



微信公众号

福建泉昇水泵有限公司
FUJIAN RISEFULL PUMP CO.,LTD.

地址:福建省福安市罗江工业路89号
Add: No.89 Luojiang Industrial Road, Fu'an, Fujian, China
销售热线: 0593-6318007 Tel:0086-593-6318005
E-mail: info@risefull.com

www.risefull.com

家用水泵 HOUSEHOLD PUMP

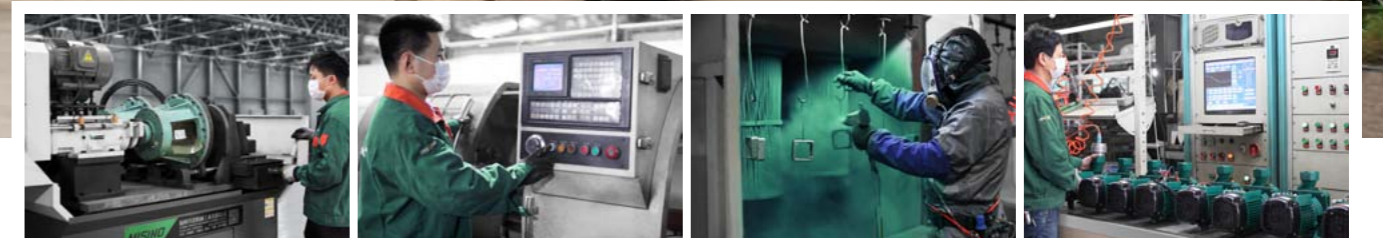
高效可靠的标准化产品
Efficient And Reliable Premium Products



创建于
Since **2004**

专注水泵从未止步！
Focus On Water Pumps!

RISFULL 莱孚®



品牌介绍

BRAND INTRODUCTION

莱孚创建于2004年，集研发、设计、生产、销售和服务于一体，在家庭用泵领域积累了丰富的经验。我们从家庭使用场景端入手，深入挖掘消费者痛点，在水泵的选型和自动控制系统两方面做了大量改良，追求不同场景下水泵更优解，实现“从能用到好用”的跨越，与此同时，我们还利用标准化工业设计改良产品结构和工艺流程，确保每一款水泵都是性价比优秀的产品。

我们承诺，在追求更佳体验的路上永不停止，创新永无止境！









FUJIAN RISEFULL PUMP CO., LTD founded in 2004 is a innovative water pump supplier which is focusing on the independent research & development, designing, production, selling and service of water pump, accumulating abundant experience in household water pump field .

Taking household application into consideration and further insight into the customer's pain point ,Risefull has reformed in the pump selecting & automatic control system and achieved crossing from "qualified quality " to "excellence in use". Meanwhile, the premium construction design and processing procedure ensure the price ratio of every Risefull pump.

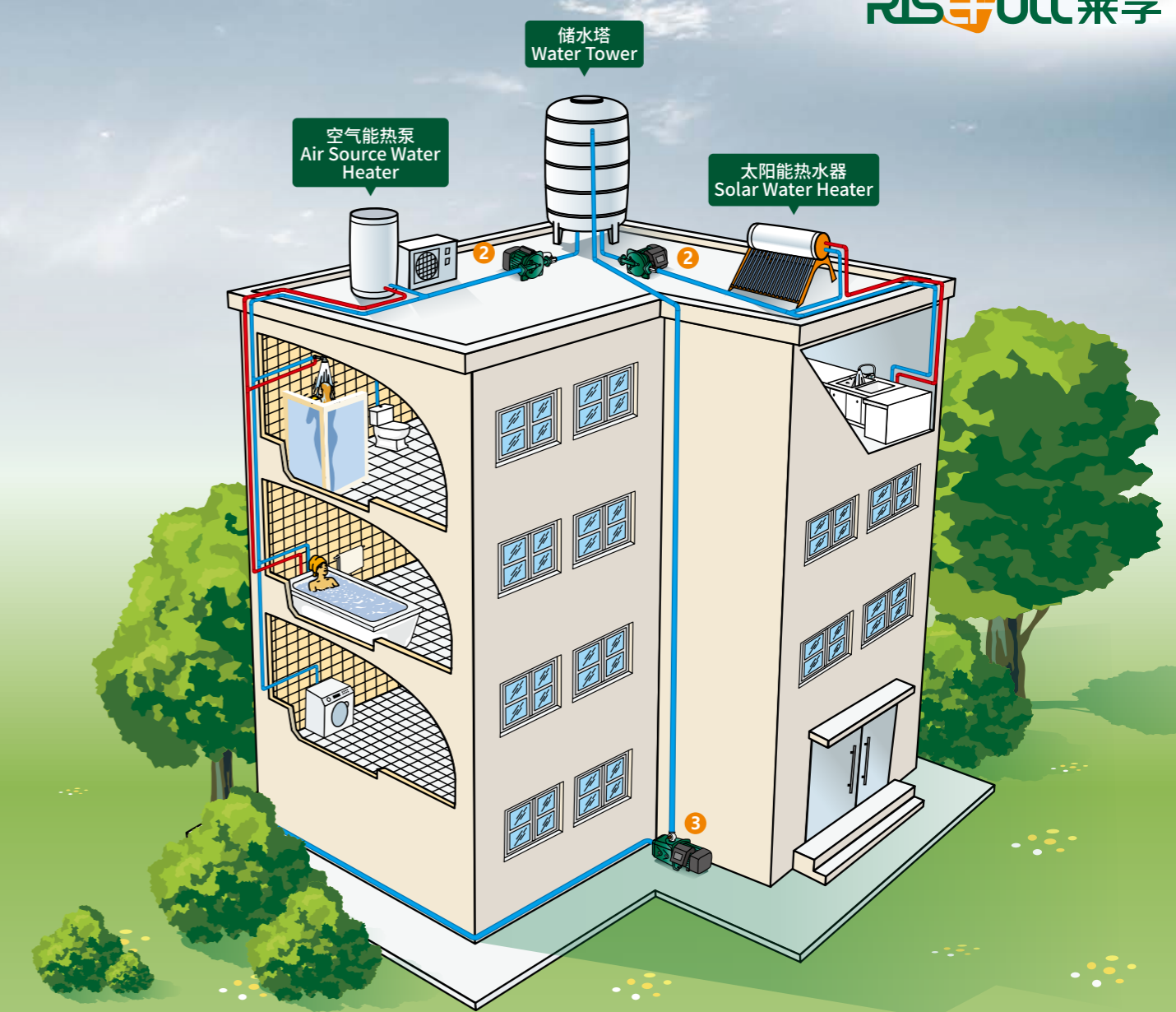
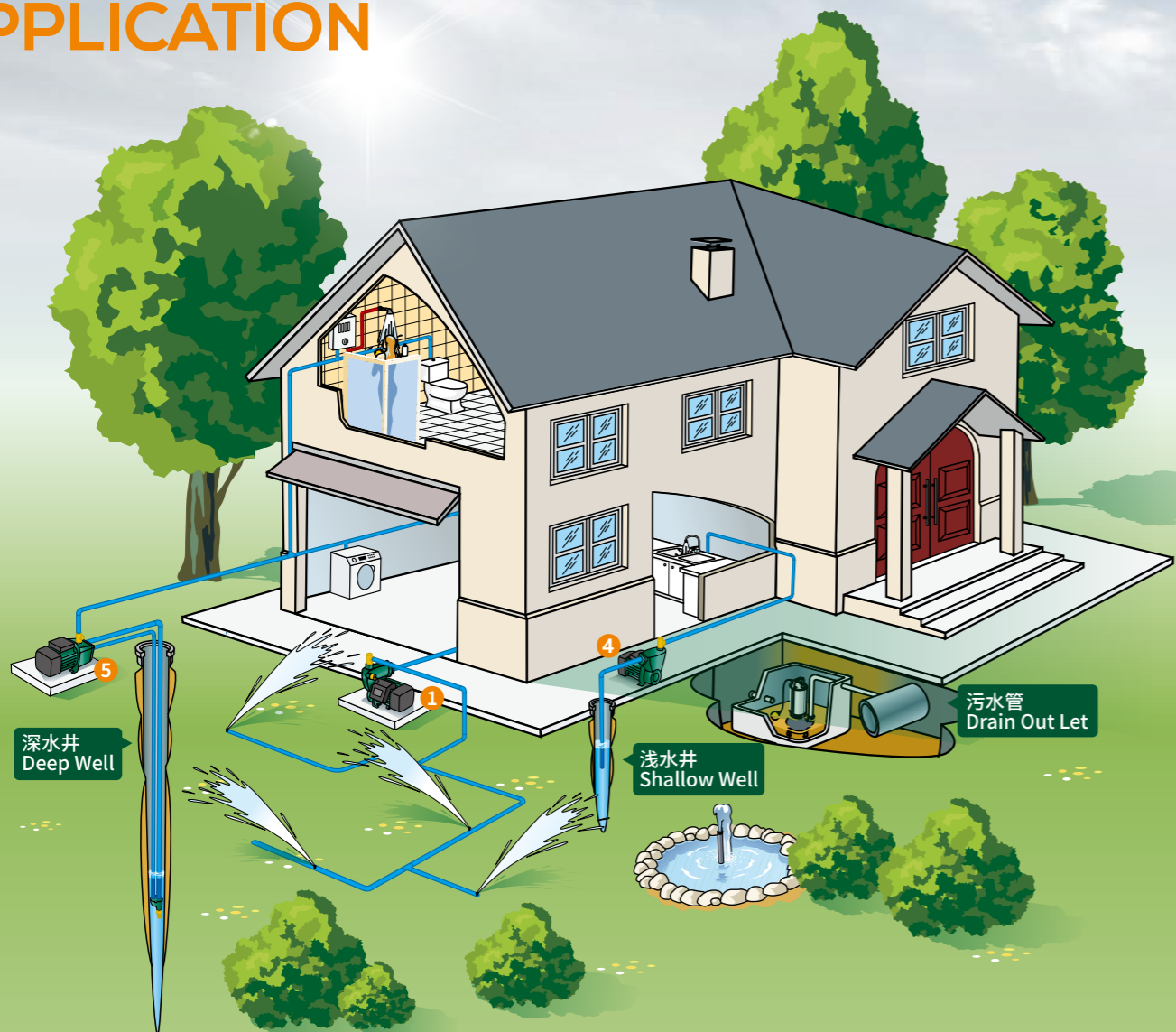
We promise we will never stop pursuing better using experience and never stop trying to exceeding ourselves.

