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<https://dayuirrigation.en.alibaba.com>



{ 节水灌溉全产业链集成服务商  
**大禹产品图册**

**DAYU E-catalog**

Water saving irrigation industry chain integration service provider

**2020**



Make the Agricultural Smarter 让农业更智慧

Make the Countryside Better 让农村更美好

Make the Farmer Happier 让农民更幸福

# <<<<<< 关于大禹

## About DAYU

大禹节水是国家级重点高新技术企业，发源于中国飞天之都酒泉，毗邻世界文化名城敦煌，是一家专注于全球农业、农村、水资源问题，具有涉农涉水项目的规划、投融资、工程勘测设计、施工建造、运营管理、综合服务等资质和能力的综合企业集团。发展至今已成为集农业节水灌溉、污水处理、水利信息化、智慧水务、河道治理、水生态修复、园林景观、设施农业、生态农业、农业种植、田园综合体等领域项目规划、投融资方案、工程设计、施工、管理、服务为一体的专业化系统方案解决商。现辖天津、酒泉、新疆、内蒙古、云南、广西等14家基地及大禹研究院、大禹资本、大禹工程、大禹设计、大禹智慧水务、大禹智造、大禹环保、大禹农业8大板块及300多家营销服务分支机构，从业人员2000多人。

Dayu is a national key high-tech enterprise, originated in China's flying capital Jiuquan, adjacent to the world cultural city Dunhuang, the company focuses on the global agriculture, rural areas, water resources issues, with integrated qualifications and capabilities such as project planning, investment and financing, engineering survey design, construction, operation management, and comprehensive services for agriculture-related and water-related issues. It has become a specialized system solution provider for project planning, investment and financing plan, engineering design, construction, management, and service in such fields as agricultural water-saving irrigation, sewage treatment, water conservancy information, smart water, river governance, water ecological restoration, landscape, facilities agriculture, ecological agriculture, agricultural planting and pastoral complex. It has over 14 bases in Tianjin, Jiuquan, Xinjiang, Inner Mongolia, Yunnan and Guangxi, , as well as eight major sections --- Dayu Research Institute, Dayu Capital Group, Dayu Engineering Group, Dayu Design Group, Dayu Smart Water, and Dayu manufacturing, Dayu environmental protection, and Dayu agriculture and more than 300 marketing service branches. There are more than 2,000 employees.

让农业更智慧

Make the Agricultural Smarter

让农村更美好

Make the Countryside better

让农民更幸福

Make the Farmer Happier



### 大禹智造

大禹智造作为大禹节水最基础的部分，主营生产滴灌管（带）、喷灌设备、过滤设备、施肥设备、输配水管材及管配件等9大类30多个系列近1500个品种的节水灌溉产品。年产滴灌管（带）50亿米、管材20万吨、管配件1000吨、施肥过滤及自控系统2万台（套）、喷灌机1000台（套）的生产能力。产品（成套装备及解决方案）辐射中国数千万亩节水农田，远销泰国、南非、贝宁、尼日利亚、厄瓜多尔等30多个国家和地区。

### DAYU manufacturing

As the most basic part of Dayu Irrigation Group, Dayu manufacturing is engaged in the production of water-saving irrigation products of nearly 1500 varieties in more than 30 series of 9 categories, including drip irrigation pipe (tape), sprinkler irrigation equipment, filtration equipment, fertilization equipment, water transmission and distribution pipe materials and pipe fittings. The annual output of drip irrigation pipes (tape) is 5 billion meters, 200000 tons of pipe materials, 1000 tons of pipe fittings, 20000 sets of fertilization, filtration and automatic control systems, and 1000 sets of sprinkler irrigation machines. The products (complete sets of equipment and solutions) radiate tens of millions of mu of water-saving farmland in China and are exported to more than 30 countries and regions such as Thailand, South Africa, Benin, Nigeria and Ecuador.

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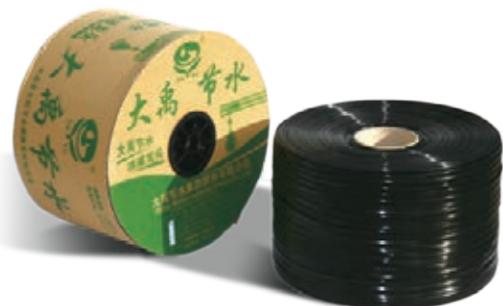


# 滴灌带（管）

IRRIGATION DRIPLINES

INTERNAL INLAY  
DRIPLINES

## 内镶贴片式滴灌带（管）



新一代滴灌产品，由内镶圆柱式滴灌带发展而来，是一种经济微灌产品，适应了精确农业和SDI发展的要求。

It is a new generation of drip irrigation products, developed from the driplines with the cylindrical dripper inside. It is an economical micro-irrigation product, adapting to the developing requirements of precise agriculture and SDI.

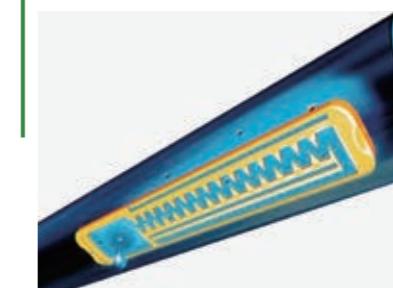
全新原料

Brand new raw materials



高精工艺

High precision process



质量保证

Quality assurance

**PICC**

中国人民保险

由中国人民财产保险股份有限公司承保  
Insured by PICC

### 技术参数

TECHNICAL PARAMETERS

Product ID 产品编码: ID161810RN等

Thickness 壁厚 (mm): 0.16 0.18 0.2 0.3 0.4 0.6 0.8 1.0mm等

Dripper Spacing 滴头间距(mm): 100 150 200 250 300 400 500mm等

Dripper Flowrate 滴头流量 (L/h) : 1.38L/h 2L/h 3L/h

Pressure 压力: 0.1Mpa

Filtration 过滤要求: 120 mesh 120目过滤

Suitable 使用范围: For use in sowing in strip crops, modern greenhouse, fruit trees, and windbreak. 适用于条播作物、现代温室、果树和防风林。

Package 包装: 滴灌带 (800-2000m/roll) ; 滴灌管 (300-500m/roll)

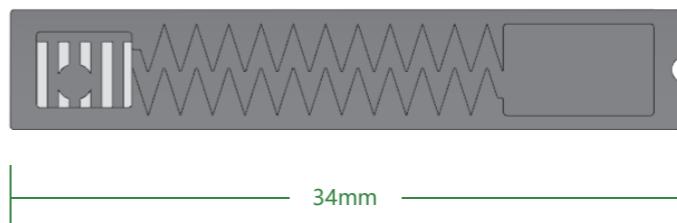
Technical Standard 技术标准: 符合国标GB/T19812.3-2017

Diameter 直径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	Dripper Spacing 滴头间距 (mm)	Nominal Flowrate 额定流量 (L/h)	Package 包装
12	0.15	0.1	100	1.38	300
	0.16		150		400
	0.18		200		500
	0.20		250		800
	0.30		300		1000
	0.40		400		1500
	0.60		500		1800
	0.80				2000
	1.0				
	1.2				

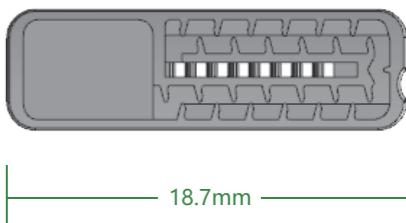
\* 其它非常规规格内镶嵌片式滴灌带需定制，请联系 international@dyjs.com

\* Other unconventional specifications of inlaid drip irrigation tape need to be customized  
please contact international@dyjs.com

Exponent 流态指数	Flow Rate Variation 流量变化率	Dripper Flowrate 滴头流量 (L/h)	Dripper Spacing 滴头间距(mm)/Length Run 铺设长度(m)						
			100	150	200	250	300	400	500
0.47	7%	1.38	44	57	68	79	89	107	124
		2	35	56	55	63	71	85	97
		3	28	36	43	49	55	66	75



常规滴头  
Conventional dripper



轻量化滴头  
Lightweight dripper

## 产品特点

Product characteristics

- 质量性能稳定、流量均匀  
Stable performance, uniform flow
- 优越的抗老化性能和耐环境应力开裂性能  
Superior aging resistance and environmental stress cracking resistance
- 壁厚、间距多样，满足客户1-3个生长季的需求  
The wall thickness and spacing are various to meet the needs of customers in 1-3 growing seasons
- 可以在每个种植季节开端铺开和结束的时候回收  
It can be recycled at the beginning and end of each planting season
- 宽大的过滤窗保证了滴头流量均匀且不易堵塞  
The wide filter window ensures that the flow of the dripper is uniform and not easy to block
- 适用于条播作物、现代温室、果树和防风林  
It is suitable for drill crops, modern greenhouses, fruit trees and windbreaks



