



BREAK THROUGH TECHNOLOGY THAT BREAKS ALL BARRIERS

Grand pumps. trusted the world over



ALL PRODUCT  
CATALOGUE



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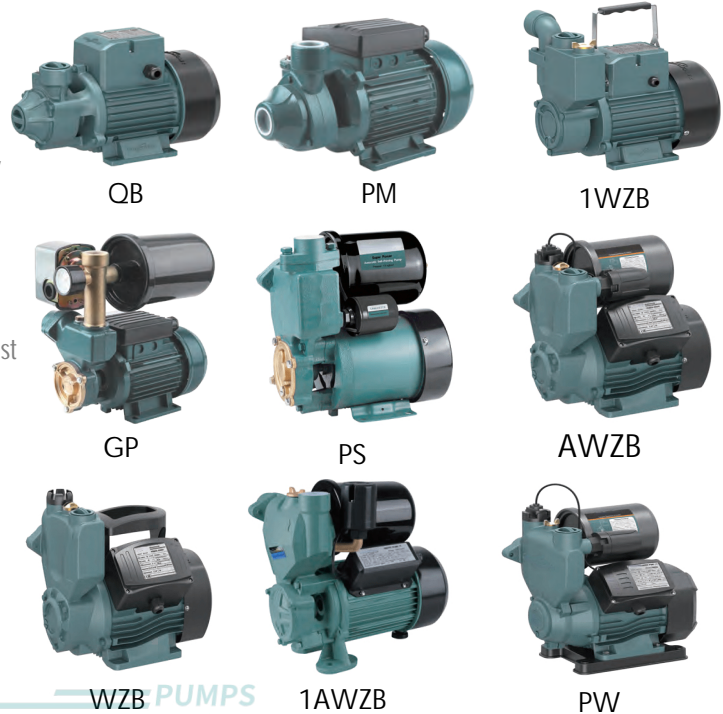
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## SURFACE PUMPS > Peripheral/Automatic self-priming - SERIES

### Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non-aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and economical, these pumps are suitable for domestic use, particularly for the distribution of water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in an enclosed environment, or at least sheltered from inclement weather.



### Application Limits And Construction

Manometric suction lift up to 9 m  
 Max ambient temperature up to 40 °C  
 Max uid temperature up to 40 °C/80 °C  
 Max pressure up to 10 bar  
 Pump Body: Cast iron.  
 Impeller: Brass.  
 Motor Shaft: 45# steel or stainless steel .  
 Motor housing: Aluminum.  
 Mechanical Seal: Ceramic - steatite/metalized carbon.  
 Electric Motor: Single phase.  
 Cooling: External ventilation.  
 Insulation: Class B/F.  
 Protection: IP 44/IP 54.

General Information on Electro Mechanical Unit	
Series	QB/PM//IDB/1WZB/GP/PS/AWZB/WZB/1AWZB/PW
Power Range (kW)	1Ph 0.37 /0.55 /0.75 kw
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz Chip CBB Capacitor Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" x 1"
Max.Flow rate up to	100L/min / 6m3/h
Max.Head rate up to	85m / 278ft
Liquid Type	Clean Water
Typology	Surface Pump
Family	Peripheral

## SURFACE PUMPS > Centrifugal Pump - SERIES

### Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non-aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and economical, these pumps are suitable for domestic use, particularly for the distribution of water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in an enclosed environment, or at least sheltered from inclement weather.

### Application Limits And Construction

Manometric suction lift up to 9 m  
 Max ambient temperature up to 40 °C  
 Max uid temperature up to 40 °C/80 °C  
 Max pressure up to 10 bar  
 Pump Body: Cast iron.  
 Impeller: Brass.  
 Motor Shaft: 45# steel or stainless steel .  
 Motor housing: Aluminum.  
 Mechanical Seal: Ceramic - steatite/metalized carbon.  
 Electric Motor: Single phase / Three phase.  
 Cooling: External ventilation.  
 Insulation: Class B/F.  
 Protection: IP 44/IP 54.



