	13.1	1"to ¾"
GRS25-4-130	115V/60Hz	80	0.62	819	13.1	1½"to 1"
GRS15-6-130	115V/60Hz	93	1	872	19.7	1"to ¾"
GRS25-6-130	115V/60Hz	93	1	898	19.7	1½"to 1"

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
GRS15-4-130	6.39	8.46	5.83	5.24
GRS25-4-130	6.83	8.46	5.83	5.24
GRS15-6-130	6.39	8.46	5.83	5.24
GRS25-6-130	6.83	8.46	5.83	5.24



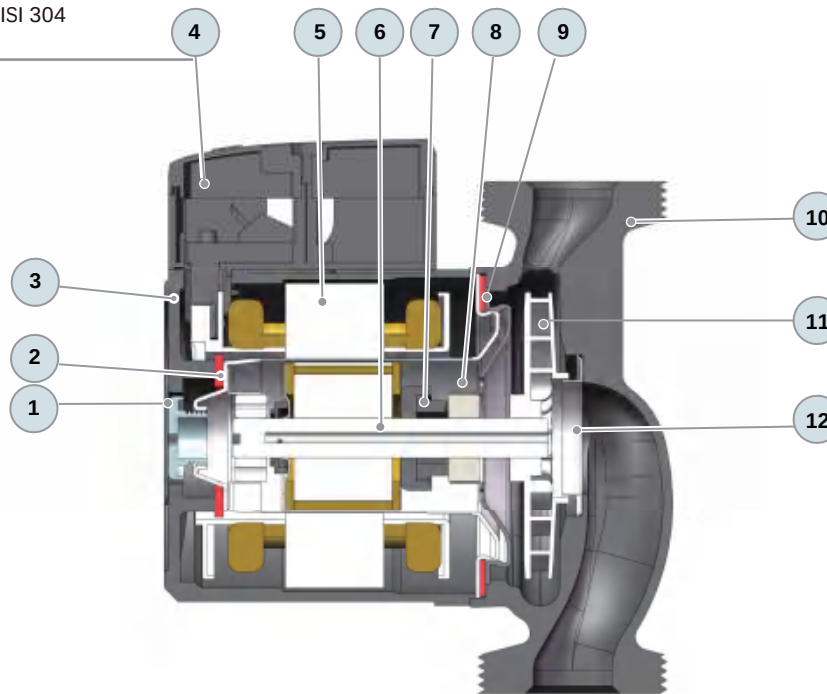
DIMENSION



Model Single-phase	DN1 (NPT)	DN1 (NPT)	Dimensions			G.W. (lbs)
			L(in)	H(in)	B(in)	
GRS15-4-130	1"	1"	5	5.1	5.1	6.4
GRS25-4-130	1½"	1½"	5	5.1	5.1	6.4
GRS15-6-130	1"	1"	5	5.1	5.1	6.8
GRS25-6-130	1½"	1½"	5	5.1	5.1	6.8

MATERIALS AND COMPONENTS

1	Air screw	Copper
2	Rear end cover gasket	Silicone
3	Motor housing	Aluminum with cataphoretic treatment
4	Terminal Box	Technopolymer
5	Winding	Copper Enameled Wire + 50ZW1300
6	Shaft	Ceramic
7	Thrust Bearing	NBR+Graphite
8	Canned Sleeve	Stainless Steel AISI 304+Ceramic
9	Canned Sleeve Gasket	Silicone
10	Pump Body	Cast iron with cataphoretic treatment
11	Impeller	Technopolymer(PPO+GF30)
12	Wear Ring	Stainless Steel AISI 304





- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **1981 GPH**
- Head up to **16.4 ft**

ADVANTAGES & FEATURES

- The pump and system are integrated design, easy to install and suitable for use in small spaces.
- No rolling bearings, no need to add lubricating oil, no need to bother about vibration overload, very convenient maintenance.
- No motor fan, internal liquid circulation cooling, pump noise is smaller and quieter.
- No mechanical seal, more effective in eliminating liquid leak-age, suitable for a variety liquids.
- Excellent performance, high flow rate and high lift.

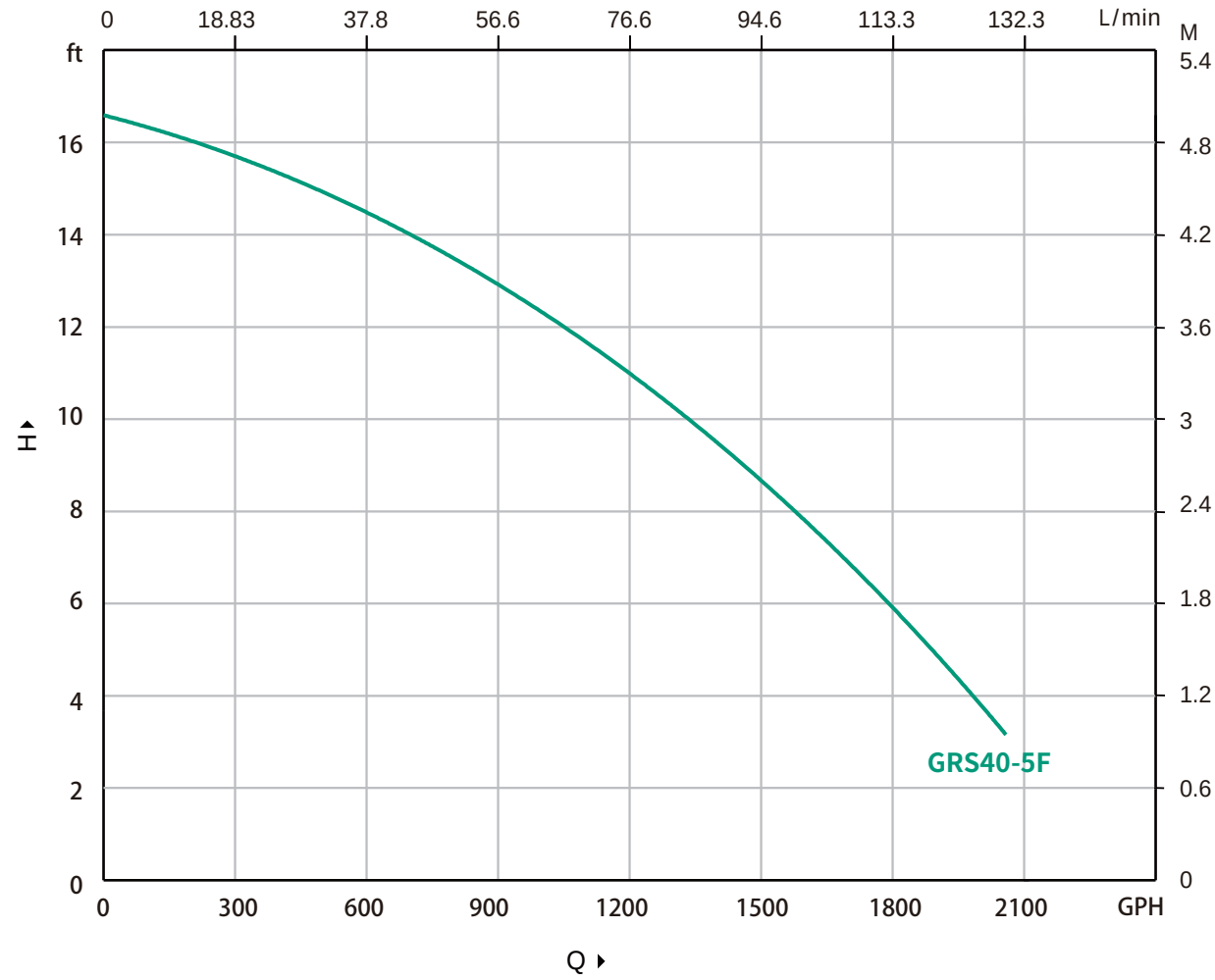
WORKING CONDITIONS

- Liquid temperature: +2°C~+110°C
- Ambient temperature: 0°C~+40°C
- Maximum system pressure: 1MPa
- Protection class: IP44
- Insulation class: F
- Supply voltage/frequency: 115V/60Hz
- Adaptive medium: clear water

APPLICATIONS

Hot water circulation and heating systems, air conditioning systems, industrial, circulation systems, domestic water booster.