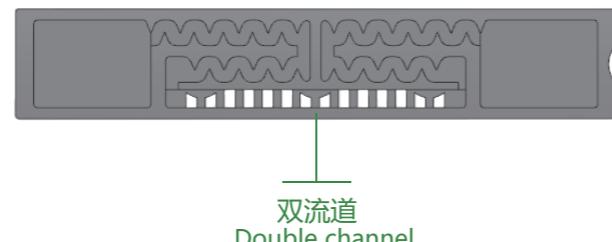
## DOUBLE HOLE DRIPLINES

## 双孔滴灌带

### 产品特点

Product characteristics

- 采用双通道双出水孔滴头的薄壁滴灌带  
Thin wall drip irrigation tape with double channel and double outlet dripper
- 灌溉速度快，且流量均匀，有效增加地表的灌溉面积  
The irrigation speed is fast and the flow is uniform, which can effectively increase the surface irrigation area
- 双孔出水极大的提高了滴灌带的抗堵塞能力，同时满足育苗期到成熟期对流量的不同需求  
The double hole effluent greatly improves the anti clogging ability of drip irrigation tape, and meets the different flow requirements from seedling stage to mature stage



双通道  
Double channel

Diameter 直径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	Dripper Spacing 滴头间距 (mm)	Nominal Flowrate 额定流量 (L/h)	Package 包装
16	0.18 0.20 0.30 0.40	0.1	100	800	
			150	1000	
			200	1500	
			250 300 400 500	1800	
				5 (2.3+2.7)	

\* 其它非常规规格单翼迷宫式滴灌带需定制，请联系 [international@dyjs.com](mailto:international@dyjs.com)

\* Other unconventional single wing labyrinth drip irrigation tape need to be customized  
please contact [international@dyjs.com](mailto:international@dyjs.com)

Exponent 流态指数	Flow Rate Variation 流量变化率	Dripper Flowrate 滴头流量 (L/h)	Dripper Spacing 滴头间距(mm)/Length Run 铺设长度(m)						
			100	150	200	250	300	400	500
0.5	7%	2.3	31	40	48	56	63	75	87
		2.7	28	36	44	50	57	68	78
		5	19	24	29	34	38	46	53

## 技术参数

### TECHNICAL PARAMETERS

Product ID 产品编码: SD1618203ST 等

Thickness 壁厚 (mm): 0.18 0.2mm 等

Dripper spacing 滴头间距 (mm): 200 300 500mm 等

Dripper Flowrate 滴头流量 (L/h) : 1.8L/h 2.4L/h 3L/h

Pressure 压力: 0.1Mpa

Filtration 过滤要求: 120 mesh 120目过滤

Suitable 使用范围: Suitable for field crops, shallow root crops, leaves flourishing crops.

适用于条播作物、浅耕作物、叶系发达作物

Lateral Length 铺设长度: 48-78m

Technical Standard 技术标准: 符合国标GB/T19812.3-2017



迷宫流道及滴孔一次真空整体热压成型、粘合性好，制造精度高

Labyrinth channel and drip hole are formed by one-step vacuum integral hot pressing, with good adhesion and high manufacturing accuracy



Diameter 直径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	Dripper Spacing 滴头间距 (mm)	Nominal Flowrate 额定流量 (L/h)	Package 包装
16	0.18 0.20	0.1	200	1.8	1800 2000
			300	2.4	
			500	3	

\* 其它非常规规格单翼迷宫式滴灌带需定制，请联系 [international@dyjs.com](mailto:international@dyjs.com)

\* Other unconventional single wing labyrinth drip irrigation tape need to be customized  
please contact [international@dyjs.com](mailto:international@dyjs.com)



## BURIED DRIPLINES 地埋滴灌管

### 技术参数 TECHNICAL PARAMETERS

Product ID 产品编码: BD1640303BW等

Thickness 壁厚 (mm): 0.4 0.6 0.8mm等

Dripper Spacing 滴头间距(mm): 300 400 500mm等

Dripper Flowrate 滴头流量 (L/h) : 1.2L/h

Pressure 压力: 0.1Mpa

Filtration 过滤要求: 120 mesh 120目过滤

Suitable 使用范围: Suitable for field crops,root flourishing crops,no-tillage crops, greenhouse crops, fruits trees and forest. 适用于条播根系发达作物、免耕作物、温室、果树、林带

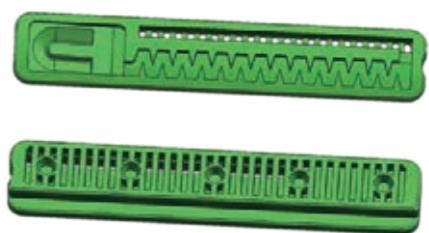
Technical Standard 技术标准: 符合国标GB/T19812.5-2018



### 产品特点

Product characteristics

- 采用舌型滴孔, 有效防虹吸堵塞  
Tongue shaped drip hole is adopted to effectively prevent siphon blockage
- 较高目数的过滤孔, 可有效防止滴头流道堵塞  
The high mesh number of filter holes can effectively prevent the flow channel blockage of the emitter
- 优良的内流场, 有效提高自清洗机制  
Excellent internal flow field, effectively improve the self-cleaning mechanism



直径 (mm)	壁厚 (mm)	压力 (Mpa)	Spacing 滴头间距 (mm)	Flowrate 额定流量 (L/h)	Package 包装
16	0.40	0.1	300	1.2	400 800
	0.60		400		
	0.80		500		

\* 其它非常规规格地埋滴灌带需定制, 请联系 international@dyjs.com

\* Other unconventional buried drip irrigation tape need to be customized  
please contact international@dyjs.com

## PRESSURE COMPENSATING DRIPLINES

# 压力补偿式滴灌管



## 技术参数 TECHNICAL PARAMETERS



Product ID 产品编码: PD1640303PF等

Dripper Flowrate 滴头流量 (L/h) : 0.8L/h 1.2L/h 1.6L/h 2.1L/h 3.4L/h

Pressure 压力: 0.8-3.5Mpa

Filtration 过滤要求: 120 mesh 120目过滤

Suitable 使用范围: Suitable for steep hills and rolling hills. 适用于陡坡、起伏山地

Technical Standard 技术标准: 符合国标GB/T19812.5-2017

## 产品特点 Product characteristics

### Product characteristics

- 工作压力范围大, 适用于多种地形  
Wide working pressure range, suitable for a variety of terrain
- 严苛条件下具有优质的现场性能表现  
Excellent field performance under severe conditions
- 均衡流速的高性价比扁平PC滴头  
Flat PC dripper with balanced flow rate and high cost performance

- 迷宫内水道宽 Width of water channel in Labyrinth
- 适用于多种水源 Suitable for various water sources
- 在严苛的现场条件和化学应用中仍经久耐用  
Durable in harsh field conditions and chemical applications

Diameter 直径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	Dripper Spacing 滴头间距 (mm)	Nominal Flowrate 额定流量 (L/h)	Package 包装
16	0.40	0.08-0.35	200	0.8	300
	0.60		300	1.2	
	0.80		400	1.6	
	1.0		500	2.1	
			600	3.4	
			1000		

\* 其它非常规规格压力补偿式滴灌带需定制, 请联系 international@dyjs.com

\* Other unconventional pressure compensating drip irrigation tape need to be customized, please contact international@dyjs.com