CPM



DK 1.5"/2"



DTM 1.5"/ 2"



MHF 2"/ 3"/ 4"



MNF



GPM



ZGD

#### General Information on Electro Mechanical Unit

Series	CPM/DK/DTM/MHF/MNF/GPM/ZGD
Power Range (kW)	1Ph: 0.37/0.55/0.75/1.1/1.5 3Ph: 1.1/1.5/2.2/3/4
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz Three Phase 380-450V/50Hz Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" x 1"/1.5"x1.5"/2"x2"/3"x3"/4"x4"
Max.Flow rate up to	2200L/min / 132m3/h
Max.Head rate up to	100m / 328ft
Liquid Type	Clean Water
Typology	Surface Pump
Family	Centrifugal

## SURFACE PUMPS > JET self-priming - SERIES

### Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non-aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and economical, these pumps are suitable for domestic use, particularly for the distribution of water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in an enclosed environment, or at least sheltered from inclement weather.



JSW

JSP

JET-B



JET-C



JET-S



GPP

### Application Limits And Construction

Manometric suction lift up to 9 m  
 Max ambient temperature up to 40 °C  
 Max uid temperature up to 40 °C/80 °C  
 Max pressure up to 10 bar  
 Pump Body: Cast iron.  
 Impeller: Brass.  
 Motor Shaft: 45# steel or stainless steel .  
 Motor housing: Aluminum.  
 Mechanical Seal: Ceramic - steatite/metalized carbon.  
 Electric Motor: Single phase.  
 Cooling: External ventilation.  
 Insulation: Class B/F.  
 Protection: IP 44/IP 54.



DP255



DP505



JDW



General Information on Electro Mechanical Unit	
Series	JSW/JSP//JETA/JETB/JETC/JETS/GPP/DP/JDW
Power Range (kW)	1Ph 0.37 /0.55 /0.75 /1.1 kw
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz Chip CBB Capacitor Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" x 1"
Max.Flow rate up to	120L/min / 7.2m3/h
Max.Head rate up to	76m / 249ft
Liquid Type	Clean Water
Typology	Surface Pump
Family	JET

## SURFACE PUMPS > Automatic Pump Station - SERIES

### Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non-aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and economical, these pumps are suitable for domestic use, particularly for the distribution of water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in an enclosed environment, or at least sheltered from inclement weather.

### Application Limits And Construction

Manometric suction lift up to 9 m  
 Max ambient temperature up to 40 °C  
 Max uid temperature up to 40 °C/80 °C  
 Max pressure up to 10 bar  
 Pump Body: Cast iron//Stainless steel/Plastic  
 Impeller: Brass.  
 Motor Shaft: 45# steel or stainless steel .  
 Motor housing:Aluminum.  
 Mechanical Seal: Ceramic - steatite/metalized carbon.  
 Electric Motor:Single phase.  
 Cooling:External ventilation.  
 Insulation: Class B/F.  
 Protection: IP 44/IP 54.



AUTO QB



AUTO JET



AUTO GPS



AUTO JSW



AUTO DP



AUTO JETS

#### General Information on Electro Mechanical Unit

Series	AUTO-QB/AUTO-JSW/AUTO-JET/AUTO-GPS/AUTO-DP
Power Range (kW)	1Ph 0.37 /0.55 /0.75/1.1 kw
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz Chip CBB Capacitor Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" x 1"
Max.Flow rate up to	100L/min / 6m3/h
Max.Head rate up to	85m / 278ft
Liquid Type	Clean Water
Typology	Surface Pump
Family	Auto Pumps

## CIRCULATION PUMPS > Circulation Pump For Hot Water - SERIES

### Installation And Use

Circulation pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.



GRS32-6/180



UP32-16/250



UPS25-20/230

### Application Limits And Optional Available

Liquid temperature: +2~+110 °C  
 Maximum ambient temperature: 0~40 °C  
 Maximum system pressure 10 bar  
 Protection level: IP44  
 Mains connection: 220V/50Hz 127V/60Hz  
 3X220V/3X380V-50Hz  
 Insulation class: H

Pumped liquid characteristics: clean, free from solids Granule, ber, and mineral oils, non-toxic, chemically neutral, close to the characteristics of water.