PERFORMANCE CURVE

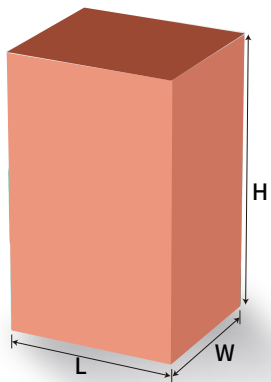


PERFORMANCE PARAMETERS

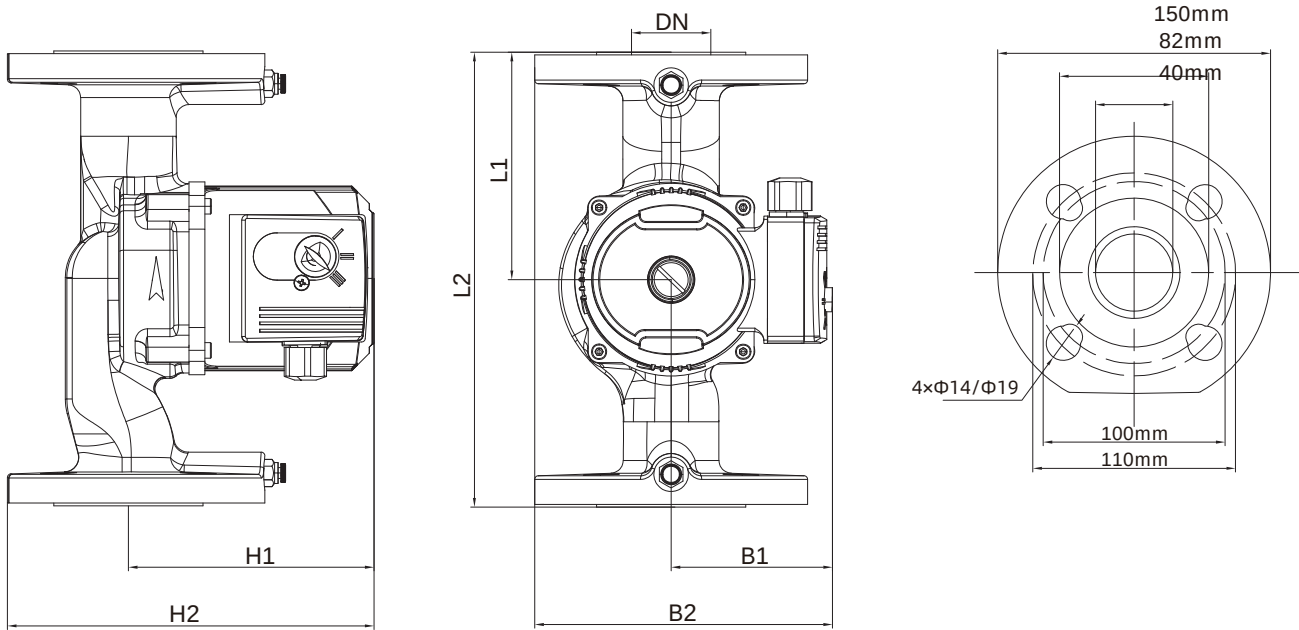
MODEL	VOLTAGE (V)	POWER(W)	MAX. CURRENT (A)	MAX. FLOW GPH	MAX. HEAD FT
GRS40-5F	115V/60Hz	200	1.8	1981	16.4

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
GRS40-5F	29.76	11.54	10.51	7.56



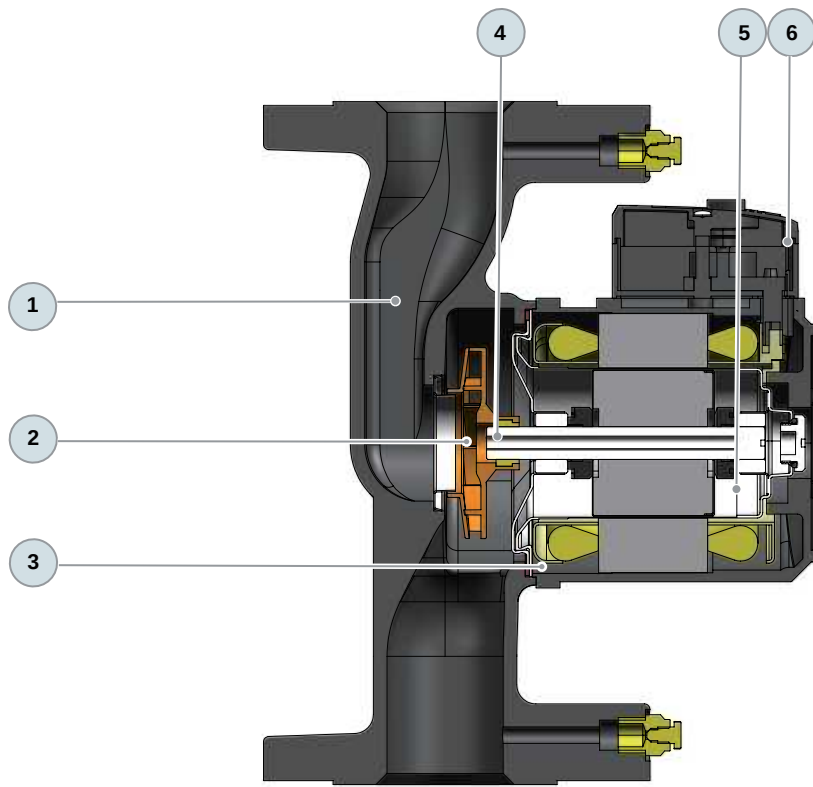
DIMENSION



Model Single-phase	PORTS	Dimensions						G.W. (lbs)
		L1(in)	L2(in)	H1(in)	H2(in)	B1(in)	B2(in)	
GRS40-5F	DN40	4.92	9.84	5.31	7.93	3.46	6.46	29.8

MATERIALS AND COMPONENTS

1	Pump Body	Cast iron with cataphoretic treatment
2	Impeller	Technopolymer(PPO+GF40)
3	Motor housing	Aluminum with cataphoretic treatment
4	Rotor	95 Alumina ceramic
5	Canned Sleeve	Stainless Steel AISI 304 (06Cr19Ni10)
6	Control Box	Technopolymer(PC/ABS)





For selection

- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **724 GPH**
- Head up to **36 ft**

ADVANTAGES & FEATURES

- The pump and system are integrated design, easy to install and suitable for use in small spaces.
- No rolling bearings, no need to add lubricating oil, no need to bother about vibration overload, convenient to maintenance.
- No motor fan, internal liquid circulation cooling, more quiet.
- No mechanical seal, more effective in eliminating liquid leakage, suitable for various liquids.
- Built-in water flow switch, with the manual, automatic & stop modes.