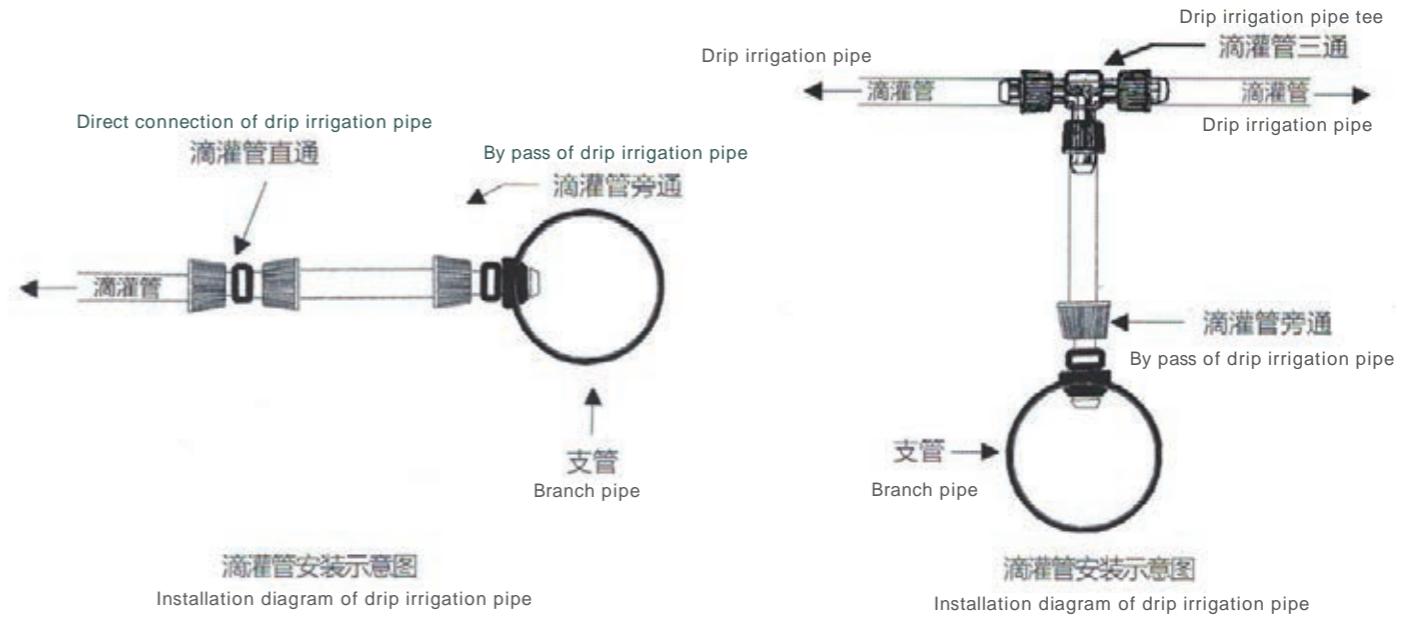
Exponent 流态指数	Flow Rate Variation 流量变化率	Dripper Flowrate 滴头流量 (L/h)	Dripper Spacing 滴头间距(mm)/Length Run 铺设长度(m)					
			200	300	400	500	600	1000
0.08	7%	0.8	214	286	349	406	458	642
		1.2	171	228	279	325	367	515
		1.6	142	189	232	270	305	429
		2.1	119	159	194	227	256	360
		3.4	87	116	142	166	188	265

# 滴灌配件

## DRIP ACCESSORIES



Contact: international@dyjs.com



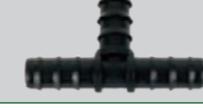
Product Name 产品名称	Specification 规格	Picture 图片	Application 用途
拉环旁通 Pull ring bypass	Φ16		连接主管道与滴灌带 Connect the main pipeline to the drip tape
拉环直接 Pull ring direct	Φ16		用于连接和修复滴灌带 Used to connect and repair drip tape
拉环倒刺直接 Pull ring barbed direct	Φ16		用于连接滴灌带和PE管 Used to connect drip tape and PE pipe
拉环外丝直接 Pull ring outer wire direct	Φ16*1/2"		用于连接滴灌带和内螺纹管件 Used to connect drip tape and internal threaded pipe fittings
拉环堵头 Pull ring plug	Φ16		用于滴灌带末端密封 For sealing the end of drip tape
工型胶圈 I-shaped rubber ring	Φ16 Φ20		用于管件与主管连接处, 防滴漏 Used at the connection between pipe fittings and main pipe, anti-drip
T型胶圈 T type rubber ring	Φ16 Φ20		用于管件与主管连接处, 防滴漏 Used at the connection between pipe fittings and main pipe, anti-drip

Product Name 产品名称	Specification 规格	Picture 图片	Application 用途
锁扣旁通 Lock bypass	Φ16		连接主管道与滴灌带 Connect the main pipeline to the drip tape
锁扣直接 Direct lock	Φ16		用于连接和修复滴灌带 Used to connect and repair drip tape
锁扣倒刺直接 Lock barb directly	Φ16		用于连接滴灌带和PE管 Used to connect drip tape and PE pipe
锁扣外丝直接 Outer wire of lock	Φ16*1/2" Φ16*3/4"		用于连接滴灌带和内螺纹管件 Used to connect drip tape and internal threaded pipe fittings
锁扣鳄鱼式旁通 Lock alligator bypass	Φ16		用于连接滴灌带和软带 Used to connect drip tape and soft tape
锁扣弯头 Lock elbow	Φ16		用于连接滴灌带 Used to connect drip tape
锁扣倒刺三通 Lock barbed tee	Φ16		用于连接滴灌带和PE管 Used to connect drip tape and PE pipe
倒刺锁扣三通 Barbed lock tee	Φ16		用于连接滴灌带和PE管 Used to connect drip tape and PE pipe
锁扣三通 Lock Tee	Φ16		用于连接滴灌带, 实现分水功能 Used to connect drip irrigation tape to realize water distribution function
锁扣外丝三通 Lock Outer Wire Tee	Φ16		用于连接滴灌带和内螺纹管件 Used to connect drip tape and internal threaded pipe fittings
锁扣鳄鱼式三通 Lock crocodile tee	Φ16		用于连接滴灌带和软带 Used to connect drip irrigation belt and soft belt
锁扣堵头 Lock plug	Φ16		用于滴灌带末端密封 Used for sealing the end of drip irrigation belt

Product Name 产品名称	Specification 规格	Picture 图片	Application 用途
带用旁通阀门 With bypass valve	Φ16		连接主管道与滴灌带 Connect the main pipeline to the drip tape
带用旁通阀门(带胶圈) Bypass valve with rubber ring	Φ16		连接主管道与滴灌带 Connect the main pipe to the drip irrigation belt
锁扣旁通阀门 Latch bypass valve	Φ16		连接主管道与滴灌带 Connect the main pipe to the drip irrigation belt
承插带用阀门 Valve for Bell and spigot	Φ16		用于连接PE管和滴灌带 Used to connect PE pipe and drip irrigation belt
多功能阀门 Multi function valve	Φ16		用于连接PE管 For connecting PE pipe
多功能阀门(带胶圈) Multi function valve (with rubber ring)	Φ16		用于连接PE管 For connecting PE pipe
外螺纹带用阀门 Valve with external thread	Φ16		用于滴灌带和内螺纹管件 Used for drip irrigation tape and internal thread pipe fittings
双边带用锁扣阀门 Double side belt lock valve	Φ16		用于连接滴灌带 For connecting drip tape
锁扣鳄鱼式旁通阀门 Lock alligator bypass valve	Φ16		用于连接滴灌带和软带 Used to connect drip irrigation belt and soft belt
倒刺旁通阀门 Barbed bypass valve	Φ16		用于连接滴灌管和主管道 Used to connect drip irrigation pipe and main pipe
倒刺阀门 Barbed valve	Φ16		用于连接滴灌管、PE管 Used for connecting drip irrigation pipe and PE pipe
外丝阀门 External wire valve	Φ16		用于连接内螺纹管件 For connecting internal thread pipe fittings

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Product Name 产品名称	Specification 规格	Picture 图片	Application 用途
倒刺旁通 Barbed bypass	Φ16 Φ20		用于连接主管道与PE管 Used to connect the main pipe and PE pipe
倒刺旁通三通 Barbed bypass tee	Φ16		用于连接主管道与PE管 Used to connect the main pipe and PE pipe
倒刺直接 Barbed direct	Φ16 Φ20		用于连接和修复PE管 Used to connect and repair PE pipe
倒刺变径 Barb reducing	Φ16*12 Φ20*16		用于连接不同口径PE管 It is used to connect PE pipes with different diameters
倒刺外丝直接 Barbed outer filament	Φ16*1/2" Φ20*1/2"		用于连接PE管和内螺纹管件 Used for connecting PE pipe and internal thread pipe fittings
倒刺弯头 Barbed elbow	Φ16 Φ20		用于PE管的转弯角 Turning angle for PE pipe
倒刺外丝弯头 Barbed wire elbow	Φ16*1/2"		用于连接PE管和内螺纹管件 Used for connecting PE pipe and internal thread pipe fittings
倒刺三通 Barbed tee	Φ16 Φ20		用于PE管分支 For PE pipe branch
8字堵头 8-shaped plug	Φ16 Φ20		用于滴灌管末端密封 Used to seal the end of drip irrigation pipe
倒刺堵头 Barbed plug	Φ16 Φ20		用于PE管末端密封, 防止出水 It is used to seal the end of PE pipe to prevent water from flowing out
悬挂固定管夹 Hanging fixed pipe clamp	Φ16		用于悬挂固定滴灌管和PE管 Used for hanging and fixing drip irrigation pipe and PE pipe
涂塑软管启动接头 Plastic coated hose starting joint	3/8" *1/2"		用于涂塑软管启动 It is used to start plastic coated hose