Placing request: the motor shaft must be kept in horizontal direction

PH: 6.5 to 8.5 Products can be customized according to customer's request

Brass pump body / Cast iron pump body



GRS40-15/180



GRS25-13/180



GRS15-9/160



GRS40-15/180



GRS25-6/130



GRS32-6/180

### General Information on Electro Mechanical Unit

Series	GRS32-6/GRS15-9/GRS25-20/GRS40-15/UP25-20
Power Range (W)	100/200/165 46-67-120/118-208-250/198-255-305
Speed in RPM	2750/2800/1780-2180-2620
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" x 1", 3/4"x3/4", 1"x1/2", 1"x1/4"
Max.Flow rate up to	383L/min / 23m <sup>3</sup> /h
Max.Head rate up to	20m / 65ft
Liquid Type	Clean Hot and Cold Water
Typology	Circulation Pump
Family	Low noise, no leakage

\* The company reserves the right to modify the technical specifications and illustrations without prior notice.

## CIRCULATION PUMPS > Booster Pump - SERIES

### Application And Construction Characteristics

For automatic pressurization of domestic tap water, solar system pressurization, hot or cold water pipeline pressurization, etc.

Impeller: Centrifugal impeller  
Rotor: Wet rotor  
Motor: Brass, Permanent magnet DC motor  
Whole house pressurization

### Application Limits And Optional Available

Liquid temperature: 2~+90°C  
Maximum system pressure 10 bar  
Protection level: IP56  
Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water

GMP pumps are booster pumps, As a result of their reliability and the fact that they are easy to use, these pumps are widely used in the domestic place and particular in tap water pressurization.

Volume of palm mute pump is small and doesn't occupy space, and the use of the pump is very convenient and safe.

The pump has the function of a water flow switch, which can be automatically started or stopped according to water usage.



GMP15-10A/15A



GMP15-10B/15B



GMP24-20-13G



GMP24-25-22G



GMP24-30-22G

GMP24-30L/35L  
/40L/45LGMP24-65P/  
80P/100PGMP24-16M/  
20M/22M

### General Information on Electro Mechanical Unit

Series	GMP15- A/ B GMP24-G /L /P / M
Power Range (W)	80 /100· / 120 /150
Applicaiton Range	Intelligent toilet,water heater,shower,solar energy,faucet
Versions	GMP24G/L/P/M : DC 24V Intelligent Permanent magnet DC booster pump, low noise,safe protection, automatic control,wide applicability
Protection Class	IP65/IP67
Outlet/Inlet Size (mm)	15 mm/20 mm
Max.Flow rate up to	45L/min / 6m3/h
Max.Head rate up to	22m / 72ft
Liquid Type	Clean Cold and Hot Water
Typology	Booster Pump
Family	Permanent magnet DC pump



## SUBMERSIBLE PUMPS > Submersible/Garden/Vibration Pumps - SERIES

### Installation And Use

The submersible pump classification includes various QDX submersible pumps, GPP garden submersible pumps, VM vibration pumps, GF fountain pumps, and so on. Submersible pumps are essential equipment for water extraction. Pumps are widely suitable for water cluster boxes, farmland, industrial and mining enterprises, construction sites, ships, and families, and characterized by less volume, lightweight and convenient operation, etc. installed with a built-in thermal protector, and can be automatically cut-off in the case of overheat or overcurrent, thus assuring safe and reliable running continuously under worse circumstances. With excellent reliability and durability, the pump must be completely submerged in water when working.

### Application Limits And Construction

5m maximum immersion depth  
 Liquid temperature + 40 °C  
 Ambient temperature up to + 40 °C  
 Pump Body: Aluminum and cast iron  
 Impeller: Aluminum or POM or Rubber  
 Motor Shaft: 45# steel or stainless steel  
 Mechanical Seal: Ceramic-graphite, ceramic-ceramic  
 Electric Motor: single-phase 230V-50Hz with thermal overload protector built into the copper winding;  
 Insulation: Class B  
 Protection: IP X8



### General Information on Electro Mechanical Unit

Series	QDX-A/B/D/T/ GPP-C/W/ GPS-C/W/ BPS/VM/GF-A
Power Range (W)	1Ph 125/200/300/400/550/600/800/1000/1100w
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz 110-125V/60Hz With float switch or not as your request Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet/Inlet Size (inch)	1" / 1 ¼" / 1 ½"/2"/3"/4"
Flow rate up to	1202L/min / 72m3/h
Head rate up to	60m / 196ft
Liquid Type	Clean Water/Slightly dirty water
Typology	Submersible Pump
Cable length	8m black-round cable with Europlug

## SUBMERSIBLE PUMPS > Stainless Steel Sewage & Drainage Pumps - SERIES

### Installation And Use

This series pump is equipped with a vortex impeller, with strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pump sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. This pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the vibration is low and the service life is long.