目录 INDEX

家用水泵产品
Household Water Pump

- | | | | |
|---|--|---|--|
|  | 02 家用水泵使用场景
Household Water Pump Application |  | 14 深井抽水
Deep Well Pumping |
|  | 04 管路增压
Pipeline Booster |  | 15 快速水泵安装套件
Quick Pump Connector Kit |
|  | 08 水塔下增压
Downward Booster |  | 18 智能水泵控制器
Electronic Pressure Switch |
|  | 10 水塔补水
Water Tower Filling |  | 20 水泵配件
Pump Accessories |
|  | 12 浅井抽水
Shallow Well Pumping |  | 21 家用泵常见知识解答
FAQ of Household Water Pump |

HOUSEHOLD WATER PUMP APPLICATION



P4-P7

1 管路增压
Pipeline Booster

PS/EP ★★★★★ J/EP ★★★★★

PSA ★★★★★ PNA/24L ★★★★★ JA/24L ★★★★★

P8-P9

2 下增压
Downward Booster

CNG/EF ★★★★★

PN/EF ★★★★★

P10-P11

3 水塔补水
Water Tower Filling

PS/ET ★★★★★

J/ET ★★★★★

P12-P13

4 浅井抽水
Shallow Well Pumping

PS ★★★★★

J ★★★★★

P14

5 深井抽水
Deep Well Pumping

DP ★★★★★

1 使用场景
Application

管路增压 PIPELINE BOOSTER



解决公寓与独栋楼房管路欠压问题

Solve the pipeline insufficient pressure problem of the apartments and single buildings

- 市政自来水管路给水压力不足
- 从浅水井抽水并增压
- Insufficient pressure of municipal pipeline
- Pumping water from shallow well and pressurization

主推解决方案 RECOMMENDED SOLUTION

EP

电子压力智能控制系统
Electronic Pressure Control System

工作条件

- 系统压力: 10Bar
- 流体温度: 3~90°C
- 环境温度: < 40°C
- 可连续 24 小时不间断工作
- 绝缘等级: B 级
- 防护等级: IP44

Working Conditions

- System Pressure: 10Bar
- Liquid Temperature: 3~90°C
- Ambient Temperature: < 40°C
- Continuous Service S1
- Insulation: B
- Protection: IP44



PS/EP
★★★★☆

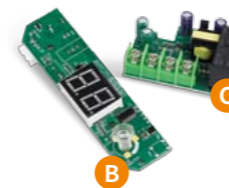


传感器 Sensor

新型压力和温度
二合一传感器
New pressure & temperature
2 in 1 integrated sensor



一键启动, 无需任何设定
One-click startup, no setting required.



线路板 Circuit Board

电源驱动线路板和信号
控制线路板
Electricity powered and
single controlled circuit
board



强大的自学习能力: 不惧叠压效应和静压水头
Strong self-learning ability: Fearless the ply pressure and static pressure.



小水流模式, 可以避免水泵频繁启停
Small flow mode: Avoid start and stop frequently.



丰富的防护功能: 防冻、防锈卡、无水保护、来水自侦测 ...
Multi protection function: Anti-freezing, anti-rust, waterless protection, water self-detection...