Product Name 产品名称	Specification 规格	Picture 图片	Application 用途
管上式打孔器 Pipe puncher	DN4		PVC毛管上打孔 Drilling on PVC capillary
简易打孔器 Simple puncher	DN3、 DN8		PE主管上打孔插入管上式滴头 PE main pipe is perforated and inserted into pipe dripper
滴头实芯打孔器 Dripper solid core puncher	DN3		PE主管上打孔插入管上式滴头 PE main pipe is perforated and inserted into pipe dripper
握式打孔器 Grip punch	DN3		用于16/20PE管上打孔 For drilling 16 / 20pe pipe
涂塑软管打孔器 Plastic coated hose puncher	DN15、 DN17		用于软带、喷水带主管上打孔 It is used for drilling the main pipe of soft belt and water spraying belt

Product Name 产品名称	Specification 规格	Picture 图片	Characteristics 特点
普通式压力补偿滴头 Common pressure compensation dripper	2L/h、 3L/h、 4L/h 8L/h、 16L/h		1. 内置迷宫式宽长流道, 全紊流, 自清洗, 抗堵塞性能好 1. Built in labyrinth wide and long channel, full turbulence, self-cleaning, good anti clogging performance
防滴式压力补偿滴头 Anti dripping pressure compensating emitter	2L/h、 3L/h、 4L/h 8L/h、 16L/h		2. 压力补偿范围广, 流量均匀, 可适用于地势起伏较大的坡地或丘陵地带 2. Wide range of pressure compensation and uniform flow, which can be applied to the slope or hilly area with large relief
可拆式压力补偿滴头 Detachable pressure compensation dripper	2L/h、 4L/h 8L/h		3. 制造偏差 CV 小, 确保每个滴头出水量一致 3. The manufacturing deviation CV is small to ensure that the water output of each dripper is consistent
紊流式管上滴头 Turbulent on pipe Dripper	2L/h、 4L/h 8L/h、 16L/h		4. 采用优质塑料生产, 耐化学腐蚀, 抗紫外线, 抗老化 4. high quality plastic production, chemical corrosion resistance, external resistance and anti-aging.



# 管材

PIPE



## PVC PIPE PVC管材



- 01 质量轻，搬运方便，施工强度低  
light weight,easy to transport,easy to install
- 02 流体阻力小  
small fluid resistance
- 03 耐腐蚀性、耐药性佳  
corrosion resistance,drug resistance character
- 04 具有良好的水密性  
with good water tightness
- 05 抗磨损性超强、防咬齿  
Strong anti-wear performance, anti-bite
- 06 使用寿命长  
long service life
- 07 用料环保、对水质无污染  
the use of environmental protection materials,  
no pollution to water quality.

**LOW PRESSURE PVC-U PIPE  
(IRRIGATION)**
**低压灌溉用PVC-U管材**
**技术参数**
**TECHNICAL PARAMETERS**

Product ID产品编码: VI904022K8等

Nominal diameter公称外径: 63mm-630mm

Pressure rating承压等级: 0.2Mpa、0.25Mpa、0.32Mpa、0.4Mpa

Suitable适用范围: Suitable for low pressure water delivery pipe irrigation, drip irrigation, drainage and other projects of the transmission and distribution network. 适用于低压输水管灌、滴灌、喷灌、排水等工程的输配水管网

Applicable temperature适用温度: 0-45°C

Connection mode连接方式: Including the solvent type adhesive and elastic sealing ring type (i.e. flat socket type and R socket type) . 分为溶剂粘接式和弹性密封圈式 (即平直承插口型和 R 承插口型) 两种

Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	米重 kg/m	单位	Package 根长 (m/pcs)
63 250					
75 280					
90 315					
110 355		0.2			
125 400		0.25			
140 450		0.32			
160 500		0.4			
180 560					
200 630					
225					

\* 可根据用户需求定制其它规格长度，请联系 international@dyjs.com

\*Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com

**PVC-U PIPE  
(FOR WATER SUPPLY)**
**给水用PVC-U管材**
**技术参数**
**TECHNICAL PARAMETERS**

Product ID产品编码: VS9636320K8等

Nominal diameter公称外径: 20mm-1000mm

Pressure rating承压等级: 0.63Mpa、0.8Mpa、1.0Mpa、1.25Mpa、1.6Mpa、2.0Mpa、2.5Mpa

Suitable适用范围: Suitable for the construction of the building or outdoor municipal engineering, drinking water projects and general purpose. 适用于建筑物内或室外埋地的市政工程、饮水工程，输送饮用水和一般用途水

Applicable temperature适用温度: 0-45°C

Connection mode连接方式: Including the solvent type adhesive and elastic sealing ring type (i.e. flat socket type and R socket type) . 分为溶剂粘接式和弹性密封圈式 (即平直承插口型和 R 承插口型) 两种

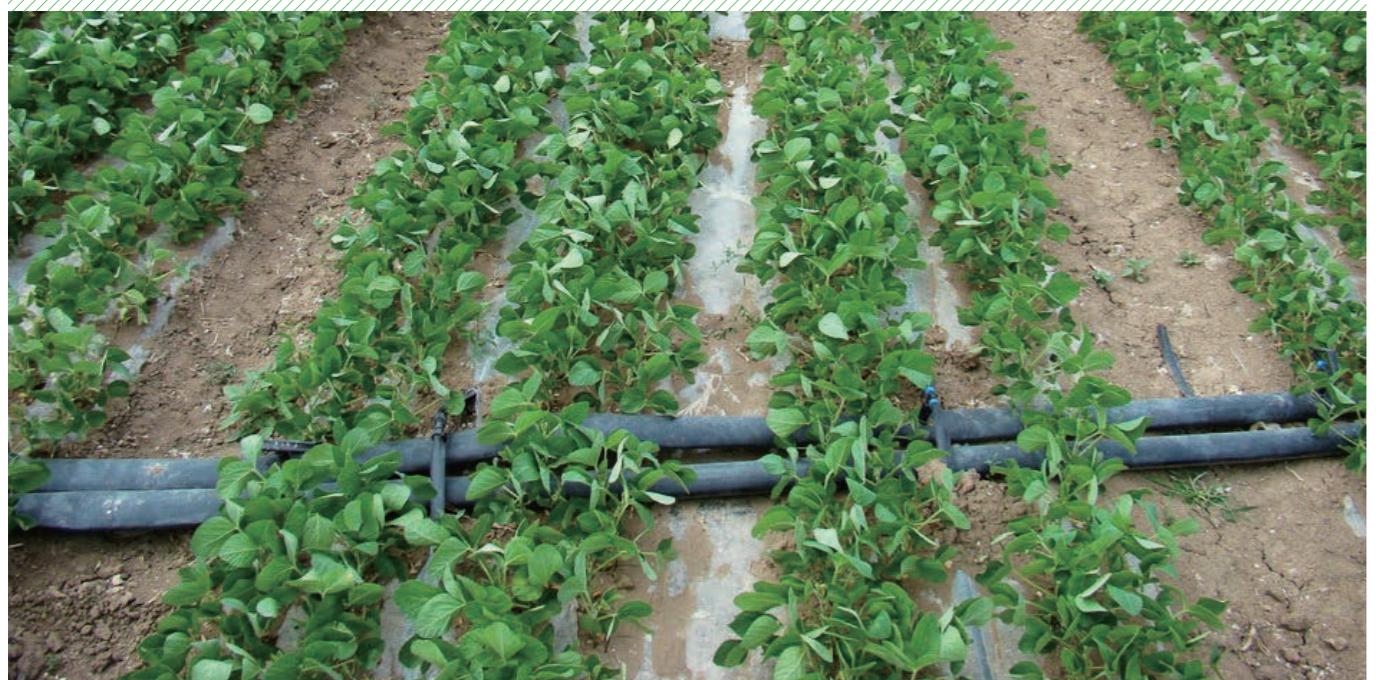
Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	米重 kg/m	单位	Package 根长 (m/pcs)
20 250					
32 280					
40 315					
50 355					
63 400					
75 450					
90 500					
110 560					
125 630					
140 710					
160 800					
180 900					
200 1000					
225					