### Application Limits And Construction

5 m maximum immersion depth

Maximum liquid temperature up to +35 °C

Maximum ambient temperature up to +40 °C

Pump Body: Cast iron

Impeller: Vortex impeller in cast iron or nylon with techno polymer

Motor Bracket: Stainless steel Motor Shaft: Stainless steel

Mechanical Seal: Ceramic - graphite or Sic to graphite

Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding. Three-phase 380 /400V-50Hz.

Insulation: Class B. Protection: IP X8.



General Information on Electro Mechanical Unit	
Series	GV/GVB/GVH/GVS
Power Range (kW)	1Ph 0.18/0.25 /0.45 /0.75/1.1/1.5/1.8/2.2 kw
Speed in RPM	2900
Versions	A.C. Single Phase 220~240V /50Hz With 8m black round cable&Europlug and float switch Incorporated with Thermal Overload Protector
Type of Duty	S1 Continuous
Outlet Size (inch)	2"/3"/4"
Flow rate up to	1000L/min / 60m <sup>3</sup> /h
Head rate up to	25m / 82ft
Liquid Type	Clean Water or Dirty Water
Typology	Submersible Pump
Family	Stainless steel Sewage Pump

## STAINLESS STEEL SUBMERSIBLE PUMPS > 2"/2.5"/3"/4" > SDM -SERIES

### Applications

Fountains  
 Irrigation  
 Dewatering & Landscaping  
 Pressure booster systems  
 Domestic, Public, Industrial & Private water supply systems  
 Air-conditioning equipments  
 Sprinkler systems and Mining  
 Farming  
 Water Plants  
 Laboratories

### Features

Tried and Trusted  
 Highly efficient  
 Wide head and flow range with numerous models  
 Good sand resistance capacity  
 Integral check valve  
 Corrosion free parts for hygiene  
 Low wear and tear  
 Perfectly & aesthetically designed  
 Easily serviceable  
 Can handle liquid temperature up to 33° C



## STAINLESS STEEL SUBMERSIBLE PUMPS > 4"/6"/8"/10" > SP(M)-SERIES

### Applications

Fountains  
 Irrigation  
 Pressure booster systems  
 Domestic, Public, Industrial & Private water supply systems  
 Air-conditioning equipments  
 Sprinkler systems  
 Farming  
 Water Plants  
 Laboratories

### Features

Tried and Trusted  
 Highly efficient  
 Wide head and flow range with numerous models  
 Good sand resistance capacity  
 Integral check valve  
 Corrosion free parts for hygiene  
 Low wear and tear  
 Perfectly & aesthetically designed  
 Easily serviceable  
 Can handle liquid temperature up to 33° C



### SDM- SERIES



### SP(M)-SERIES



\* The company reserves the right to modify the technical specifications and illustrations without prior notice.

General Information on Electro Mechanical Unit							
		2"/2.5/3"		4"	6"	8"	10"
Series		SDM		SDM & SP	SP	SP	SP
Power Range ( kW)	1 Ph	0.18 - 1.8 kW		Up to 2.2kw	3-63 kW	From 5.5-110 kW	From 9.3-220 kW
	3 Ph			Up to 7.5kw			
Speed in RPM		2900		2900	2900	2900	2900
Flow Range	lpm	12. - 400		7.2 - 317	116.4-1333	330 - 2100	300 - 4667
	m <sup>3</sup> /hr	0.96 - 44		4.8 - 21	3 - 27	45 - 120	50 - 160
Max	ft	98 - 610		62 -1430	4-1394	19-1377	42 -866
Recommended Head	m	30 - 186		19 - 436	1.4 - 425	6 - 420	13 - 264
Delivery Size in mm		19, 25, 32		32, 40 ,50	80,100	125	150
<b>M.O.C</b>		<b>Type QJD</b>	<b>Type SDM</b>	<b>SDM &amp; SP</b>	<b>Type SP</b>	<b>Type SP</b>	<b>Type SP</b>
Impeller		Noryl	Acetal / Nitrile	AISI 304 / 316	AISI 304/316	AISI 304/316	AISI 304/316
Diffuser		Noryl	Polycarbonate	AISI 304 / 316	AISI 304/316	AISI 304/316	AISI 304/316
Valve Housing		AISI 304	Thermoplastic	AISI 304 / 316	AISI 304/316	AISI 304/316	AISI 304/316
Valve		AISI 304	Acetal	AISI 304 / 316	AISI 304/316	AISI 304/316	AISI 304/316
Cable guard		AISI 304		AISI 304 / 316	AISI 304/316	AISI 304/316	AISI 304/316
Coupling		AISI 329		AISI 329	AISI 329	AISI 329	AISI 329
Suction Interconnector		AISI 304	Noryl	AISI 304/316	AISI 304/316	AISI 304/316	AISI 304/316