性能对比 Performance Comparison

性能 Performance	产品 Product	PS/EP	J/EP	VS	双控泵 Double Control Pump
控制原理 Control Principle		<ul style="list-style-type: none"> • 低压启动, 高压停机 • Low pressure start, high pressure stop 			<ul style="list-style-type: none"> • 低压启动, 无水感应停机 • Low pressure start, no water flow induction stop
核心控制单元 Core Control Unit		<ul style="list-style-type: none"> • 电子压力和温度二合一传感器 • 信号处理线路板 • 电源驱动线路板 • Electronic pressure and temperature two-in-one sensor • Singal controlled circuit board • Electricity powered circuit board 			<ul style="list-style-type: none"> • 干簧管水流传感器 • 机械式压力感应单元 • 信号处理和电源控制线路板 • Reed pipe flow sensor • Mechanical pressure sensor unit • Electricity powered and single controlled circuit board
手工调节 Manual Adjustment		<ul style="list-style-type: none"> • 自适应静压水头, 无需任何调节 • Self-adjust the static pressure, no setting required 			<ul style="list-style-type: none"> • 高楼层工况下, 需调节低压启动值 • High-floor application requires start pressure parameter adjustment
防杂质干扰 Anti-Impurity Interference		<ul style="list-style-type: none"> • 进水口过滤网拦大颗粒杂质 • 无磁环境, 不怕含铁杂质 • Inlet filter blocks large impurities • No magnetic environment, no afraid of iron impurities 			<ul style="list-style-type: none"> • 进水口过滤网拦大颗粒杂质 • 干簧管需要强磁组件, 含铁杂质会导致感应失效 • Inlet filter blocks large impurities • Iron impurities may interfere the magnetic components of reed pipe
小流量体验 Small Flow Experience		<ul style="list-style-type: none"> • 特色小水流模式 • 可在 1 升 / 分钟工况下保持连续工作 • Special small flow mode • Keep working when flow is at 1l/min 			<ul style="list-style-type: none"> • 通常为 2 升 / 分钟的感应精度, 但不稳定 • Induction accuracy is at 2l/min regularly but not stable
防冻功能 Anti-Freezing Function		<ul style="list-style-type: none"> • 有 • Available 			<ul style="list-style-type: none"> • 必须配专门的温度传感器 • Special temperature sensors are required
无水保护能力 No Water Protection Ability		<ul style="list-style-type: none"> • 有 • Available 			<ul style="list-style-type: none"> • 有 • Available
防锈卡能力 Anti-Rust Function		<ul style="list-style-type: none"> • 有 • Available 			<ul style="list-style-type: none"> • 有 • Available

智能型 Electronic Type



PS/EP
★★★★☆



J/EP
★★★★☆

技术参数 Performance Data

型号 Model	功率 Power		最大流量 Flow Max (L/min)	最高扬程 Head Max (m)	额定点 Rated Point (m@L/min)	匹配流量 Flow Sug.	匹配楼层 Floor Sug.	压力调节方式 Press Adjust	压力出厂设置 Press Set (Bar)
	kW	HP							
PS59/EP	0.33	0.45	36	32	16m@20L	☰ ×1.5	3	自动 Auto	--
PS60/EP	0.37	1/2	42	36	16m@25L	☰ ×1.5	4	自动 Auto	--
PS65/EP	0.55	3/4	55	42	20m@32L	☰ ×2	5	自动 Auto	--
PS70/EP	0.75	1	68	48	24m@38L	☰ ×2	6	自动 Auto	--
J300/EP	0.37	1/2	45	32	20m@25L	☰ ×1.5	3	自动 Auto	--
J550/EP	0.55	3/4	60	36	26m@40L	☰ ×2	4	自动 Auto	--
J750/EP	0.75	1	70	40	28m@42L	☰ ×2.5	5	自动 Auto	--

包装箱信息 Packaging Information

型号 Model	净重 N.W (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
PS59/EP	6.4	1	6.7	28×22×26	2	13.8	44X.29.8X28
PS60/EP	6.9	1	7.7	28×22×26	2	15.8	44X.29.8X28
PS65/EP	9.4	1	10.0	31.2×22×28.5	2	23.2	51.5X29X31
PS70/EP	11.5	1	12.0	31.2×22×28.5	2	24.5	51.5X29X31
J300/EP	9.6	1	10.0	38×17×12	--	--	--
J550/EP	16.0	1	16.8	45×20×23	--	--	--
J750/EP	17.8	1	18.3	45×20×23	--	--	--

机械型 Mechanical Type



PSA
★★★★☆



PNA/24L
★★★★☆



JA/24L
★★★★☆

技术参数 Performance Data

型号 Model	功率 Power		最大流量 Flow Max (L/min)	最高扬程 Head Max (m)	额定点 Rated Point (m@L/min)	匹配流量 Flow Sug.	匹配楼层 Floor Sug.	压力调节方式 Press Adjust	压力出厂设置 Press Set (Bar)
	kW	HP							
PSA55	0.30	0.40	33	28	12m@18L	☰ ×1	3	手动 Manul	1.2-2.0
PSA59	0.33	0.45	36	32	16m@20L	☰ ×1.5	3	手动 Manul	1.2-2.0
PSA60	0.37	1/2	42	36	16m@25L	☰ ×1.5	4	手动 Manul	1.6-2.6
PSA65	0.55	3/4	55	42	20m@32L	☰ ×2	5	手动 Manul	2.4-3.6
PSA70	0.75	1	68	48	24m@38L	☰ ×2	6	手动 Manul	2.4-3.6
PNA59/24L	0.33	0.45	36	32	16m@20L	☰ ×1.5	3	手动 Manul	1.3-2.6
PNA60/24L	0.37	1/2	42	36	16m@25L	☰ ×1.5	3	手动 Manul	1.3-2.6
PNA65/24L	0.55	3/4	55	42	20m@32L	☰ ×2	3	手动 Manul	1.4-2.8
PNA70/24L	0.75	1	68	48	24m@38L	☰ ×2	3	手动 Manul	1.4-2.8
JA300/24L	0.37	1/2	45	32	20m@25L	☰ ×1.5	3	手动 Manul	1.3-2.6
JA550/24L	0.55	3/4	60	36	26m@40L	☰ ×2	3	手动 Manul	1.4-2.8
JA750/24L	0.75	1	70	40	28m@42L	☰ ×2.5	3	手动 Manul	1.4-2.8