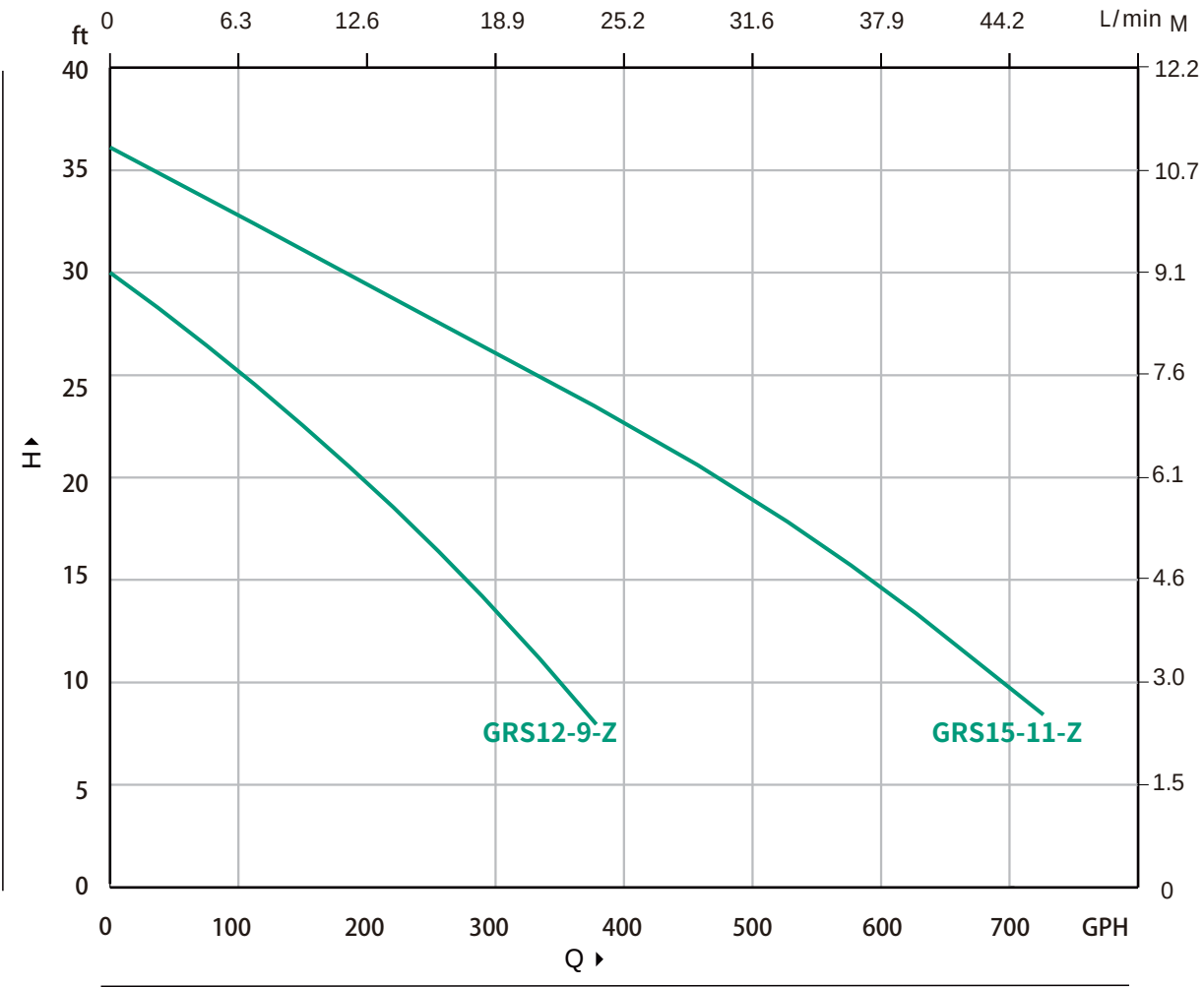
WORKING CONDITIONS

- Supply voltage:115V/60Hz
- Liquid temperature: +2°C~+110°C
- Power range:100-245W
- Ambient temperature: 0°C~+40°C
- Enclosure protection class: **IP44**
- Insulation class: **H**

APPLICATIONS

- Hot water circulation and heating systems, air conditioning systems, industrial, circulation systems, domestic water booster.

PERFORMANCE CURVE

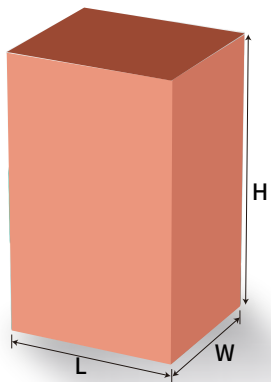


PERFORMANCE PARAMETERS

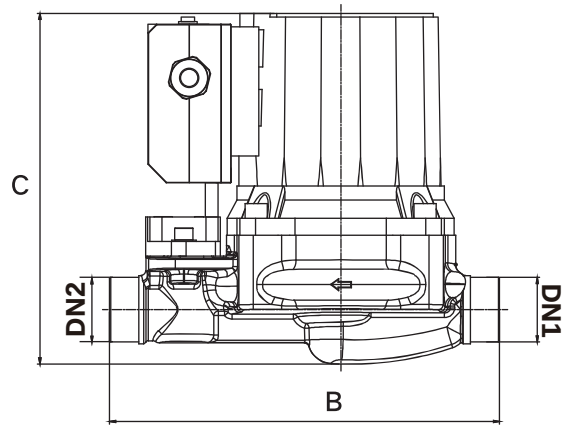
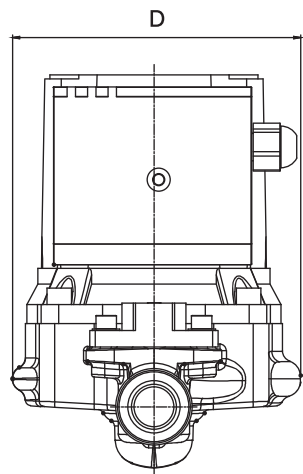
MODEL	VOLTAGE/ FREQUENCY	POWER (W)	MAX. CURRENT (A)	MAX. FLOW GPH	MAX. HEAD FT	CONNECTOR
GRS12-9-Z	115V/60Hz	120	1.2	375	29.52	¾" to ½"
GRS15-11-Z	115V/60Hz	245	2	724	36.08	1" to ¾"

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
GRS12-9-Z	7.28	7.68	4.92	6.42
GRS15-11-Z	10.8	8.66	6.69	8.07



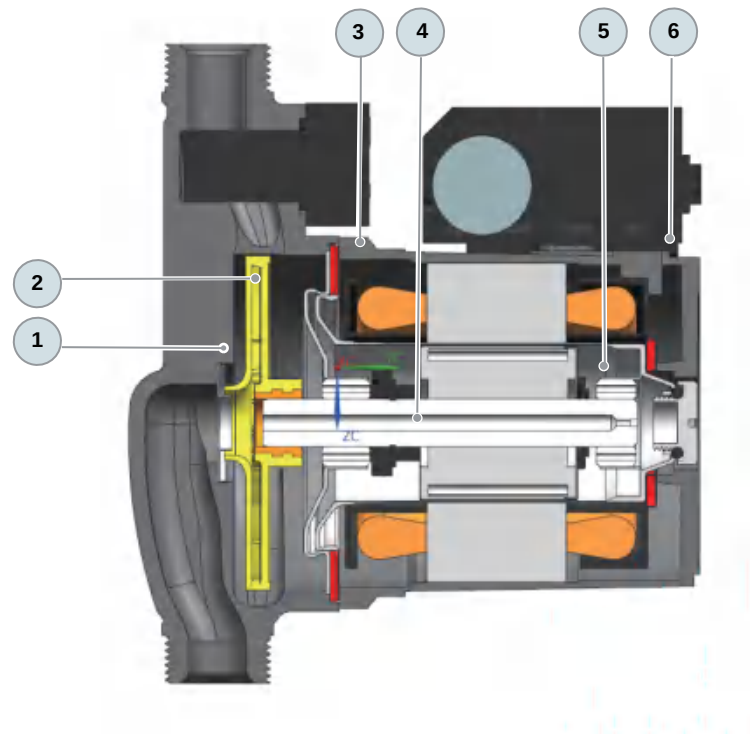
DIMENSION



Model Single-phase	DN1 (NPT)	DN2 (NPT)	Dimensions			G.W. (lbs)
			B(in)	C(in)	D(in)	
GRS12-9-Z	¾"	¾"	6.30	5.67	4.15	7.28
GRS15-11-Z	1"	1"	7.87	6.69	5.12	10.80

MATERIALS AND COMPONENTS

1	Pump Body	Cast iron with cataphoretic treatment
2	Impeller	Technopolymer(PPO)
3	Motor housing	Aluminum with cataphoretic treatment
4	Shaft	Ceramic
5	Canned Sleeve	Stainless Steel AISI 304 (06Cr19Ni10)
6	Terminal Box	Technopolymer (PC+ABS)





- Clean Water
- Civil use
- Industrial use

PERFORMANCE RANGE

- Flow rate up to **792 GPH**
- Head up to **46 ft**

ADVANTAGES & FEATURES

- Brushless electronically commutated motor
- High-precision ceramic shaft
- Intelligent flow-sensing technology : Automatically detects water demand in real time and starts/stops accordingly - no manual adjustment needed, saving both energy and effort.
- Maintenance-free & compact design : High power density in a small footprint delivers outstanding energy efficiency
- Fully potted waterproof construction : Stator and PCB are epoxy-encapsulated and fully isolated from the rotor chamber, achieving true water-electricity separation .
- Built to handle tough conditions
- Comprehensive intelligent protection : Integrated dry-run detection, idling alarm, stall self-recovery and automatic shutoff on rotor lock provide 24/7 motor protection.