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## SOLAR SUBMERSIBLE PUMPS

### Applications

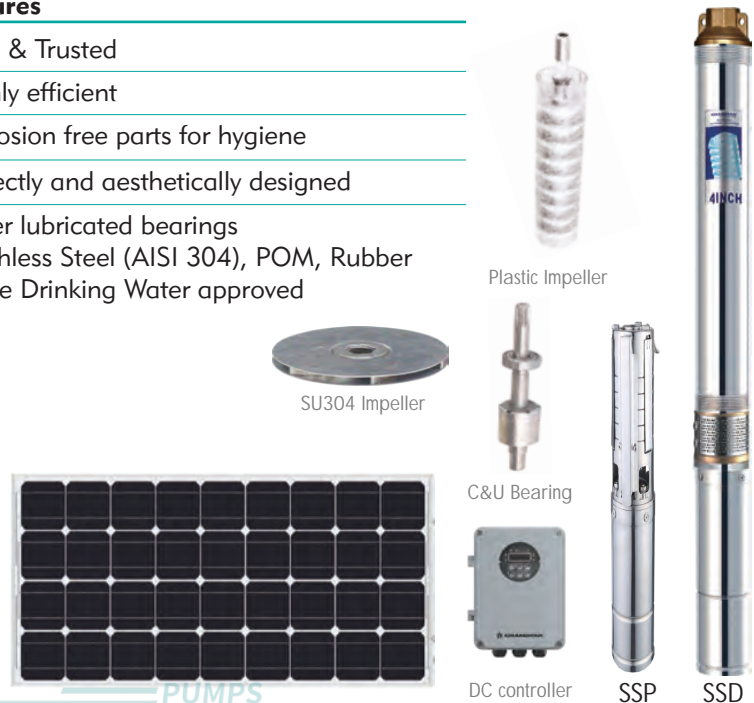
Live stock  
Agriculture  
Recreational  
Residential applications

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide-ranging performance ensures extreme exibility.

### Features

Tried & Trusted  
Highly efficient  
Corrosion free parts for hygiene  
Perfectly and aesthetically designed

Water lubricated bearings  
Brushless Steel (AISI 304), POM, Rubber  
Cable Drinking Water approved



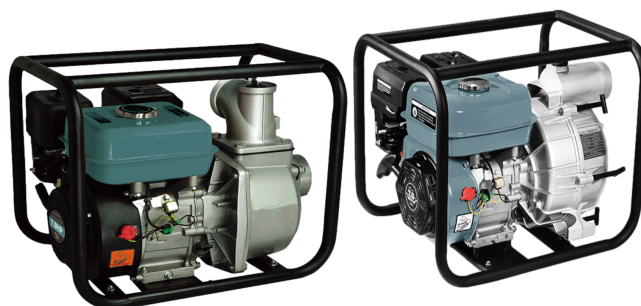
### General Information on Electro Mechanical Unit