包装箱信息 Packaging Information

型号 Model	净重 N.W (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
PSA55	5.9	1	6.2	26×19.5×25.8	4	24.8	42×28×56
PSA59	6.4	1	6.7	28×22×26	2	13.8	44×.29.8×28
PSA60	6.9	1	7.7	28×22×26	2	15.8	44×.29.8×28
PSA65	9.4	1	10.0	31.2×22×28.5	2	23.2	51.5×29×30
PSA70	11.5	1	12.0	31.2×22×28.5	2	24.5	51.5×29×30
PNA59/24L	9.7	1	11.5	51.8×32×56	--	--	--
PNA60/24L	10.7	1	12.6	51.8×32×56	--	--	--
PNA65/24L	13.3	1	15.2	51.8×32×56	--	--	--
PNA70/24L	14.5	1	16.4	51.8×32×56	--	--	--
JA300/24L	14.3	1	16.2	51.8×32×56	--	--	--
JA550/24L	20.8	1	22.7	51.8×32×56	--	--	--
JA750/24L	22.5	1	24.5	51.8×32×56	--	--	--

下增压 DOWNWARD BOOSTER



- 楼顶水塔向下供水
- 大平层供水压力不足

- The water is downward delivered from the roof tower
- The water is leveling delivered with insufficient pressure

注意: 仅用于正压给水的工况 (有供水但压力不足)
Note: Only used for the positive pressure water deliver condition (Water supply is available but with insufficient pressure)

EF

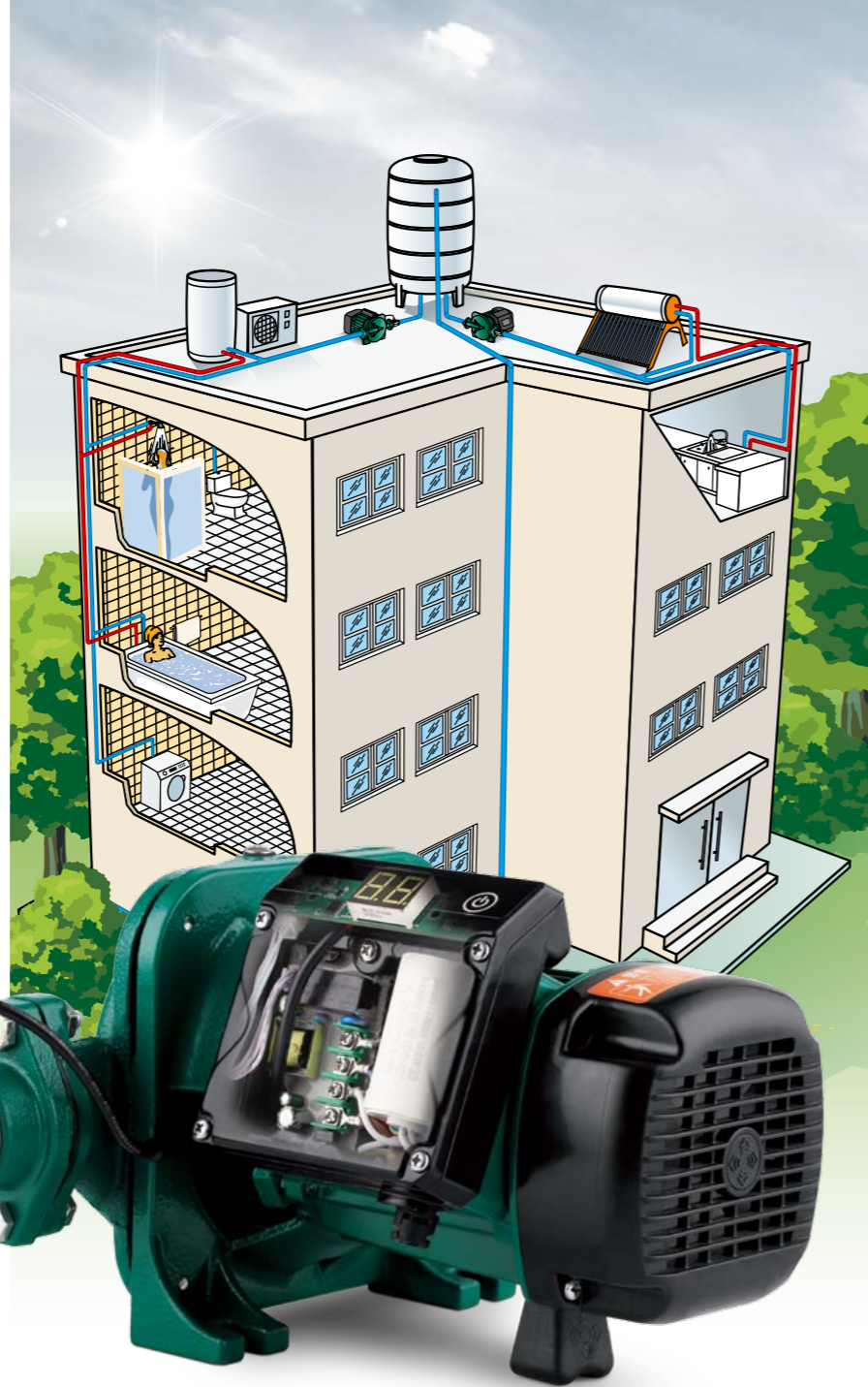
电子流量智能控制系统
Electronic Flow Control System

工作条件

- 系统压力: 10Bar
- 流体温度: 3~90°C
- 环境温度: < 40°C
- 可连续 24 小时不间断工作
- 绝缘等级: B 级
- 防护等级: IP44

Working Conditions

- System Pressure: 10Bar
- Liquid Temperature: 3~90°C
- Ambient Temperature: < 40°C
- Continuous Service S1
- Insulation: B
- Protection: IP44



CN(G)/EF
★★★★☆

A 涡轮水流传感器 Turbine Water Flow Sensor

高精度低时延, 读取精度高达
0.06 吨 / 小时
High accuracy and low latency
Reading accuracy at 0.06 ton/hour

B 霍尔感应单元 Hall Sensor Unit

可显示当前流量值
Synchronization display the working
flow value



水过泵启, 水关泵停, 反应敏捷
Pump starts when the water pass. Pump stops when the water tap is closed with quick reaction.



小泄漏不会导致水泵频繁启停, 杜绝骚扰
Avoid start and stop frequently due to the small leakage, away from harassment.



无聚压现象, 无水塔回音
No concentrated pressure, no tower echo.