\* 可根据用户需求定制其它规格长度，请联系 international@dyjs.com

\*Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com

## PE PIPE

## PE管材



## PE管材优势

## ADVANTAGE OF PE TUBE

- 长久的使用寿命
- 卫生性好
- 可耐多种化学介质的腐蚀（不包括电化学腐蚀）
- 内壁光滑，摩擦系数极低，介质的通过能力相应提高并具有优异的耐磨性能
- 柔韧性好，抗冲击强度高，耐强震、扭曲
- 重量轻，运输、安装便捷
- 独特的电熔连接和热熔对接、热熔承插连接技术使接口强度高于管材本体，保证了接口的安全可靠
- 水流阻力小

1. long service life
2. good health
3. can withstand a variety of chemical corrosion medium(electrochemical corrosion excepted)
4. the inner wall is smooth, the friction coefficient is very low, the medium through the ability to improve and have excellent wear resistance
5. good flexibility, high impact strength, resistance to strong earthquakes, distortion
6. light weight, transportation, installation convenient
7. unique electric melting connection and hot melt docking, hot melt socket connection technology so that the interface strength and pipe body, ensure the safe and reliable interface
8. the flow resistance is small

## 技术参数

## TECHNICAL PARAMETERS

Product ID 产品编码: EI042502KK等

Nominal diameter 公称外径: 12mm-110mm

Pressure rating 承压等级: 0.25Mpa、0.4Mpa、0.6Mpa

**Suitable 适用范围:** Medium and high pressure irrigation pipes used for underground parts of main pipes such as pipe irrigation, micro-sprinkler irrigation; low-pressure irrigation pipes can be applied for branch pipes of pipe irrigation, sprinkler irrigation, drip irrigation systes. 中高压灌溉用管材用于管灌、微喷灌等主管道的地下部分；低压灌溉用管材用于管灌、喷灌、滴灌系统分支管道部分。

Applicable temperature 适用温度: 0-45°C

**Connection mode 连接方式:** It is mainly connected by quick connection. 主要使用快捷连接的方式连接。



Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	米重 kg/m	单位	Package 卷长 (m/coil)
12					
16					
20					
32		0.25			
40					
50	0.6-10	0.4	0.023-3.22	卷/Coil	50-500
63		0.6			
75					
90					
110					

\* 可根据用户需求定制其它规格长度，请联系 international@dyjs.com

\* Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com

**PE HOSE  
(FOR IRRIGATION)**  
**PE输水软带**

**技术参数**  
TECHNICAL PARAMETERS

Product ID产品编码: EW321505KH等

Nominal diameter公称外径: 32mm-160mm

Pressure rating承压等级: 0.15Mpa、0.25Mpa

Suitable适用范围: Applicable for low pressure delivery of irrigation water. 适用于低压输送灌溉用水。

Applicable temperature适用温度: 0-45°C

Connection mode连接方式: Clamp connection is mainly used. 主要使用卡箍连接。



**产品特点**

Product characteristics

比较长的使用寿命，可循环使用

内壁光滑，具有优异的耐磨性能

压力小，适用于低压输送灌溉用水

可耐多种化学介质的腐蚀；无电化学腐蚀

柔韧性好，抗冲击强度相对较高，耐强震、扭曲

重量轻，卷盘式包装，运输、安装便捷

Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	米重 kg/m	单位	Package 卷长 (m/coil)
32 90					
40 110					
50 125	0.5-2.7	0.15 0.25	0.052-1.302	卷/Coil	40-100
63 140					
75 160					

\* 可根据用户需求定制其它规格长度，请联系 international@dyjs.com

\*Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com

**PE PIPE CLASS 80/100  
(FOR WATER SUPPLY)**  
**给水用PE80/100级管材**

**技术参数**  
TECHNICAL PARAMETERS

Product ID产品编码: E8201M15KW、E1201M15KW等

Nominal diameter公称外径: 16mm-630mm

Pressure rating承压等级: 0.32Mpa、0.4Mpa、0.5Mpa、0.6Mpa、0.8Mpa、1.0Mpa、1.25Mpa、1.6Mpa、2.0Mpa

Suitable适用范围: General-purpose buried water supply, pressurized water delivery and drinking water transportation. 一般用途的埋地给水、压力输水及饮用水的输送。

Applicable temperature适用温度: 0-40°C

Connection mode连接方式: It is mainly connected by hot-melt bonding. 主要使用热熔粘接的方式连接。

Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Pressure 压力 (Mpa)	米重 kg/m	单位	Package 根长/卷长 (m/pcs m/coil)
16 180					
20 200					
32 225					
40 250					
50 280					
63 315					
75 355					
90 400					
110 450					
125 500					
140 560					
160 630					

\* 可根据用户需求定制其它规格长度，请联系 international@dyjs.com

\*Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com



## 技术参数 TECHNICAL PARAMETERS

Product ID 产品编码: DE2H6315K6等

Nominal diameter 公称外径: 200mm、300mm

Ring Stiffness 环刚度: 8KN/m<sup>2</sup>

Applicable temperature 适用温度: -60°C-40°C

Connection mode 连接方式: Mainly use elastic seals to connect. 主要使用弹性密封圈的方式连接

Nominal Diameter 公称外径 (mm)	Thickness 壁厚 (mm)	Ring Stiffness 环刚度 (KN/m <sup>2</sup> )	米重 kg/m	单位	Package 根长 (m/pcs)
200	1.5-2.0	8	1.8-21.7	根/pcs	6
300					

\* 可根据用户需求定制其它规格长度 , 请联系 international@dyjs.com

\*Other specifications and lengths can be customized according to user requirements. Please contact international@dyjs.com



## PE DOUBLE-WALL CORRUGATED PIPE PE双壁波纹管

## 应用范围

### Application Range

- 市政工程、建筑埋地排水、排污管道  
Municipal Engineering, building underground drainage, sewage pipeline
- 地下邮电通信光纤、电缆护套管  
Protective sleeve for optical fiber and cable of underground post and telecommunication
- 公路、铁路等道路的预埋套管  
Embedded casing for roads and railways
- 化工、矿山流体的输送  
Transportation of chemical and mining fluids



## 产品特点

### Product Characteristics

**环刚度大:** 环形波纹结构, 具有刚柔兼备的优良力学性能  
Ring stiffness: ring corrugated structure, with excellent mechanical properties of both rigid and flexible

**流体阻力小:** 管道内壁光滑, 流体摩擦阻力小, 输流量大  
Small fluid resistance: the inner wall of the pipeline is smooth, the fluid friction resistance is small, and the flow rate is large

**施工简易:** 中空结构, 重量轻, 运输、施工便捷, 施工费用低  
Simple construction: hollow structure, light weight, convenient transportation and construction, low construction cost

**连接密封性好:** 连接方便, 接头密封性好, 长期运行质量可靠, 无泄露  
Good connection sealing: convenient connection, good joint sealing, reliable long-term operation quality, no leakage

**耐腐蚀性优良:** 化学性质稳定, 耐腐蚀, 属环保材质  
Excellent corrosion resistance: stable chemical properties, corrosion resistance, environmental protection materials

**使用寿命长:** 耐低温, 耐磨性好, 埋地使用寿命50年以上  
Long service life: low temperature resistance, good wear resistance, buried service life of more than 50 years



# 管件 PIPE FITTINGS

## PVC PIPE FITTINGS PVC管件

### 产品特点

Product characteristics

- 绝缘性能好
- 阻燃性能好
- 耐腐蚀、防虫害
- 抗压力强
- 施工简便

1. good insulation performance
2. good flame retardant properties
3. corrosion resistance, pest control
4. anti pressure
5. the construction is simple

PVC直接 PVC COUPLING



口径 Diameter	口径 Diameter
20	125
25	140
32	160
40	200
50	225
63	250
75	315
90	355
110	400

\*主要用于相同口径管材之间的连接  
\*It is mainly used for connecting pipes of the same caliber

PVC内丝直接 PVC FEMALE THREAD UNION



口径 Diameter
20
25
32
40
50
63
75
90
110

\*主要用于相同口径管材与螺纹管件之间的连接  
\*It is mainly used for the connection between pipes of the same caliber and threaded pipe fittings

PVC外丝直接 PVC MALE THREAD UNION



口径 Diameter
20
25
32
40
50
63
75
90
110

\*主要用于相同口径管材与螺纹管件之间的连接  
\*It is mainly used for the connection between pipes of the same caliber and threaded pipe fittings

PVC对丝直接 PVC DOUBLE MALE THREAD UNION



口径 Diameter
20
25
32
40
50
63

\*主要用于相同口径螺纹管件之间的连接  
\*It is mainly used for connecting pipes of the same caliber