Series	2SSD	3SSD	4SSD	3SSP	4SSP
Power Range (w)	80, 200, 300,400	300,400,500, 600,750,1100 ,1300,1500	600,750,1100 ,1300,1500	300,400,600, 750,1100,1500	750,1100,1300, 1500,2000,3000
Max. Flow Range (m <sup>3</sup> /h)	2.5	3.8	13	4.8	34
Max. Head in (m)	120		135	135	300
Delivery size in mm	19.05mm	31.75 mm	31.75&50.8mm	31.75 mm	31.75&50.8mm
<b>M.O.C</b>					
Impeller	Plastic	Plastic	Plastic	SU304	SU304
Motor Type	Oil Filled DC Motor	Oil Filled DC Motor	Oil Filled DC Motor	Oil Filled DC Motor	Oil Filled DC Motor
Bearing	NSK/ C&U	NSK/ C&U	NSK/ C&U	NSK/ C&U	NSK/ C&U

## ENGINE PUMPS > Gasoline Pumps-GF/ Diesel Pumps-GFD - SERIES

### Installation And Application

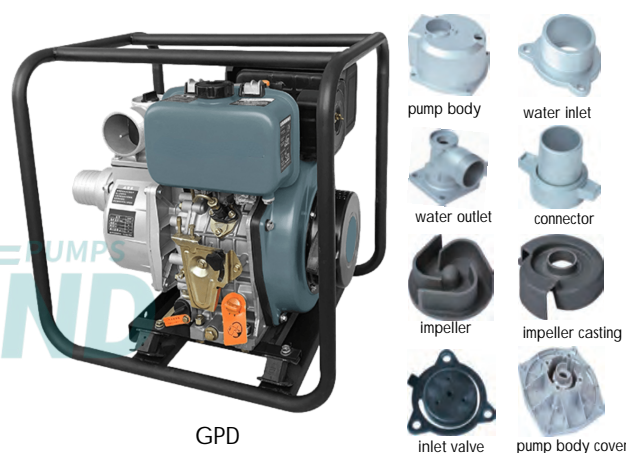
**GPG** is a gasoline water pump, is an electric spark ignition internal combustion engine using gasoline as fuel. Gasoline engine generally adopts reciprocating piston structure, which is composed of body, crank connecting rod mechanism, valve distribution system, oil supply system, lubrication system and ignition system. They are particularly suitable for domestic or industrial applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather. Manometric suction lift up to 8 m  
Dia. of inlet: 2.5"/ 3"/ 4"  
Dia. of outlet: 2"/ 3"/ 4"/ 6"  
Max displacement: 170 m<sup>3</sup>



GPG40/50/80

GPG-HP

**GPD** series pump is a diesel water pump. This pump has the advantages of reasonable structure, high efficiency, good cavitation performance, small vibration, low noise, stable, reliable and convenient installation and disassembly. As a result of their reliability and the fact that the complete set of water supply equipment of diesel engine can be used for automatic and manual water supply system of various enterprises, as well as re water supply and occasions with special requirements. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather. Manometric suction lift up to 8 m  
Dia. of inlet/outlet: 2"/ 3"/ 4"  
Max displacement: 64m<sup>3</sup>



GPD

General Information on Electro Mechanical Unit	
Series	GPG/GPG-HP/GPD
Max output Power (Hp)	GPG:6.5Hp~15Hp / GPD:4Hp~5.5Hp~9Hp
Speed in RPM	3600
Versions	GPG:Single cylinder, air-cooled,4-stroke, Engine:168F GPD:Single cylinder,vertical,air-cooled,4-stroke,direct injection,Engine:168F/178F/186F
Starting System	GPG: Recoil GPD: Recoil/Electric
Outlet/Inlet Size (inch)	2",3",4"
Flow rate up to	GPG:170m <sup>3</sup> /h GPD: 64m <sup>3</sup> /h
Head rate up to	GPG:85m GPD:28m
Fuel tank capacity	GPG:3.6L GPD:2.5L/3.5L/5.5L
Continous operating time	4 hours
Family	Centrifugal pump

\* The company reserves the right to modify the technical specifications and illustrations without prior notice.

## FUEL TRANSFER PUMPS

### Installation And Use

GOPD series pumps are suitable for pumping kerosene or diesel oil, and they are not suitable for gasoline. They are particularly suitable for domestic or industrial applications such as diesel station, oil circling system and increasing oil pressure. The design features of these particularly compact brass or stainless steel pumps provide a guarantee against rust and oxidation. The pumps are equipped with built-in strainer and bypass valve. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



GOPD-40S/60S/80S

### Application Limits and Construction

Manometric suction lift up to 5 m  
Liquid temperature up to + 80°C  
Ambient temperature up to + 40°C

Pump Body: Cast iron.  
Pump casing: Cast iron.  
Impeller: Iron or aluminum.  
Motor Shaft: Welding shaft.  
Insulation: Class B.  
Protection: IP 44.