WORKING CONDITIONS

- Medium temperature: +2°C~+110°C
- Ambient temperature: 0°C~+40°C
- Max. system pressure: **1.0 MPa**
- Protection rating: **IP44**
- Power supply: 115V/60Hz
- Suitable media: Clean water

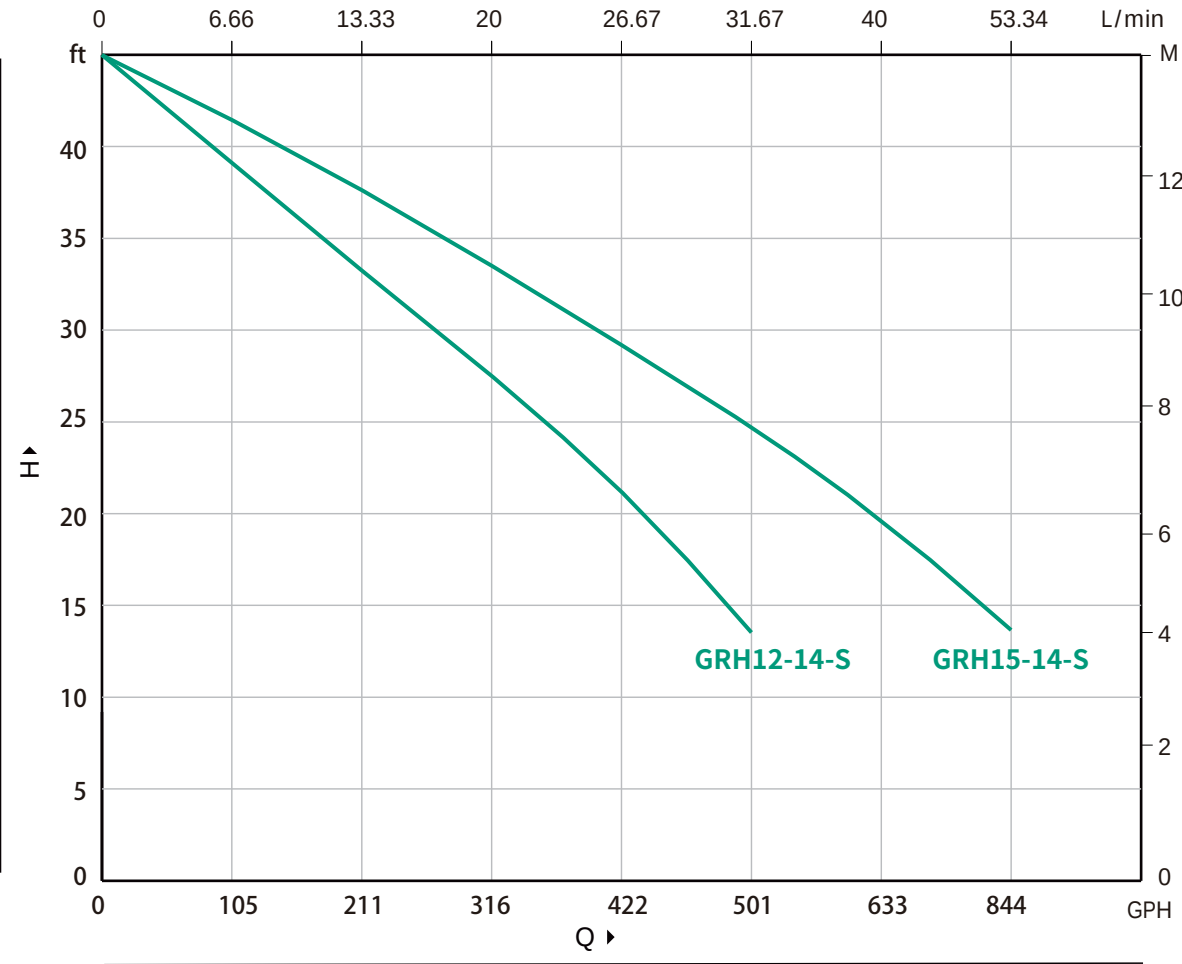
INSTALLATION & USE

Class A energy-efficient electronic circulators reduce power consumption compared with conventional models of similar performance, making them suitable for home and residential heating systems.

Users can easily adjust and select the desired operating mode directly from the controller interface, improving system efficiency and comfort while cutting energy use and reducing water flow noise in pipes, valves, and radiators.

For best performance, install in a well-ventilated, enclosed space or in an area protected from the elements.

PERFORMANCE CURVE

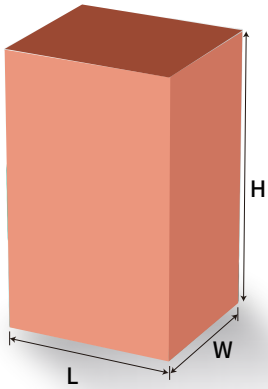


PERFORMANCE PARAMETERS

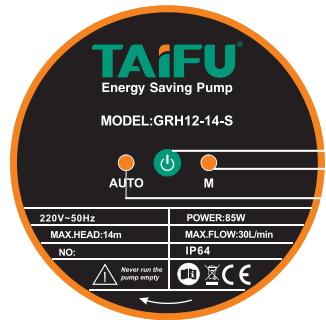
MODEL	VOLTAGE/ FREQUENCY	POWER (W)	MAX. CURRENT (A)	MAX. FLOW GPH	MAX. HEAD FT	CONNECTOR
GRH12-14-S	115V/60Hz	85	1.4	475	46	¾" to ½"
GRH15-14-S	115V/60Hz	115	1.8	792	46	1" to ¾"

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
GRH12-14-S	5.07	6.02	4.37	6.54
GRH15-14-S	5.29	6.02	4.37	6.54



DISPLAY



Start / Stop
Manual LED
Auto LED

OPERATING MODE

The user interface enables users to select the optimal working curve for the circulator through three distinct programs. A bright LED indicator displays the circulator's operating status, with variations in illumination providing clear, at-a-glance information.



MANUAL MODE
Press the power button to start the pump.

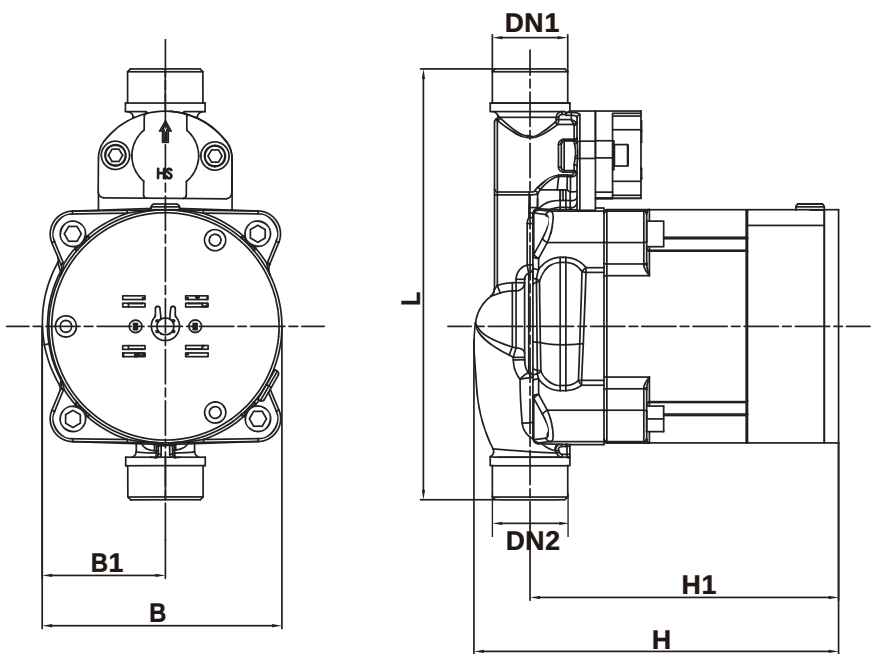


AUTO MODE
Pump starts automatically when water is detected.



MODE SWITCHING
Long-press the power button for 3s to switch between Manual and Auto modes..