CN(G)/EF

离心泵
Centrifugal Pump

PN/EF

漩涡泵
Peripheral Pump



★★★★☆



★★★★☆

技术参数 Performance Data

型号 Model	功率 Power		最大流量 Flow Max (L/min)	最高扬程 Head Max (m)	额定点 Rated Point (m@L/min)	匹配流量 Flow Sug.
	kW	HP				
CNG130/EF	0.37	1/2	85	20	15m@70L	☰ × 2
CN146/EF	0.55	3/4	110	28	20m@90L	☰ × 2.5
CN150/EF	0.75	1	115	30	22m@95L	☰ × 3
PN59/EF	0.33	0.45	36	32	16m@20L	☰ × 1
PN60/EF	0.37	1/2	42	36	16m@25L	☰ × 1.5

包装箱信息 Packaging Information

型号 Model	净重 N.W (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
CNG130/EF	11.6	1	12.0	31×25×21.5	--	--	--
CN146/EF	13.7	1	14.4	32.5×22×29.5	--	--	--
CN150/EF	14.0	1	14.6	32.5×22×29.5	--	--	--
PN59/EF	5.5	1	5.7	26×16×17.5	4	23	34.5×27.5×38.5
PN60/EF	6.0	1	6.3	26×16×17.5	4	25.5	34.5×27.5×38.5

水塔补水 WATER TOWER FILLING



- 从自来水管向高层水塔补水
- 从水井向楼顶水塔补水
- Pumping water from water pipe to roof tower
- Pumping water from well to roof tower

注意：水塔分为承压式和非承压式，本处特指非承压式

Note: There are 2 kind of towers, pressure-resistance tower and normal tower. The above mentioned tower is normal tower.

ET

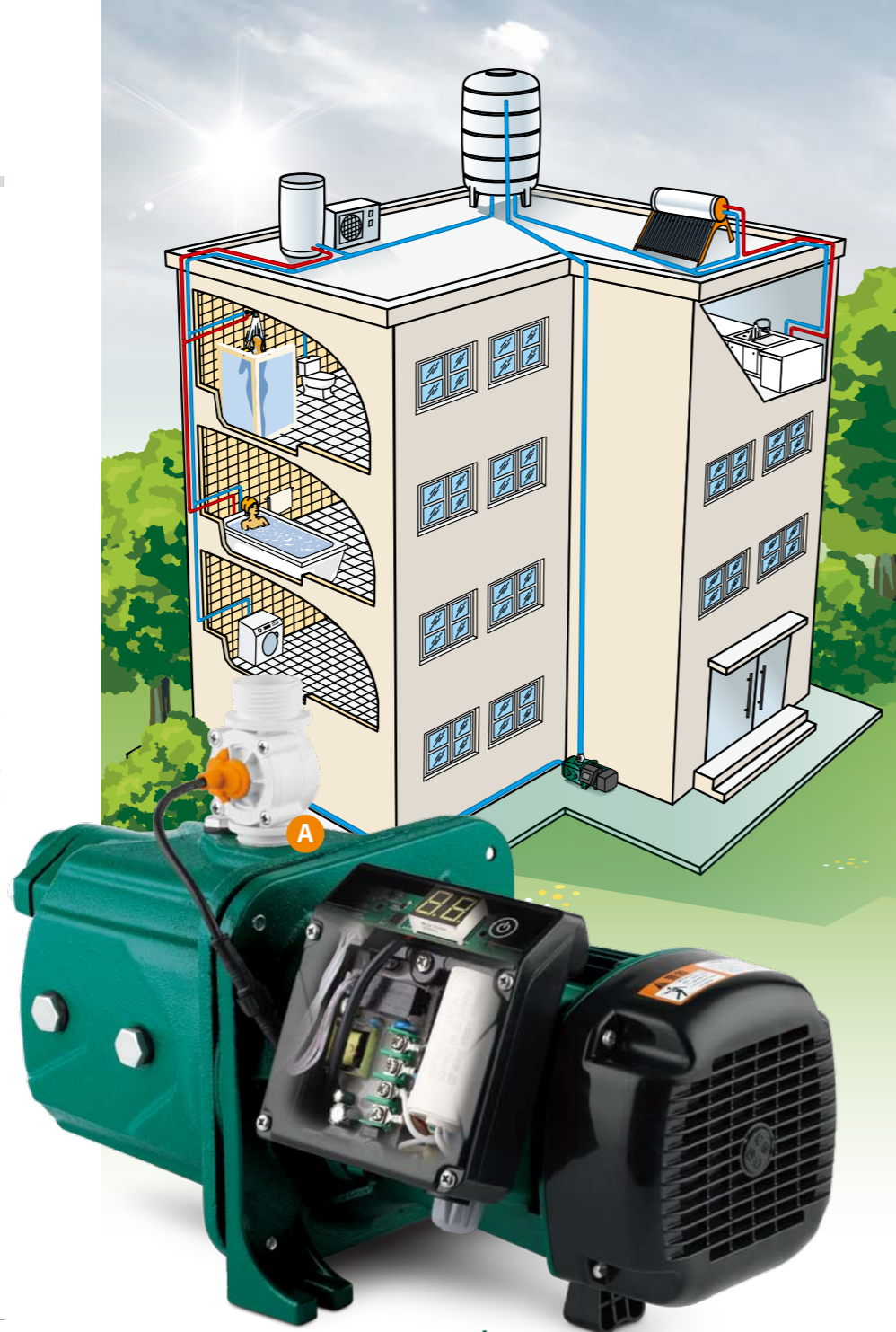
智能定时补水系统
Electronic Timing Water Filling System

工作条件

- 系统压力：10Bar
- 流体温度：3~90°C
- 环境温度：< 40°C
- 可连续 24 小时不间断工作
- 绝缘等级：B 级
- 防护等级：IP44

Working Conditions

- System Pressure: 10Bar
- Liquid Temperature: 3~90°C
- Ambient Temperature: < 40°C
- Continuous Service S1
- Insulation: B
- Protection: IP44



J/ET
★★★★☆



A 涡轮水流传感器 Turbine Water Flow Sensor

高精度低时延，读取精度高达
0.06 吨 / 小时
High accuracy and low latency
Reading accuracy at 0.06 ton/hour

B 霍尔感应单元 Hall Sensor Unit

可显示当前流量值
Synchronization display the working
flow value



避免频繁启动水泵：任意设置 1-24 小时倒计时启动，到点自动探测水塔水量。
解释：水塔容量通常有 1 吨，足够绝大多数家庭每天用量，每天启动 1-2 次最节约。

Avoid pump start and stop frequently: Countdown time setting range from 1 hour to 24 hour. Automatically detect the tower water volume. PS. The tower capacity is 1 ton which is enough for daily use for most of families. The most economical way is running pump one or twice per day.



水塔满水前的一段为水泵高功率做功区域，智能系统可提早关机。
The working section before the tower fully filled is high power consumption section. The electronic system will stop the pump earlier to save power.



水压足够时直接补水，水泵只需定时探测几秒即可，耗电量几乎忽略不计，同时防止锈卡。
The pump will start when the pressure is sufficient. It takes few seconds to detect the tower volume with tiny power consumption and anti-rust.



避免水塔内水面晃动而导致的水泵启动。
Avoid pump starting due to the shaking tower water surface.



单次补水总容量上限保护，尽可能减少管路泄漏的损失。
Max filling water volume protection: To avoid loss due to the pipeline leaking, pump will stop, once the single filling water volume up to 1.5 ton.