GOPD-40/60/80



GOPD-70



ZY

General Information on Electro Mechanical Unit	
Series	GOPD-S/GOPD/ZY
Max output Power (Hp)	GOPD:0.21~0.27~0.47Hp/ZY:0.21~0.25~0.4Hp
Speed in RPM	3500/3600/4200
Versions	DC 12V/24V; Main Liquid: kerosene or diesel oil, NOT for gasoline; Thermal overload protection; Filter and connectors
Flow rate up to	2.4~3.6~4.8m <sup>3</sup> /h
Head rate up to	10~15~20m
Suct.Max.Head	5m
Protection Class	IP44

## ACCESSORIES > Brass Valve/ Valve/Pressure Gauge - SERIES

### Installation And Use

Copper three, four or five ways are made of copper, built-in non return valve core, unique sealing design and in non-return valve core, rubber material selection, make the product adapt to the worse working conditions and more stringent conditions. Designed for variable frequency constant pressure water supply system of ve structure, also will highly integrated pressure sensors, pressure tank, pressure gauge, for more easy installation, system cleaner. Fully compliance with the EU and America and other countries high standards and requirements for product safety and enviromental protection, eliminates the users worry to safety and health, has a unique potential in the domestic water supply system.



3way



3way



4way



4way



5way



5way

### Installation And Use

The valve is suitable for domestic water service, and heating plants, compressed air systems. It can be installed in any position: Vertical, horizontal, oblique. Check valve is widely used in pump applications. The function of this type of valve is to only allow the medium to flow in one direction and prevent the flow in the opposite direction. Non-return valve function is to ensure the one-way flow of the liquid in the suction pipe and make the pump work normally. When the pump stops working intermittently for a short time, the liquid cannot return to the water source tank. The suction pipe is filled with liquid to facilitate the start of the pump. And valve works automatically. Under the action of the fluid pressure owing in one direction, the valve flap opens; when the fluid flows in the opposite direction, the fluid pressure and the self-coincidence of the valve flap act on the valve seat, thereby cutting off the flow.



Check Vave



Non-return valve



### Installation And Use

The pressure gauge is suitable for the machine and plant construction industry as well as building services industry. It is also for light industrial applications requiring damping. Furthermore, this type is only suitable for gases and liquids that do not attack the brass measuring system. PG series pressure gauges have reasonable design and reliable production process, so have ascendant vibration-resisting performance.

Inch size: 1/8"; 1/4"

Coupling length: 16.7 mm; 18.4 mm

Pressure range: 0-6; 0-10 bar

Pressure value: 0-12 kg; 0-14 kpa; 0-16 ka



Axial



Radial



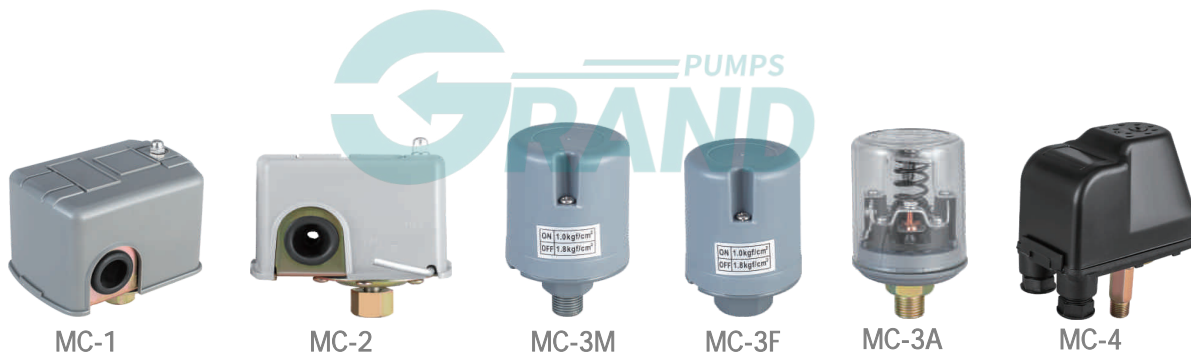
\* The company reserves the right to modify the technical specifications and illustrations without prior notice.