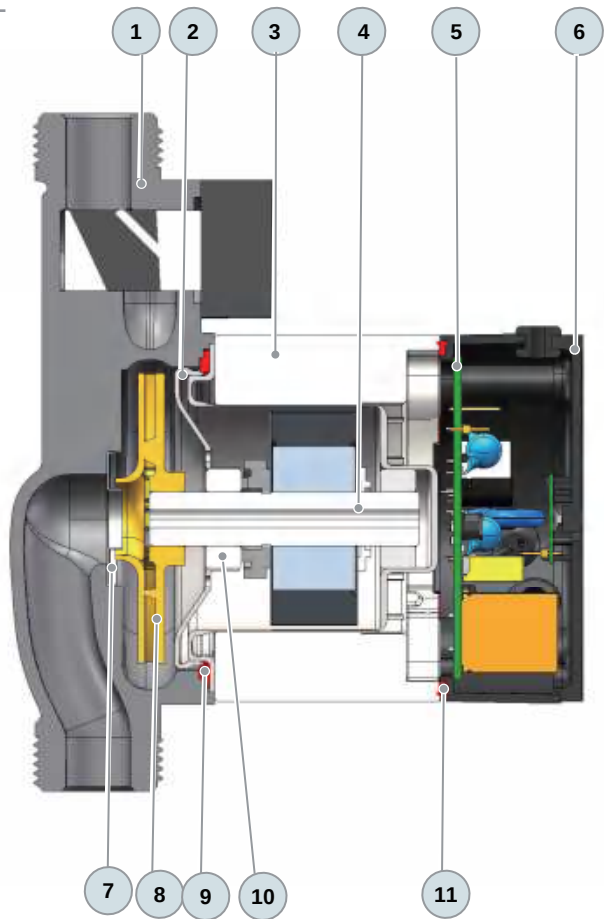
DIMENSION



Model Single-phase	DN1 (NPT)	DN2 (NPT)	Dimensions					G.W. (lbs)
			L(in)	B(in)	B1(in)	H(in)	H1(in)	
GRH12-14-S	¾"	¾"	5.96	3.35	1.73	5.04	4.27	/
GRH15-14-S	1"	1"	6.61	3.35	1.73	5.12	4.27	/

MATERIALS AND COMPONENTS

1	Pump Body	Cast iron with cataphoretic treatment
2	Canned Sleeve	Stainless Steel AISI 304
3	Motor	Motor 220V Power: Min. 85W – Max. 115W Current Draw: Min. 0.7A – Max. 0.9A Insulation Class: H Protection Rating: IP64
4	Shaft	Ceramic
5	PCB	Assembly
6	Terminal Box	Technopolymer (PC+ABS)
7	Wear Ring	Stainless Steel AISI 304
8	Impeller	Technopolymer(ABS)
9	Motor Gasket	
10	Bearing	
11	Terminal Box Gasket	



- Clean Water
- Civil use
- Industrial use



PERFORMANCE RANGE

- Flow rate up to **141gph**
- Head up to **19.8 ft**

ADVANTAGES & FEATURES

- Backwash:Patented design, backwash port and filter cavity design structure to achieve no disassembly, water pressure, self-cleaning, easy maintenance.
- Water-cooled Intelligent Control:Patented design, water-cooled heat dissipation design of the controller ensures high efficiency, reliability, stability and long service life of the controller, and the copper-based quarantine of the heat sink ensures water safety.
- Pre-filter:Patented design, filter detachable structure and visual design, built-in diameter filter, large capacity filter, with backwash function, a variety of filter modes are available.
- Super easy to maintain
- High appearance
- Quiet and energy-saving
- Super self-priming
- Multiple protection
- Constant voltage frequency conversion
- Stable operation
- Constant voltage frequency conversion

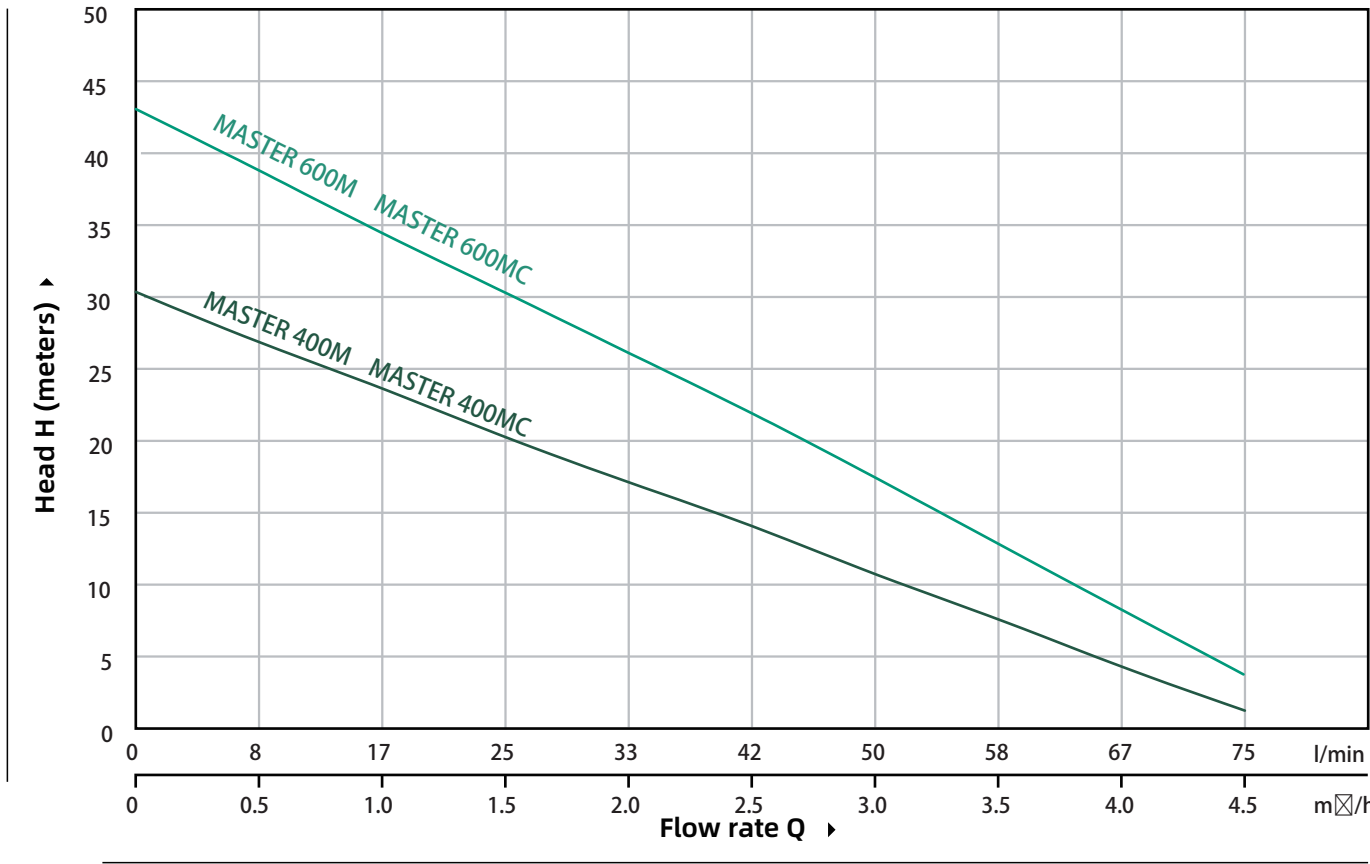
APPLICATIONS

- Pressurized water supply for small and medium-sized buildings, Small water air conditioning circulation system.
- Liquid delivery for horticultural irrigation and small industrial water systems.
- Hot water pressurization and circulation for families, small and medium-sized hotels, guesthouses and clubs.