PS/ET

自吸漩涡泵
Self-priming Peripheral Pump



★★★★☆

J/ET

自吸喷射泵
Self-priming Jet Pump



★★★★☆

技术参数 Performance Data

型号 Model	功率 Power		最大流量 Flow Max (L/min)	最高扬程 Head Max (m)	额定点 Rated Point (m@L/min)	建议水源 Water Source Sug.	允许杂质直径 Solid Dia. Allowed	最大泥沙含量 Sediment %
	kW	HP						
PS59/ET	0.33	0.45	36	32	16m@20L	自来水 Tap Water	Φ2.0	<5%
PS60/ET	0.37	1/2	42	36	16m@25L	自来水 Tap Water	Φ2.0	<5%
PS65/ET	0.55	3/4	55	42	20m@32L	井水 Well Water	Φ2.0	<5%
PS70/ET	0.75	1	68	48	24m@38L	井水 Well Water	Φ2.0	<5%
J300/ET	0.37	1/2	45	32	20m@25L	井水 Well Water	Φ4.0	<15%
J550/ET	0.55	3/4	60	36	26m@40L	井水 Well Water	Φ4.0	<15%
J750/ET	0.75	1	70	40	28m@42L	井水 Well Water	Φ4.0	<15%

包装箱信息 Packaging Information

型号 Model	净重 N.W (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
PS59/ET	6.4	1	6.7	28×22×26	2	13.8	44×29.8×28
PS60/ET	6.9	1	7.7	28×22×26	2	15.8	44×29.8×28
PS65/ET	9.4	1	10.0	31.2×22×28.5	2	23.2	51.5×29×30
PS70/ET	11.5	1	12.0	31.2×22×28.5	2	24.5	51.5×29×30
J300/ET	9.6	1	10.0	38×17×12	--	--	--
J550/ET	16.0	1	16.8	45×20×23	--	--	--
J750/ET	17.8	1	18.3	45×20×23	--	--	--

浅井抽水 SHALLOW WELL PUMPING



- 从井深不超过 9 米的水井抽水
- Pumping water from the well with the depth within 9 meter

PS

自吸漩涡泵
Self-priming Peripheral

J

自吸喷射泵
Self-priming Jet



J
★★★★☆

PS
★★★★☆

工作条件

- 系统压力: 10Bar
- 流体温度: 3~90°C
- 环境温度: < 40°C
- 可连续 24 小时不间断工作
- 绝缘等级: B 级
- 防护等级: IP44

Working Conditions

- System Pressure: 10Bar
- Liquid Temperature: 3~90°C
- Ambient Temperature: < 40°C
- Continuous Service S1
- Insulation: B
- Protection: IP44



PS 系列适合于杂质颗粒不大于 2 毫米, 泥沙含量少于 5% 的工况, 极限自吸高度 9 米

PS series is used for the condition: Impurities within 2mm, sediment within 5%, self-priming suction depth max in 9m.



J 系列适合于杂质颗粒不大于 4 毫米, 泥沙含量少于 15% 的工况, 极限自吸高度 9.5 米

J series is used for the condition: Impurities within 4mm, sediment within 15%, self-priming suction depth max in 9.5m.

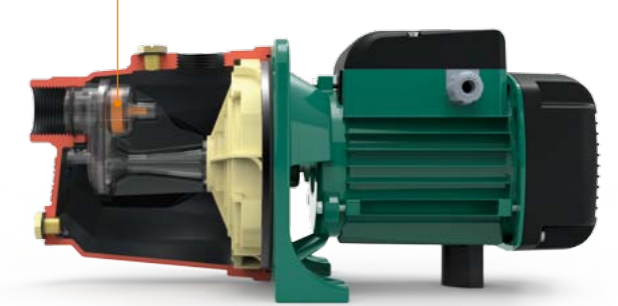
内置重力式止回阀 Inner Gravity Check Valve

无需在井底安装单向阀
No need check valve at bottom of well

止回阀
Check valve



止回阀
Check valve



优良的排气能力 Excellent exhaust capacity

注: 工作深度超过 8 米将明显降低水泵提升能力和工作效率
When depth of well is more than 8m, it will obviously reduce the pump lifting capacity and efficiency.



技术参数 Performance Data

型号 Model	功率 Power		建议井深 Depth Sug. (m)	最大流量 Flow Max (L/min)	最高扬程 Head Max (m)	额定点 Rated Point (m@L/min)	匹配流量 Flow Sug.	匹配楼层 Floor Sug.
	kW	HP						
PS59	0.33	0.45	6	36	32	16m@20L	×1.5	3
PS60	0.37	1/2	6	42	36	16m@25L	×1.5	4
PS65	0.55	3/4	7	55	42	20m@32L	×2	5
PS70	0.75	1	7	68	48	24m@38L	×2	6
J300	0.37	1/2	6	45	32	20m@25L	×1.5	3
J550	0.55	3/4	8	60	36	26m@40L	×2	4
J750	0.75	1	8	70	40	28m@42L	×2.5	5

包装箱信息 Packaging Information

型号 Model	净重 N.W. (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
PS59	5.8	1	6.1	25×18×23	4	25.5	37.5×26×49
PS60	6.0	1	6.4	25×18×23	4	26.7	37.5×26×49
PS65	9.3	1	9.8	28×25×29	2	20.7	51.5×29×30
PS70	11.3	1	11.8	28×25×29	2	24.7	51.5×29×30
J300	9.3	1	9.8	38×17×12	--	--	--
J550	15.8	1	16.5	45×20×23	--	--	--
J750	17.5	1	18.0	45×20×23	--	--	--

5 使用场景
Application

深井抽水 DEEP WELL PUMPING



- 从井深 12-24 米的水井抽水
- Pumping water from the well with the depth in 12-24m

DP

深井泵
Deep Well Pump

工作条件

- 系统压力: 10Bar
- 流体温度: 3~60°C
- 环境温度: < 40°C
- 可连续 24 小时不间断工作
- 绝缘等级: B 级
- 防护等级: IP44

Working Conditions

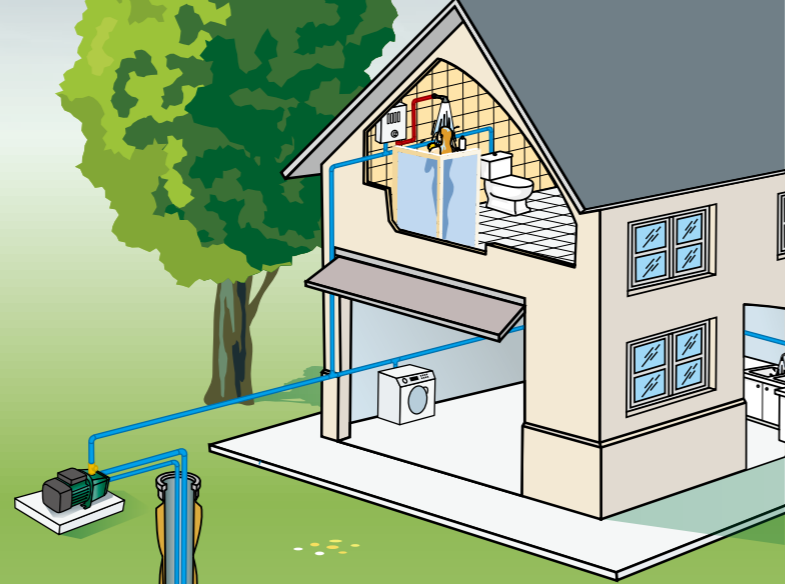
- System Pressure: 10Bar
- Liquid Temperature: 3~60°C
- Ambient Temperature: < 40°C
- Continuous Service S1
- Insulation: B
- Protection: IP44