## ACCESSORIES > Float Switch/ Mechanical Switch - SERIES



General Information on Electro Mechanical Unit	
Series	FLO-1/-2/-3/-4
Votalge	220V-240V/110-125V
Current	16(16A), 12(8A), 16(12A)
Cable Size	3*0.75mm <sup>2</sup> /3*1.0mm <sup>2</sup> 3*1.55mm <sup>2</sup> 45cm/60cm/75cm/ 2m/3m/5m/10m



General Information on Electro Mechanical Unit		
Series	MC-1/-2/-3/-4	
Votalge	220V-240V/110-115V	
Rate Current	8A,10A,12A	
Starting Pressure and Size	20-40;30-50;40-60; 50-70;60-80;70-100PSI	M1/4";M3/8"; F1/4";F3/8"

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## ACCESSORIES > Pressure Control - SERIES

### Installation And Use

The controller has high quality, multi-functional, low noise and strong commonality etc. characteristics. This series of controller can ensure great reliability and efficiency. The controller can start and stop the water pump automatically. Stop the pump in the case of water shortage. After power cut off, restart the pump automatically when the power on. Due to its reliability and exibility, this controller is suitable for hotels, apartment, residential community area, high-rise building, orchard, ofce, water treatment equipment etc.

### Features

**A.Sleep Function:** No water consumption pump decelerates to the down limit and after a detection then sleep down. Until the pressure below settings, master pump wake up automatically.

**B.Restart after Power on:** Power off during running, it restarts when power on again.

**C.Terminal Run/ Stop:** Can be connected to external switch from terminal. When switch on, pump run and maintain a setting constant pressure; When switch off, pump stopped.

**D.Simple installation and no required maintenance**

**E.Electrical fault protection:** When there is an over current, over voltage, under voltage, phase loss, over load etc, the Controller will stop automatically.



LS-1



LS-2



LS-8



LS-8A



LS-3



LS-5



LS-6



LS-6B

### General Information on Electro Mechanical Unit

Series	LS-1/-2/-3/-5/-6/-8
Rate Voltage/Frequency	220V-240V/50Hz, 110-115V/60Hz
Max.Current	10A
Max.Power	1.1kw
Starting Pressure	1.0-3.5bar(adjustable) 1.5bar/2.2bar
Max.Working/Pressure	10bar
Joint Screw	G1/1"X1"
Protection	IP65

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## T H E P O W E R B E H I N D T H E F O R C E

Yiwu Changhong Trading Co.,Ltd, one of the leading manufacturers of latest state of art, large range of pumps and motors, is managed by veterans who are in the pump industry for almost 25 years. The products are employed in various applications like irrigation, domestic, civil construction, de-watering etc; The Company has a strong distribution network in China for sales & service and a strong global presence. Quality is the key factor in company's products. The expansive infrastructure and environment accredited with ISO 9001 quality certification, latest engineering softwares, high-tech machinery, futuristic pumping technology and high caliber workforce facilitate the production of flawless and efficient products on par with international standards under the brand name of "Grand Pumps". The well equipped R & D wing stays alive to the changing global trends and comes out with viable solutions for innovative product development and upgradation. The Products currently available include Stainless Steel Submersible Pumps, 4" Thermoplastic Submersible Pumps, 6" & 8" Cast Iron Submersible Pumps, Submersible Motors and Controls, Centrifugal Pumps, Inline Booster Pumps, Jet Self-priming Pumps and Peripheral Pumps. The power, performance and endurance of the products backed by the uncompromising teamwork and value systems will certainly propel the company's growth towards new horizons in the pump industry.

**YIWU CHANGHONG TRADING CO.,LTD**

Add: NO.L4-19342, District 2, International Trade Market, Yiwu, China

Tel / WeChat / WhatsApp: 0086-13065952569

Website: [www.grandpumps.com](http://www.grandpumps.com) E-mail : [info@grandpumps.com](mailto:info@grandpumps.com)