WORKING CONDITIONS

- Ambient temperature: -40°C~+60°C
- Temperature of transmission medium:+2°C~+75°C
- Medium pH value: 6.5~8.5
- The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm
- Can be normally used in a wide voltage range of 160V-270V and 50/60Hz

PERFORMANCE CURVE

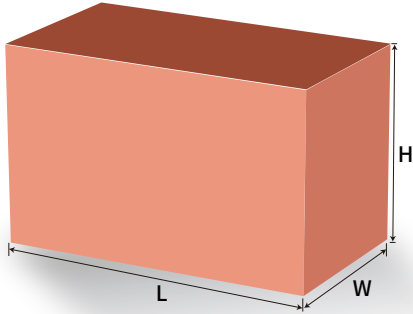


PERFORMANCE PARAMETERS

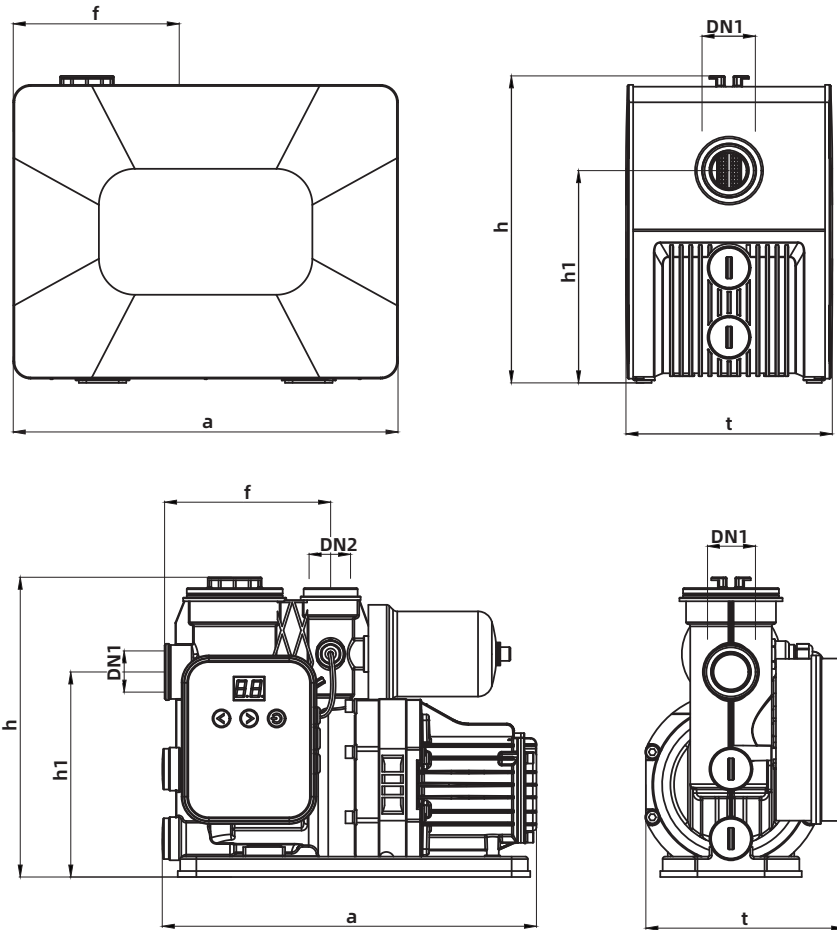
MODEL SINGLE-PHASE	HP	VOLTAGE	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD									
				0 ft	2 ft	4.5 ft	6.6 ft	8.7 ft	11 ft	13.2 ft	15.3ft	17.7ft	19.8ft
MASTER 400M MASTER 400MC	0.55	160-270V 50/60Hz	1"×1"	98.4	88.6	78.7	65.6	55.8	45.9	36.1	26.2	16.4	6.6
MASTER 600M MASTER 600MC	0.8	160-270V 50/60Hz	1"×1"	141.1	124.7	114.8	98.4	85.3	72.2	59.1	42.7	29.5	13.1

PACKING INFORMATION

Model	GW(lbs)	L(in.)	W(in.)	H(in.)
MASTER 400M	/	/	/	/
MASTER 600M	/	/	/	/
MASTER 400MC	/	/	/	/
MASTER 600MC	/	/	/	/



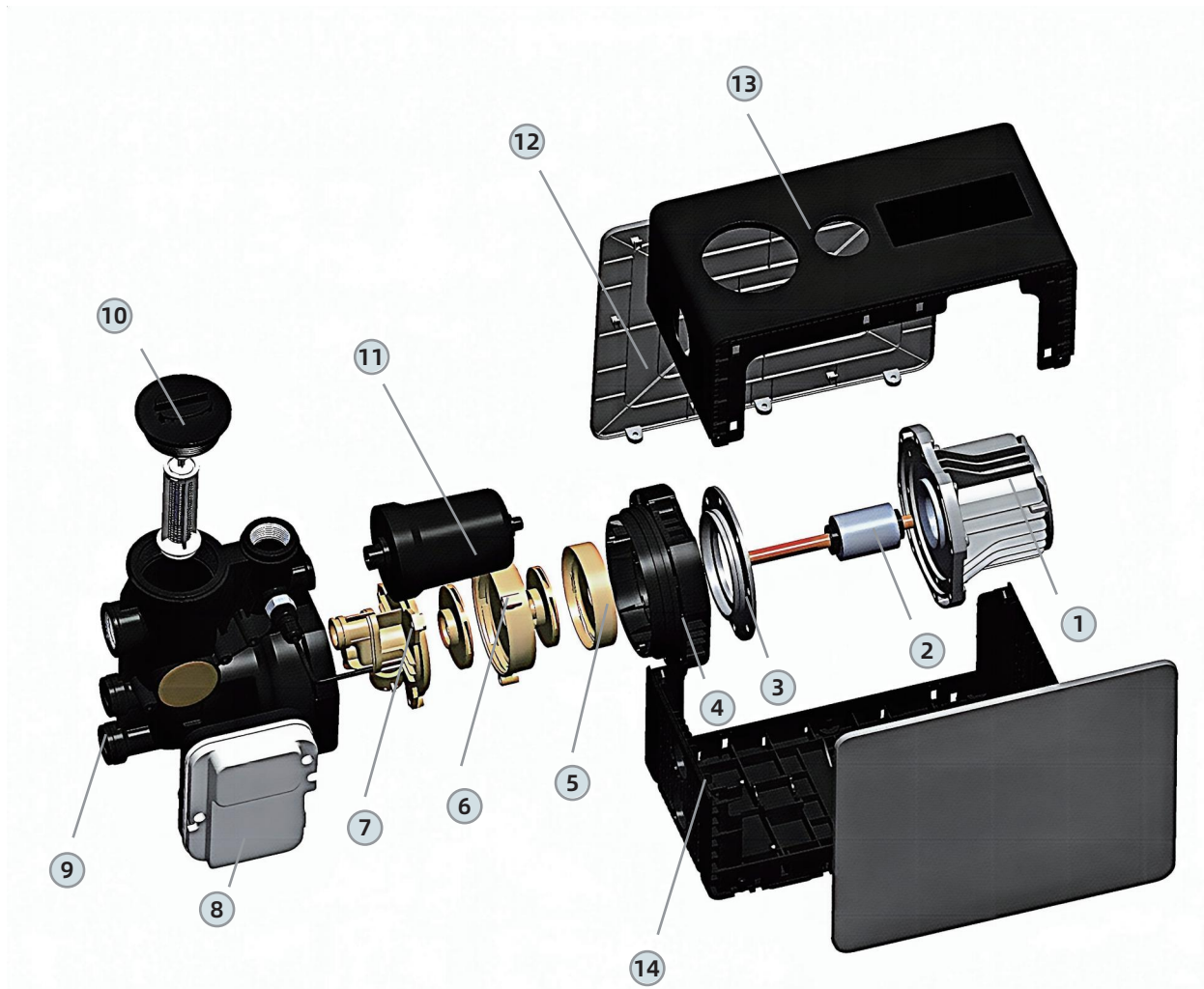
DIMENSION



Model	Ports		Dimensions(mm)					kg	
	DN1	DN2	a	f	h	h1	t		
MASTER 400M	1"	1"	12.64	5.45	10.08	6.97	6.77	13.01	
MASTER 600M								13.89	
MASTER 400MC			12.29		9.84	6.73	6.50	11.90	
MASTER 600MC								12.79	

MATERIALS AND COMPONENTS

1	Motor housing	ADC12	8	Controller assembly	Assembly
2	Permanent magnet rotor	Assembly	9	Pump body	PA66+GF30
3	Press ring	ADC12	10	Priming screw cap	PA66+GF30
4	Connector	PA66+GF30	11	Pressure tank	Assembly
5	Guide vane seat	PPO	12	Side plate	ABS
6	Impeller	PPO	13	Upper housing	ABS
7	Guide vane front cover	PPO	14	Lower housing	ABS



- Clean Water
- Civil use
- Industrial use



MR 50/80



MR 130C



MR 130

PERFORMANCE RANGE

- Flow rate up to **1100 GPH**
- Head up to **164 ft**

ADVANTAGES & FEATURES

- High reliability: adopts DC brushless motor, longer life.
- Astonishing performance: maintenance-free, small body, strong anti-interference performance, stable operation, high efficiency and low consumption.
- Safe and water-proof: the stator and motor circuit board are potted with epoxy resin and completely isolated from the rotor. It ensures high waterproof performance.
- Safe and water-proof: the stator and motor circuit board are potted with epoxy resin and completely isolated from the rotor. It ensures high waterproof performance.
- Low failure rates: solves problems from the source such as jam up, suddenly stop working and other troubles.
- Multi-protections: water shortage protection, dry running protection, jam up protection and other functions for option.
- Wear-resistant: uses high-performance ceramic shaft, high precision and better wear resistance.
- Automatic start-stop system: the flow sensor switch can start or stop automatically according to your water needs.