## PVC变径 PVC REDUCING COUPLING



口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter
25*20	63*20	90*50	140*110	225*125	315*225
32*20	63*25	90*63	160*90	225*160	315*250
32*25	63*32	90*75	160*110	225*200	355*200
40*20	63*40	110*50	160*125	250*110	355*250
40*25	63*50	110*63	160*140	250*160	400*200
40*32	75*32	110*75	200*110	250*200	400*250
50*20	75*40	110*90	200*125	315*110	400*315
50*25	75*50	125*75	200*140	315*125	400*355
50*32	75*63	125*90	200*160	315*160	
50*40	90*40	125*110	225*110	315*200	

\* 主要用于不同口径管材之间的连接

\*It is mainly used for connecting pipes of different diameters

## PVC45°弯头 PVC ELBOW 45°



口径 Diameter	口径 Diameter
20*45°	125*45°
25*45°	140*45°
32*45°	160*45°
40*45°	200*45°
50*45°	225*45°
63*45°	250*45°
75*45°	315*45°
90*45°	355*45°
110*45°	400*45°

\* 主要用于管材弯曲铺设时的连接，45°弯头相对于90°弯头而言，水头压力损失较小

\*It is mainly used for the connection of pipe bending laying. Compared with 90° elbow, 45° elbow has smaller head pressure loss

## PVC正三通 PVC TEE



口径 Diameter	口径 Diameter
20	125
25	140
32	160
40	200
50	225
63	250
75	315
90	355
110	400

\* 主要用于相同口径管材之间的连接，管道分支时使用

\*It is mainly used for the connection between pipes of the same caliber and when the pipes branch

## PVC异径三通 PVC REDUCING TEE



口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter
25*20	63*20	90*50	140*110	225*125	315*225
32*20	63*25	90*63	160*90	225*160	315*250
32*25	63*32	90*75	160*110	225*200	355*200
40*20	63*40	110*50	160*125	250*110	355*250
40*25	63*50	110*63	160*140	250*160	400*200
40*32	75*32	110*75	200*110	250*200	400*250
50*20	75*40	110*90	200*125	315*110	400*315
50*25	75*50	125*75	200*140	315*125	400*355
50*32	75*63	125*90	200*160	315*160	
50*40	90*40	125*110	225*110	315*200	

\* 主要不同口径管材之间的连接，管道分支（主支管道口径不同）时使用

\*It is mainly used for the connection between pipes of different diameters, when the pipe branches (the diameters of main and branch pipes are different)

## PVC活套法兰 PVC LAPPED FLANGE



口径 Diameter	口径 Diameter
50	160
63	200
75	225
90	250
110	315
125	355
140	400

\* 用于管材之间、管材与其他阀门之间的连接

\*It is used for the connection between pipes and other valves

## PVC一体法兰 PVC FLANGE UNIT



口径 Diameter	口径 Diameter
50	125
63	140
75	160
90	200
110	

\* 用于管材之间、管材与其他阀门之间的连接

\*It is used for the connection between pipes and other valves

## PVC45°弯头 PVC ELBOW 45°



口径 Diameter	口径 Diameter
20*45°	125*45°
25*45°	140*45°
32*45°	160*45°
40*45°	200*45°
50*45°	225*45°
63*45°	250*45°
75*45°	315*45°
90*45°	355*45°
110*45°	400*45°

\* 主要用于管材弯曲铺设时的连接，45°弯头相对于90°弯头而言，水头压力损失较小

\*It is mainly used for the connection of pipe bending laying. Compared with 90° elbow, 45° elbow has smaller head pressure loss

## PVC90°弯头 PVC ELBOW 90°



口径 Diameter	口径 Diameter
20*90°	125*90°
25*90°	140*90°
32*90°	160*90°
40*90°	200*90°
50*90°	225*90°
63*90°	250*90°
75*90°	315*90°
90*90°	355*90°
110*90°	400*90°

\* 主要用于管材弯曲铺设时的连接

\*It is mainly used for the connection of pipe bending and laying

## PVC鞍座 PVC WATERSHED SADDLE



口径 Diameter	口径 Diameter
63*3/4"	160*11/2"
63*1"	160*2"
75*3/4"	200*2"
75*1"	200*21/2"
90*1"	200*3"
90*11/2"	250*2"
90*2"	250*21/2"
110*1"	250*3"
110*11/2"	315*2"
110*2"	315*21/2"
125*11/2"	315*3"
125*2"	315*4"

\* 主要用于相同口径管材之间的连接

\*It is mainly used for tight / complementary connection between pipes of the same caliber

## PVC伸缩式抢修节 PVC REPAIR SECTION



口径 Diameter	口径 Diameter
20	90
25	110
32	125
40	140
50	160
63	200
75	

\* 主要用于相同口径管材之间的紧密/补余连接

\*It is mainly used for tight / complementary connection between pipes of the same caliber

## PP QUICK CONNECTION FITTINGS PP快捷管件



PP快捷管件常用在压力高达1.0Mpa的液体和饮用水输送中，也适用于农田灌溉、农业大棚。可防紫外线，耐腐蚀。

PP fast pipe fittings are commonly used in liquid and drinking water transportation with pressure up to 1.0MPa, and also suitable for farmland irrigation and agricultural greenhouse. It is UV resistant and corrosion resistant.

无需热熔的连接方式减少人工和时间成本，真正做到了快速、简单、安全。

No need of hot-melt connection, reduce labor and time costs, truly fast, simple and safe.

**10公斤工作压力** 10kg working pressure

Size 尺寸(mm)	Pressure 压力(Mpa)
20-110	1.0

**温度与工作压力展示表** Display table of temperature and working pressure

Temperature 温度(°C)	-10~25	+26~+35	+36~+45
Pressure 压力 (Mpa)	1.0	0.8	0.6



部件 Component	材料 Material	颜色 Color
Main body 主体 (A)	高强度高耐压力聚丙烯 (PPB)	Black 黑色
Fixed circle 固定圆 (D)	聚丙烯 (PPB)	Black 黑色
Blind nut 螺帽 (B)	耐紫外线高稳定性耐高温性聚丙烯 (PPB)	Green 绿色
Fasteners 紧固件 (C)	聚缩醛树脂 (POM)	White 白色
O-ring O型圈 (E)	丙烯氰橡胶 (NBR)	Black 黑色

### PP快捷直接

PP QUICK COUPLING



### PP快捷变径

PP QUICK REDUCING COUPLING



### PP快捷内丝直接

PP QUICK FEMALE THREAD COUPLING



#### 口径 Diameter

Φ20 Φ25 Φ32 Φ40 Φ50 Φ63 Φ75 Φ90 Φ110

口径 Diameter	Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*20	Φ32*20	Φ32*25	Φ40*20	Φ40*25	
Φ40*32	Φ50*20	Φ50*25	Φ50*32	Φ50*40	
Φ63*20	Φ63*25	Φ63*32	Φ63*40	Φ63*50	
Φ75*50	Φ75*63	Φ90*32	Φ90*50	Φ90*63	
Φ90*75	Φ110*32	Φ110*50	Φ110*63	Φ110*75	
Φ110*90					

PP快捷三通

PP QUICK TEE



口径 Diameter

Φ20 Φ25 Φ32 Φ40 Φ50 Φ63 Φ75 Φ90 Φ110

PP快捷内丝三通

PP QUICK PLUG



口径 Diameter

Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*1"	Φ32*1/2"	Φ32*3/4"	Φ32*1"	Φ32*1 1/4"
Φ40*1"	Φ40*1 1/4"	Φ40*1 1/2"	Φ50*1"	Φ50*1 1/4"
Φ50*1 1/2"	Φ50*2"	Φ63*1 1/4"	Φ63*1 1/2"	Φ63*2"
Φ75*2"	Φ75*2 1/2"	Φ75*3"	Φ90*2 1/2"	Φ90*3"
Φ90*4"	Φ110*3"	Φ110*4"		

PP快捷内丝弯头

PP QUICK FEMALE ELBOW



口径 Diameter

Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*1"	Φ32*1/2"	Φ32*3/4"	Φ32*1"	Φ32*1 1/4"
Φ40*1"	Φ40*1 1/4"	Φ40*1 1/2"	Φ50*1"	Φ50*1 1/4"
Φ50*1 1/2"	Φ50*2"	Φ63*1 1/4"	Φ63*1 1/2"	Φ63*2"
Φ75*2"	Φ75*2 1/2"	Φ75*3"	Φ90*2 1/2"	Φ90*3"
Φ90*4"	Φ110*3"	Φ110*4"		

PP快捷异径三通

PP QUICK REDUCING TEE



口径 Diameter

Φ25*20	Φ32*20	Φ32*25	Φ40*20	Φ40*25
Φ40*32	Φ50*20	Φ50*25	Φ50*32	Φ50*40
Φ63*20	Φ63*25	Φ63*32	Φ63*40	Φ63*50
Φ75*50	Φ75*63	Φ90*32	Φ90*50	Φ90*63
Φ90*75	Φ110*32	Φ110*50	Φ110*63	Φ110*75
Φ110*90				