技术参数 Performance Data

型号 Model	功率 Power		最大流量 Flow Max (L/min)	总扬程 Total Head (m)	最大吸程 Suc.Max (m)	最大井深 Depth Max (m)	额定点 Rated Point (m@L/min)	允许杂质直径 Solid Dia. Allowed	最大泥沙含量 Sediment %
	kW	HP							
DP255	0.55	3/4	32	50	26	20	20m@20L	Φ4.0	< 15%
DP370	0.75	1	35	55	30	24	25m@20L	Φ4.0	< 15%

包装箱信息 Packaging Information

型号 Model	净重 N.W (kg)	台数 / 箱 PCS/CTN	毛重 / 箱 G.W./CTN (kg)	尺寸 MEAS (cm)
DP255	15.5	1	17	42×30×23.5
DP370	16.3	1	17.8	42×30×23.5



DP
★★★★☆

标配射流器套件
Standard Venturi Kit



DP 系列双管深井泵适合于杂质颗粒不大于 4 毫米，泥沙含量少于 15% 的工况，极限抽取高度 30 米
DP series is used for the condition: Impurities within 4mm, sediment within 15%, self-priming suction depth within 30m.

快速水泵安装套件 QUICK PUMP CONNECTOR KIT

安装简易, DIY 省心省事
Easy Installation, DIY Freely



安装简易
Easy Installation



超强抱紧力
Super Grip



一级工程塑料
Grade 1 Engineering Plastic



环保耐用
Environmental Durability



多泵兼容
Universal Using

包装形式 Package Style

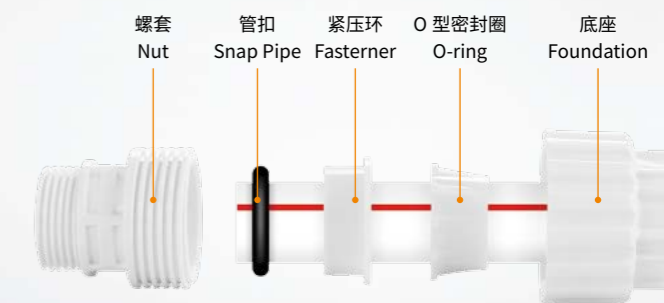


套件包装
Kit Package

快速接头包装
Quick Connector
Package



RISFULL 莱孚



无需热熔, 无需专业工具, 一套一旋, 牢牢固定
No need hot melt, no need professional tools,
Hitch&Spin, firmly fixed.

快速水泵安装套件 QUICK PUMP CONNECTOR KIT

一级工程塑料制作
First-grade Engineering Plastics

对水管抱紧力达到 16 公斤，完全满足日常需求
(市政管网压力一般不超过 3.5 公斤)
The hose is up to 16 bar and fully meets daily needs.
(The max pressure of municipal pipe network is 3.5bar.)

专用快接扳手 Quick-connect Wrench

轻巧好用，两边端口分别对应锁紧位置
无需其他工具。
Light and Easy to use, The ports correspond to the locking positions,
No need any other tool.



15+ years

使用寿命长无污水质
Long Service Life
No Pollution

55°C

最高环境温度
Max. Ambient
Temperature

90°C

最高允许水温
Max. Liquid
Temperature

100%

新材料制作
New Material

加厚 304 不锈钢波纹管 Thicker 304 Stainless Steel Bellows

标配长度 30cm Standard length 30cm

固溶退火处理永不开裂，可任意角度弯折保证管路和水
泵进出水口无需对准也可以方便安装。
Annealing treatment material to avoid any cracking.
Freely bendable bellows to fit for any kind of pump.

采用不同材料提供选择 Different Material Choices

对丝和螺套提供一级工程塑料和高端不锈钢两种材料选
择满足您水泵安装时的不同需求。
High-end stainless steel or first class engineering
plastic connector and nuts for different choices.



一级工程塑料套件
First Class Engineering
Plastics Kit

高端不锈钢套件
High-End Stainless
Steel Kit

标准配置产品 Standard Configuration Product

* 支持个性化定制 Support individualized customization

配置 Configuration	产品 Product	4 分快速接头 DN15 Quick Connector	6 分快速接头 DN20 Quick Connector	双 4 分塑料套件 DN15 Plastic Kit	双 4 分不锈钢套件 DN15 S.S Kit	双 6 分塑料套件 DN20 Plastic Kit	双 6 分不锈钢套件 DN20 S.S Kit
4 分快速接头 DN15 Quick Connector		● ×1	--	● ×2	● ×2	--	--
6 分快速接头 DN20 Quick Connector		--	● ×1	--	--	● ×2	● ×2
生料带 Seal Tape		● ×1	● ×1	● ×1	● ×1	● ×1	● ×1
波纹管 + 塑料螺母 Bellows+Plastic Nut (长度 Length:30cm)		--	--	● ×1	--	● ×1	--
波纹管 + 不锈钢螺母 Bellows+Stainless Steel Nut (长度 Length:30cm)		--	--	--	● ×1	--	● ×1
塑料对丝 Plastic Connector		--	--	● ×1	--	● ×1	--
不锈钢对丝 Stainless Steel Connector		--	--	--	● ×1	--	● ×1
铝扳手 Aluminum Wrench		--	--	● ×1	● ×1	● ×1	● ×1
包装信息 Package		单个 /Single: 15.5×9×6cm 36 个 /Pieces: 41×35×20CM			单个 /Single: 25×18×8cm 12 个 /Pieces: 46×36×26CM		

(标准版 Standard Type)



管路增压 Pipeline Booster
下增压 Downward Booster
平层增压 Leveling Booster
水塔补水 Water Tower filling



转换插座 Adapter Socket
尼龙转接 Nylon Connector
铜转接 Brass Connector
● 标配 Standard ○ 选配 Optional

(深井泵专用 For deep well submersible pump)



向承压式水塔补水 Pumping water to pressure-resistance water tower
向楼顶非承压式水塔补水 Pumping water to roof normal water tower