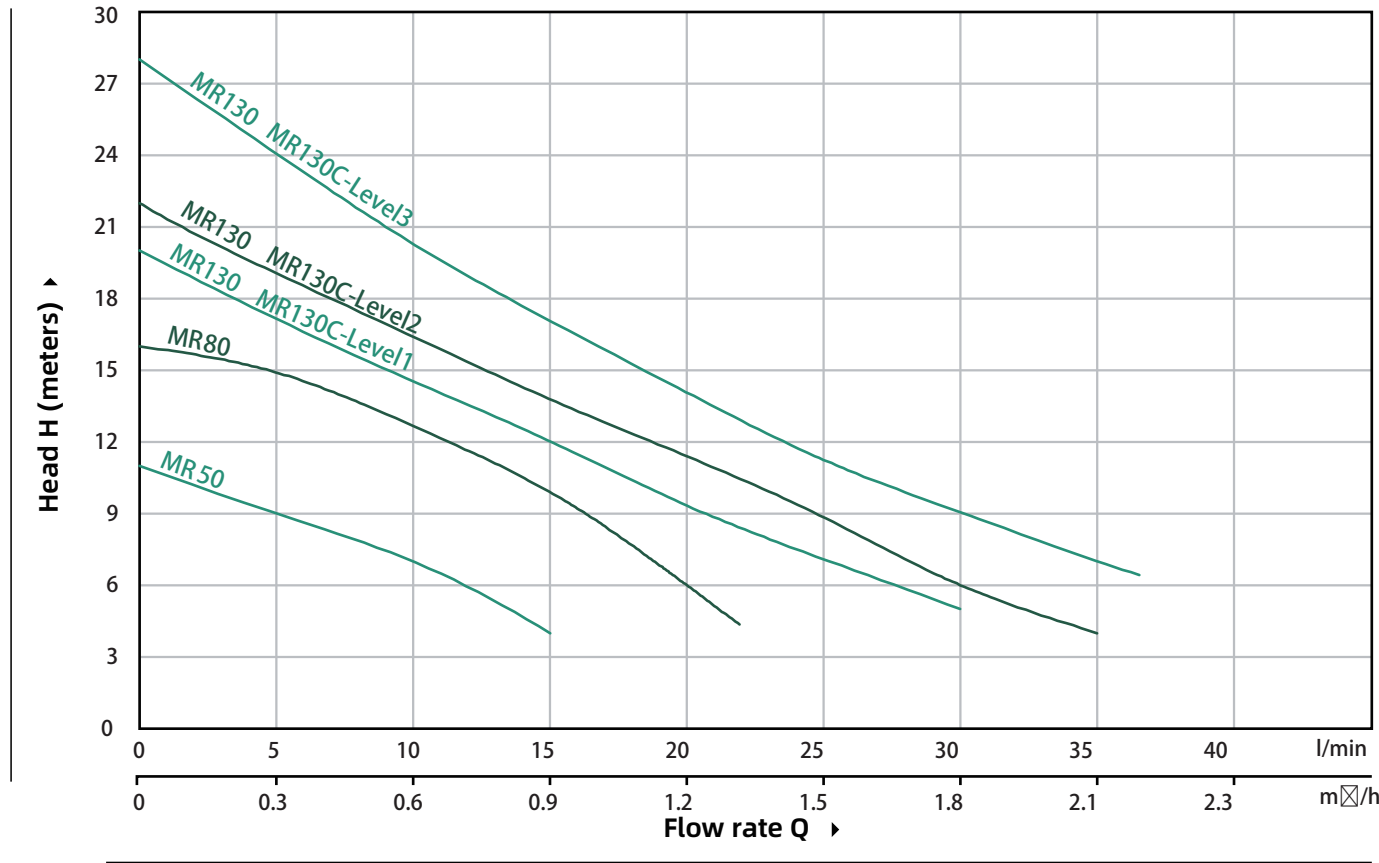
WORKING CONDITIONS

- MR50/80
 - Voltage: 24V (DC)
 - Max. flow rate: 21 l/min
 - Max. head: 16m
 - Liquid temperature: ≤75°C
 - Material: engineering plastic
 - Protection class: IP68
 - Working decibel: ≤50dB
 - Service life: 20000H
 - Inlet: G1/2
 - Outlet: G1/2
- MR130/MR130C
 - Voltage: 24V (DC)
 - Max. flow rate: 35 l/min
 - Max. head: 28m
 - Liquid temperature: ≤85°C
 - Protection class: IP64
 - Working decibel: ≤50dB
 - Service life: 20000H
 - Inlet: G3/4
 - Outlet: G3/4

APPLICATIONS

- Water supply and pressure boosting for household water heaters, faucets, showers, wall-hung boilers and washing machines.

PERFORMANCE CURVE

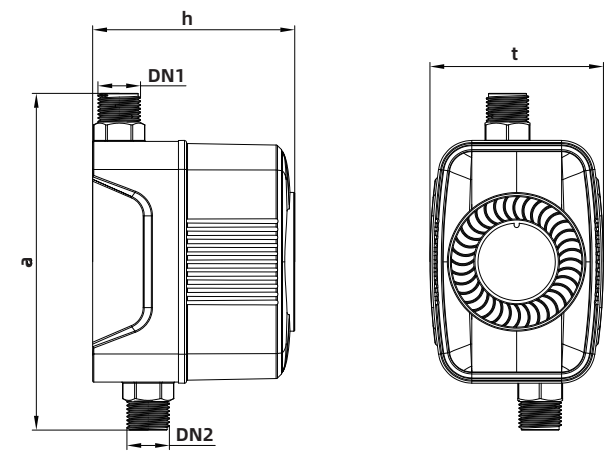


PERFORMANCE PARAMETERS

MODEL	HP	VOLTAGE	DISCHARGE NPT(IN)	GPH OF WATER @ TOTAL FT. OF HEAD							
				0 ft	10.6 ft	21.2 ft	31.8 ft	42.4ft	53ft	63.6ft	74.2 ft
MR50	0.07	24V	1/2"x1/2"	36.1	29.5	23.0	13.1	-	-	-	-
MR80	0.11	24V	1/2"x1/2"	52.5	49.2	42.7	32.8	19.7	-	-	-
MR130 MR130C	Level3	0.17	3/4"x3/4"	91.9	78.7	65.6	55.8	45.9	36.1	29.5	23.0
	Level2	0.13	3/4"x3/4"	72.2	62.3	55.8	45.9	39.4	29.5	19.7	13.1
	Level1	0.12	3/4"x3/4"	65.6	55.8	45.9	36.1	29.5	23.0	16.4	-

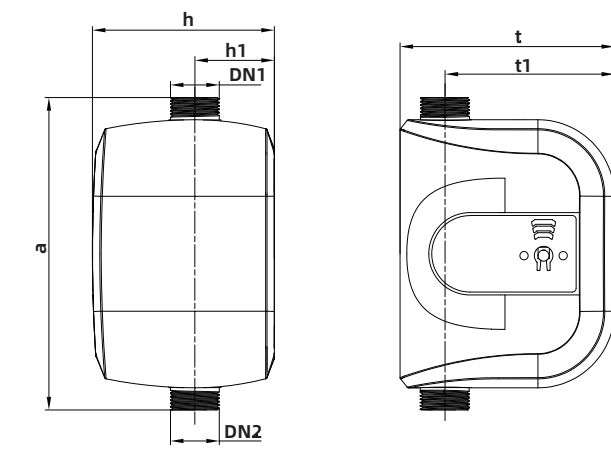
DIMENSIONS

MR 50/80



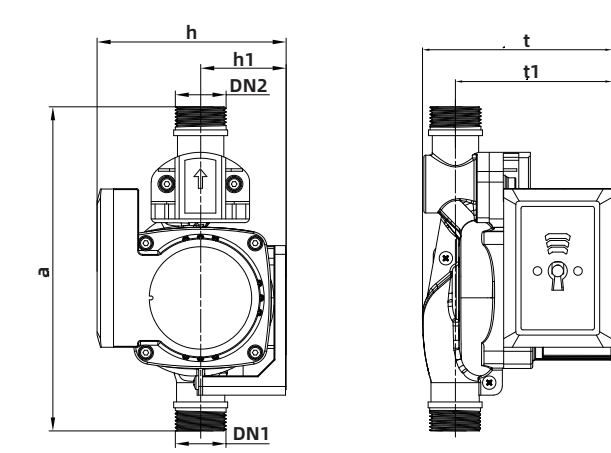
Model	Ports		Dimensions(In)			lbs
	DN1	DN2	a	h	t	
MR50	½"	½"	6.50	3.90	3.35	1.50
MR80						21.83