PP快捷外丝三通

PP QUICK PLUG



口径 Diameter

Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*1"	Φ32*1/2"	Φ32*3/4"	Φ32*1"	Φ32*1 1/4"
Φ40*1"	Φ40*1 1/4"	Φ40*1 1/2"	Φ50*1"	Φ50*1 1/4"
Φ50*1 1/2"	Φ50*2"	Φ63*1 1/4"	Φ63*1 1/2"	Φ63*2"
Φ75*2"	Φ75*2 1/2"	Φ75*3"	Φ90*2 1/2"	Φ90*3"
Φ90*4"	Φ110*3"	Φ110*4"		

PP快捷外丝弯头

PP QUICK MALE ELBOW



口径 Diameter

Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*1"	Φ32*1/2"	Φ32*3/4"	Φ32*1"	Φ32*1 1/4"
Φ40*1"	Φ40*1 1/4"	Φ40*1 1/2"	Φ50*1"	Φ50*1 1/4"
Φ50*1 1/2"	Φ50*2"	Φ63*1 1/4"	Φ63*1 1/2"	Φ63*2"
Φ75*2"	Φ75*2 1/2"	Φ75*3"	Φ90*2 1/2"	Φ90*3"
Φ90*4"	Φ110*3"	Φ110*4"		

PP快捷外丝直接

PP QUICK FEMALE THREAD COUPLING



口径 Diameter

Φ20*1/2"	Φ20*3/4"	Φ20*1"	Φ25*1/2"	Φ25*3/4"
Φ25*1"	Φ32*1/2"	Φ32*3/4"	Φ32*1"	Φ32*1 1/4"
Φ40*1"	Φ40*1 1/4"	Φ40*1 1/2"	Φ50*1"	Φ50*1 1/4"
Φ50*1 1/2"	Φ50*2"	Φ63*1 1/4"	Φ63*1 1/2"	Φ63*2"
Φ75*2"	Φ75*2 1/2"	Φ75*3"	Φ90*2 1/2"	Φ90*3"
Φ90*4"	Φ110*3"	Φ110*4"		

PP快捷堵头

PP QUICK PLUG



PP快捷弯头

PP QUICK ELBOW



口径 Diameter

Φ20	Φ25	Φ32	Φ40	Φ50	Φ63	Φ75	Φ90	Φ110
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## PE HOT MELT FITTINGS

## PE热熔管件

- 一次性注塑成型，生产工艺精良
- 耐腐蚀、耐酸碱，使用寿命长
- 连接方便，缩短工期，采用热熔焊接
- 质量轻，运输方便
- 内壁光滑，阻力小

1. one-time injection molding, excellent production process
2. corrosion, acid and alkali resistance, long service life
3. convenient connection, shorten the time limit for a project
4. light weight, convenient transportation
5. smooth inner wall, small resistance

PE热熔对接变径 PE HOT MELT BUTT REDUCING COUPLING



| 口径 Diameter |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 75*40       | 110*63      | 140*75      | 160*140     | 225*160     | 315*200     |
| 75*50       | 110*75      | 140*90      | 200*63      | 225*200     | 315*250     |
| 75*63       | 110*90      | 140*110     | 200*75      | 250*75      | 400*110     |
| 90*40       | 125*50      | 140*125     | 200*90      | 250*90      | 400*160     |
| 90*50       | 125*63      | 160*63      | 200*110     | 250*110     | 400*200     |
| 90*63       | 125*75      | 160*75      | 200*125     | 250*160     | 400*250     |
| 90*75       | 125*90      | 160*90      | 200*140     | 250*200     | 400*315     |
| 110*40      | 125*110     | 160*110     | 200*160     | 315*110     |             |
| 110*50      | 140*63      | 160*125     | 225*110     | 315*160     |             |

\* 用于不同口径管材之间的连接  
\*It is used for connecting pipes of different diameters

PE热熔对接45°弯头 PE HOT MELT BUTT 45° ELBOW



口径 Diameter	口径 Diameter
75*45°	200*45°
90*45°	225*45°
110*45°	250*45°
125*45°	315*45°
140*45°	400*45°
160*45°	

\* 用于管材弯曲铺设时的连接，45°弯头相对于90°弯头而言，水头压力损失较小  
\*Compared with 90° elbow, 45° elbow has less head pressure loss

PE热熔对接90°弯头 PE HOT MELT BUTT 90° ELBOW



口径 Diameter	口径 Diameter
63*90°	160*90°
75*90°	200*90°
90*90°	225*90°
110*90°	250*90°
125*90°	315*90°
140*90°	400*90°

\* 用于管材弯曲铺设时的连接  
\*It is used for the connection of pipe bending and laying

PE热熔对接正三通 PE HOT MELT BUTT TEE



口径 Diameter	口径 Diameter
63	160
75	200
90	225
110	250
125	315
140	400

\* 用于相同口径管材之间的连接，管道分支时使用  
\*It is used for the connection between pipes of the same caliber and for the branch of pipes

PE热熔对接正四通 PE HOT MELT BUTT 4WAYS TEE



口径 Diameter	口径 Diameter
63	160
75	200
90	225
110	250
125	315
140	400

\* 用于相同口径管材之间的连接，管道分支时使用  
\*It is used for the connection between pipes of the same caliber and for the branch of pipes

## PE热熔对接异径三通 PE HOT MELT REDUCING BUTT TEE



口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter	口径 Diameter
63*50	110*40	125*63	160*90	200*160	315*110
75*32	110*50	140*63	160*110	225*110	315*160
75*40	110*63	140*75	160*125	225*160	315*200
75*50	110*75	140*90	200*63	225*200	315*250
75*63	110*90	140*110	200*75	250*90	400*110
90*40	125*50	140*125	200*90	250*110	
90*50	125*63	160*50	200*110	250*160	
90*63	125*75	160*63	200*125	250*200	
90*75	125*90	160*75	200*140	315*90	

\* 用于不同口径管材之间的连接

\*It is used for connecting pipes of different diameters

## PE热熔内丝直接 PE HOT MELT FEMALE THREADED COUPLING



口径 Diameter	口径 Diameter
20	63
25	75
32	90
40	110
50	

\* 不同口径管材与螺纹管件之间的连接

\*Connection between pipes with different diameters and threaded pipe fittings

## PE热熔外丝直接 PE HOT MELT MALE THREADED COUPLING



口径 Diameter	口径 Diameter
20	63
25	75
32	90
40	110
50	

\* 不同口径管材与螺纹管件之间的连接

\*Connection between pipes with different diameters and threaded pipe fittings

## PE热熔对接法兰接头 PE HOT MELT FLANGE UNIT



口径 Diameter	口径 Diameter
63	225
75	250
90	315
110	350
125	400
140	450
160	500
180	630
200	800

\* 用于管材之间、管材与其他阀门之间的连接

\*It is used for the connection between pipes and other valves

## PE热熔承插堵头 PE HOT MELT END



口径 Diameter	口径 Diameter
20	63
25	75
32	90
40	110
50	

\* 用于PE管材末端的封堵

\*Used for plugging the end of PE pipe

## PE热熔承插直接 PE HOT MELT COUPLING



口径 Diameter	口径 Diameter
20	63
25	75
32	90
40	110
50	

\* 用于相同口径管材之间的连接

\*It is used to connect pipes of the same caliber

## PE热熔承插球阀 PE HOT MELT BALL VALVE



口径 Diameter	口径 Diameter
20	63
25	75
32	90
40	110
50	

\* 用于PE给水管间开关连接

\*Switch connection between PE water supply pipes

- 结构简单，使用方便
- 连接牢固，可以二次装卸
- 内壁光滑，流体阻力小
- 耐腐蚀，强度高

1. Simple structure and easy to use

2. The connection is firm and can be unloaded twice

3. Smooth inner wall and low fluid resistance

4. Corrosion resistance and high strength

## PE LAYFLAT HOSE FITTINGS

## PE软带管件

## PE软带用直接 PE SOFT COUPLING



口径 Diameter	口径 Diameter
32	75
40	90
50	110
63	

\* 用于相同口径软带之间的连接

\*It is used to connect the same caliber soft belt

## PE软带用弯头 PE LAYFLAT ELBOW



口径 Diameter	口径 Diameter
32*90°	75*90°
40*90°	90*90°
50*90°	110*90°
63*90°	

\* 用于软带弯曲铺设时的连接

\*It is used for the connection of flexible tape bending and laying

## PE软带用正三通 PE LAYFLAT TEE



口径 Diameter	口径 Diameter
32	75
40	90
50	110
63	

\* 主要用于相同口径软带之间的连接，管道分支时使用

\*It is mainly used for the connection between soft belts of the same caliber and when the pipeline branches