尼龙转接 Nylon Connector
铜转接 Brass Connector
● 标配 Standard ○ 选配 Optional

工作条件 Working Conditions

产品 Product	PC31	PC21
性能 Performance		
电压 / 频率 Voltage/Freq	200-240V,50/60Hz	160-240V,50/60Hz
最大功率 Max input	1.3KW	1.1KW
最大电流 Max Am	10A	
防护等级 Protection		IP54
最大承压 Max pressure	6 Bar	10 Bar
最高水温 Max water temp.	80°C	50°C
最高环境温度 Max ambient temp.		40°C
进/出水口 Inlet/outlet	外牙 Male:1"X1"	

PC31 控制逻辑 Control Parameter

控制模式 Control Modes	水泵开启 Pump start	水泵停机 Pump stop
压力模式 Pressure Mode	低压力感应 Low pressure sensor	水流感应 Flow sensor
定时模式 Timing Mode	倒计时 Countdown time	水流感应 Flow sensor
水流模式 Flow Mode	水流感应 Flow sensor	水流感应 Flow sensor

PC21 控制逻辑 Control Parameter

控制模式 Control Modes	水泵开启 Pump start	水泵停机 Pump stop
压力模式 Pressure Mode	低压力感应 Low pressure sensor	高压力感应 High pressure sensor
定时模式 Timing Mode	倒计时 Countdown time	水流感应 Flow sensor
水流模式 Flow Mode	--	--

多重传感器保障您的舒适用水体验

Multi-Sensor Ensure Your Comfortable Using Experience

精确实时的传感系统能更好的适应各种不同的用水环境

Accurate and timely sensor system enhance adapting different application



防异物卡死结构 Anti-foreign matter stuck structure
特别设计的内置过滤系统, 支持人工清理
Special inner filter system, easy for manual cleaning

电子流量传感器 Electronic Flow Sensor
读取精度 2.5L/分
The reading accuracy is 2.5l/min



压力 / 温度二合一传感器 Pressure & temperature 2 in 1 sensor
精确读数, 实时数显
Accurate reading, timely digital display



防护功能 Protection Function

- 缺水保护 Water shortage protection
- 来水自侦测 Water automatic detection
- 防锈卡 Anti-rust
- 防冻保护 Anti-freezing
- 过载保护 Overload protection
- 泄漏报警 Leaking alarm



尼龙转接 : 快速安装
Nylon Connector For Quick Install

安装简单迅捷
控制器可朝向任意角度
内置止回阀
Quick and simple installation
Can be installed in any direction
With inner valve



转换插座: 快速接线
Adapter Socket For Quick Link

即插即用, 避免接线错误, 万能插座兼容多种插头
Plug and play, avoid wiring error, universal socket compatible with a variety of plugs.



水泵配件 ACCESSORIES

圆形压力开关 Circular Pressure Switch 方形压力开关 Square Pressure Switch 电子压力开关 Electronic Pressure Switch 水流传感器 Water Flow Sensor 压力传感器 Pressure Sensor



智能水泵控制器 Electronic Pressure Switch 压力表 Pressure Gauges 底阀 Foot Valves



铜接头 Brass Connector 叶轮 Impeller



插头 Plug



家用泵常见知识解答

FAQ OF HOUSEHOLD PUMP

单位换算 UNIT CONVERSION

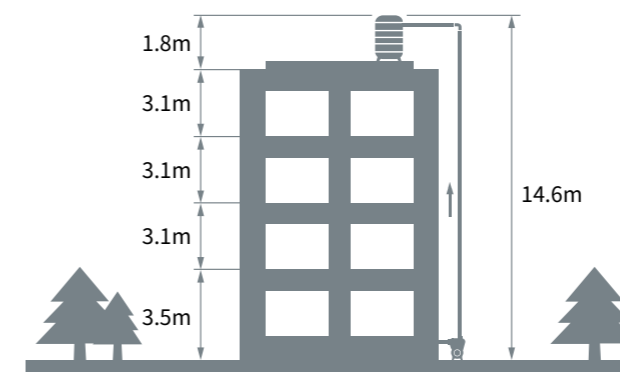
流量单位:
1.0 立方米 = 1 吨 = 1000 升 = 264 美式加仑
压力单位:
10 米扬程 = 1.0 巴 = 0.1 兆帕 = 1.0 公斤 / 平方厘米 = 14.3PSI

家庭常用水量 FLOW CALCULATION



Flow Volume Unit
1.0m³=1.0Ton=1000L=264USG
Pressure Unit
10m Head=1.0 Bar=0.1Mpa=1.0kgf/cm²=14.3PSI

楼层和扬程的关系 RELATIONSHIP BETWEEN FLOOR AND HEAD



正压给水 (有效压力)

指水泵进水端的管路自带压力, 通常来自于市政水管或储水箱 (从楼顶向下增压), 但是提供的压力不足。

POSITIVE PRESSURE (EFFECTIVE PRESSURE)

It means the pipeline with pressure in the inlet of pump .It is regular from the municipal pipeline or water tower(Water is under downward booster) and the pressure is insufficient.

叠压效应

指水泵进水端的压力, 经水泵运转做功后, 会叠加到水泵出水端。比如, 进水端压力 1.0Bar, 经过一台 30 米扬程的水泵, 其出水端最高压力可达 4.0Bar。

PLY PRESSURE EFFECT

It means the pressure of inlet of pump will be added on the outlet of pump by pump working . For example ,when the pressure of inlet of pump is 1.0 bar and head of pump is 30m ,the pressure of outlet of pump would be max in 4.0 bar.

自吸能力和吸程

水泵实现自吸必须三个核心结构:

1. 泵体自带止回阀;
2. 容纳足够水量的储水腔;
3. 内部构件运转能够排气;

所以, 自吸泵只需要在泵腔灌满水就能正常抽水, 自吸高度等于最大吸程。普通水泵没有自吸能力, 需要进水管底部安装止回阀, 整个管路灌满水了才能正常工作, 吸程的定义是这台水泵在此工况下能够吸取的最大垂直高度。

SELF-PRIMING AND SUCTION

- 3 core structures of self-priming:
1. Pump Body with Check Valve;
 2. Enough Water Storage Chamber ;
 3. Exhaust System;

So the self-priming pump can work after full filled water in the pump body. The suction height is equal to the max suction . Normal pump without self-priming function couldn't work unless there is a check valve at the bottom of pipeline and the pipeline is fully filled water.

水锤效应

水泵向上运转增压, 在停机瞬间管路压力会反作用于水泵本身, 严重的会损坏叶轮甚至冲裂泵体, 一般而言高于 7 层楼房的供水要注意水锤效应, 在出水管路安装缓冲装置。

WATER HAMMER EFFECT

The pipeline pressure will cause reverse reaction on the pump when the pump stop on the upward booster condition.It may occur on the building which is more than 7 floors .So the pipeline buffer is required .