MR 130



Model	Ports		Dimensions(In)					lbs
	DN1	DN2	a	h	h1	t	t1	
MR130	¾"	¾"	6.61	3.85	1.68	4.54	3.59	3.20

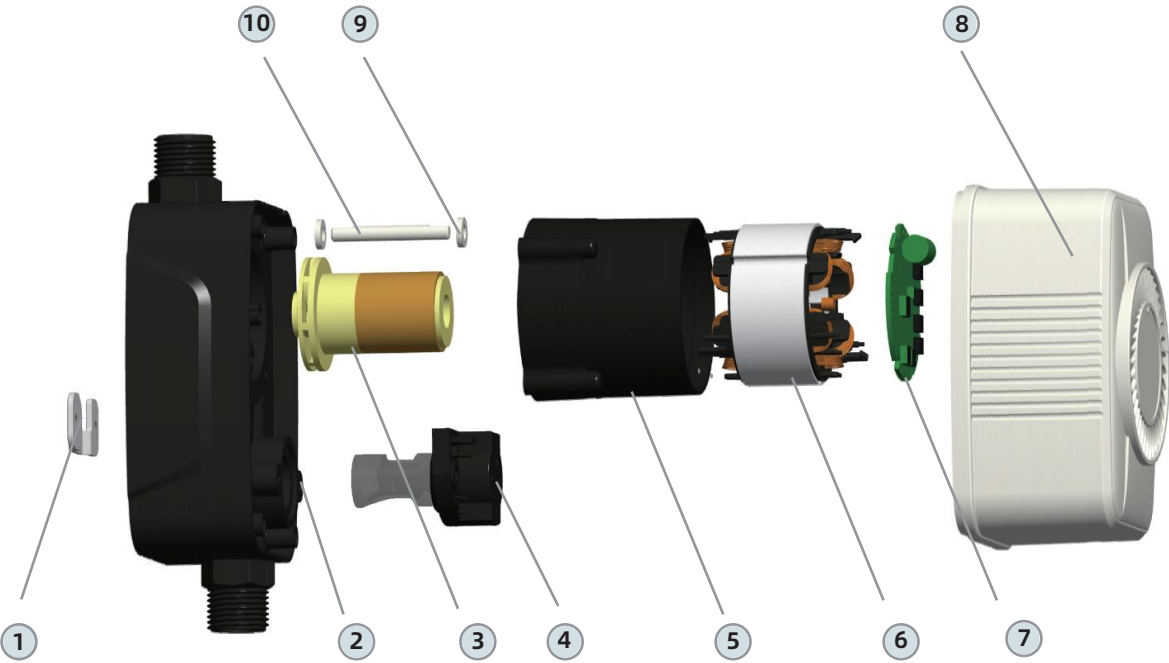
MR 130C



Model	Ports		Dimensions(In)					lbs
	DN1	DN2	a	h	h1	t	t1	
MR130C	¾"	¾"	6.61	3.86	1.74	3.87	3.20	3.42

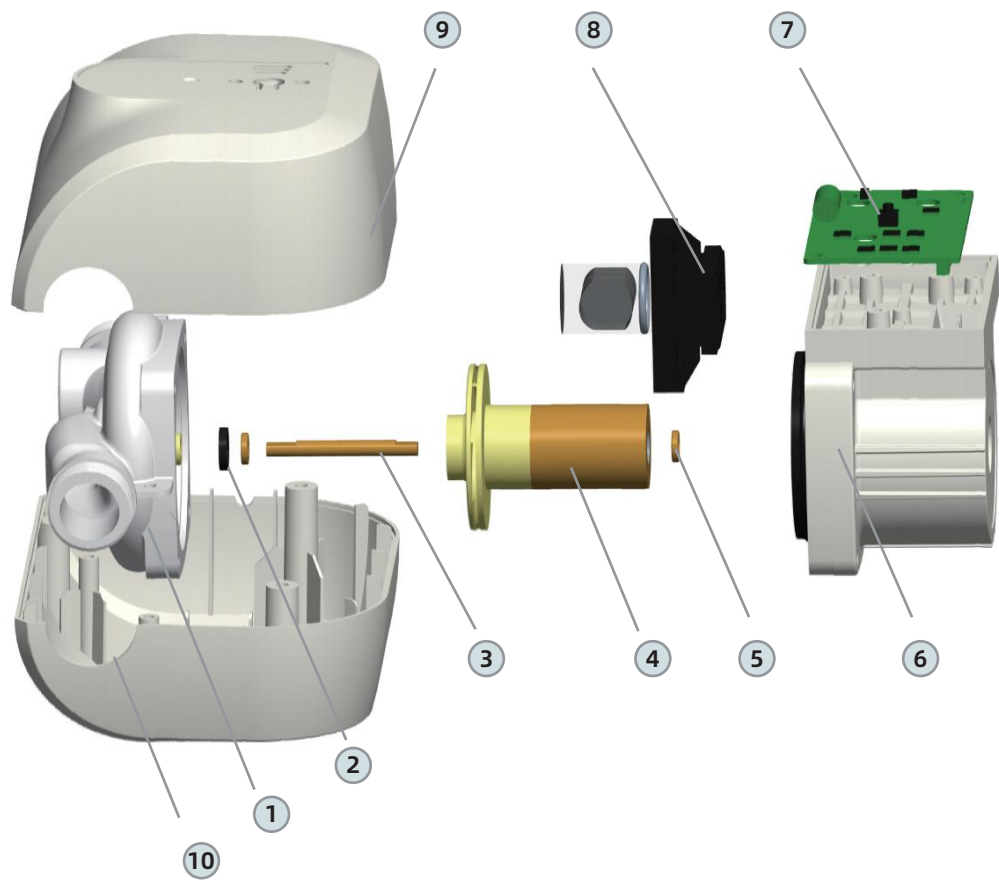
CONSTRUCTION FEATURES(MR80)

1	"Shan"-shaped hook	Stainless steel	8	Upper cover	ABS
2	Pump body	PA66+GF30	9	Ceramic washer	Ceramic
3	Rotor	PPO + Plastic injection ring	10	Ceramic shaft	Ceramic
4	Flow switch	Assembly			
5	Motor housing	PA66+GF30			
6	Winding stator	Assembly			
7	Drive mainboard	Assembly			



CONSTRUCTION FEATURES(MR130)

1	Pump body	HT200	8	Flow switch	Assembly
2	Rubber gasket	NBR	9	Upper cover	ABS
3	Ceramic shaft	MR130 Alumina Ceramic	10	Lower cover	ABS
4	MR130 rotor	PPO + Injection-Molded Magnetic Ring			
5	Ceramic washer	MR130 Alumina Ceramic			
6	MR130 encapsulated motor	DMC			
7	130W control mainboard	Assembly			



CONSTRUCTION FEATURES(MR130C)

1	Pump body	HT200, Electrophoretic Coating	8	MR130 control box cover	ABS
2	Rubber gasket	NBR	9	Flow switch	Assembly
3	Ceramic shaft	MR130 Zirconia Ceramic	10	MR130C pump bracket	ABS
4	MR130 rotor	Impeller OD 52mm Magnetic Ring			
5	Ceramic washer	MR130 Zirconia Ceramic, Coffee Color			
6	MR130 encapsulated motor	DMC			
7	130W control mainboard	Assembly			