## PE软带用外丝直接 PE MALE THREAD COUPLING



口径 Diameter	口径 Diameter
32	75
40	90
50	110
63	

\*主要用于相同口径软带与螺纹管件之间的连接

\*It is mainly used for the connection between the same caliber soft belt and threaded pipe fittings

## PE软带用内丝直接 PE FEMALE THREAD COUPLING



口径 Diameter	口径 Diameter
32	75
40	90
50	110
63	

\*主要用于相同口径软带与螺纹管件之间的连接

\*It is mainly used for the connection between the same caliber soft belt and threaded pipe fittings



# 过滤施肥设备

## FILTER & FERTILIZER

### GRAVEL FILTER 砂石过滤器



上部手孔  
Upper handhole



内部滤帽  
Internal cap



中部手孔封盖  
Middle handhole cover



砂石过滤器利用一定厚度的砂滤床，滤去原水中有机物和无机物固体悬浮物；结构简单，技术成熟，性价比高，应用领域广泛。

Sand and stone filter uses a certain thickness of sand filter bed to filter organic and inorganic suspended solids in raw water; it has simple structure, mature technology, high cost performance and wide application fields.

砂石过滤器过滤系统可由一个或多个标准的高速过滤单元组成，原水通过内部布水器、滤层及集水器，利用滤层介质，有效去除悬浮物，降低浊度。（若装入特定的滤料，如活性炭、无烟煤等，还可吸附去除相应的有机物及有害离子。）

The sand filter filtration system can be composed of one or more standard high-speed filtration units. The raw water passes through the internal water distributor, filter layer and water collector, and the filter layer medium is used to effectively remove suspended solids and reduce turbidity. (if loaded with specific filter media, such as activated carbon, anthracite, etc., it can also adsorb and remove the corresponding organic matter and harmful ions.)

砂石过滤器过滤单元从16"(400mm)至60" (1500mm)多种标准系列；还可根据客户的要求，提供非标系列，为客户最为经济实用的组合方式。

Sand and stone filter unit from 16 "(400mm) to 60" (1500mm) a variety of standard series; also according to customer requirements, provide non-standard series, the most economical and practical combination for customers.

砂石过滤器可以作为独立的过滤系统，也可作为旁滤系统，如果多个处理单元安装在公

用管道上，这样可以无限扩充系统的过滤能力。

The sand filter can be used as an independent filtration system or as a side filtration system. If multiple processing units are installed on the public pipeline,

the filtration capacity of the system can be expanded infinitely.

砂石过滤器可以在大流量小压损情况下，长期稳定工作，节能环保，基本免维护。

The sand filter can work stably for a long time under the condition of large flow and small pressure loss, energy saving and environmental protection, and basically maintenance-free.

## 过滤单元的结构及特点 THE STRUCTURE AND CHARACTERISTICS OF FILTRATION UNIT

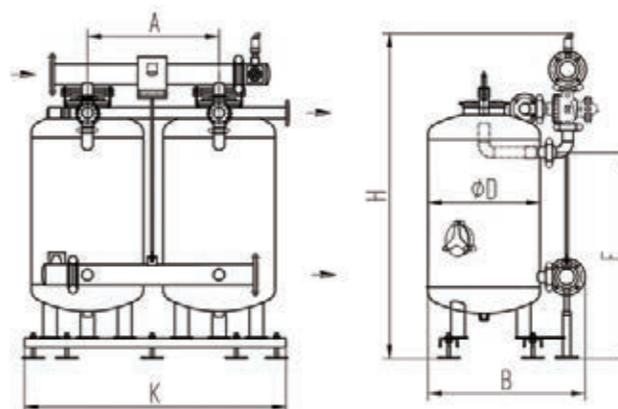


- ✓ 快开式手孔盖，开闭迅速方便。  
Quick opening handhole cover, quick and convenient opening and closing.
- ✓ 承插式滤帽，结构简单，强度高，安装方便，固定可靠。  
The socket filter cap has the advantages of simple structure, high strength, convenient installation and reliable fixation.
- ✓ 布水均匀，反洗无死角。  
Uniform water distribution and no dead corner in backwashing.
- ✓ 过滤器外壳制作在焊接自动线上完成，质量均匀可靠，可承受更高压力。  
The shell of the filter is manufactured on the automatic welding line, with uniform and reliable quality and can withstand higher pressure.
- ✓ 过滤器罐体内外及管道采用静电粉末喷涂工艺；耐污水浸蚀，抗紫外线辐射，满足室外安装要求。  
The inside and outside of the filter tank and the pipeline adopt electrostatic powder non spraying process; it is resistant to sewage erosion and ultraviolet radiation, meeting the requirements of outdoor installation.
- ✓ 优化设计，外形美观。  
Optimized design, beautiful appearance.

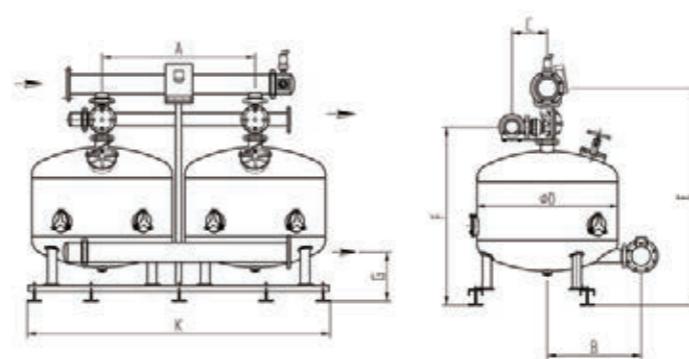
## 过滤器性能特点 FILTER PERFORMANCE CHARACTERISTICS

- ✓ 过滤系统采用模块化设计，根据所需流量，占地等；多个过滤单元可供选择，灵活组合。  
The filtering system adopts modular design, according to the required flow, land occupation, etc.; multiple filtering units can be selected, flexible combination.
- ✓ 反洗系统简单，无须反洗泵，容易操作，使系统保持始终如一的过滤效果。  
The backwashing system is simple, without backwashing pump, easy to operate, so that the system maintains a consistent filtering effect.
- ✓ 过滤系统采用时间、压差等多种方式自动启动反冲洗，全自动运行，系统内各过滤单元依次进行反冲洗，反冲洗时不中断产水。  
The filter system uses time, pressure difference and other ways to automatically start the backwashing, which is fully automatic. Each filter unit in the system carries out the backwashing in turn, and the water production is not interrupted during the backwashing.
- ✓ 水帽分布均匀，布水均匀，反洗无死角，反洗效率高，反洗时间短，反洗用水少。  
The water cap is evenly distributed, the water distribution is uniform, the backwashing has no dead angle, the backwashing efficiency is high, the backwashing time is short, and the backwashing water is less.
- ✓ 罐体撬装，安装方便，无需起重设备。  
Tank skid mounted, easy to install, no lifting equipment.
- ✓ 系统占地面积小，可以根据实际用地情况灵活布置过滤单元的排列。  
The system covers a small area and can flexibly arrange the arrangement of filter units according to the actual land use.
- ✓ 系统重量轻，不需特别的地基，一般水泥即可。  
The system is light in weight, no special foundation is needed, and general cement is enough.

型号 model number	罐子数量 Number of jars	过滤面积 Filtration area (m <sup>2</sup> )			反冲洗流量 Backwash flowrate (m <sup>3</sup> /h)	介质用量 Medium consumption (kg)	最大压力 Maximum pressure (Mpa)	进出水管 Inlet and outlet pipes 尺寸 Size	排污管 Sewage pipe 尺寸 Size	重量 weight (kg)
		最小流量 Minimum flowrate (m <sup>3</sup> /h)	最大流量 Maximum flowrate (m <sup>3</sup> /h)	海砂1-2mm						
FSL16-2	2	12	20	0.26	10	220	1.0	3"	3"	140
FSL24-2	2	30	50	0.58	20	500	1.0	3"	3"	216
FSL30-2	2	30	70	0.91	35	640	1.0	4"	4"	318
FSL36-2	2	60	100	1.31	45	920	0.8	4"	4"	400
FSL40-2	2	90	130	1.62	65	1120	0.7	6"	6"	512
FSL48-2	2	100	180	2.32	80	1600	0.6	6"	6"	650
FSL48-3	3	150	270	3.48	80	2400	0.6	6"	6"	975
FSL48-4	4	200	360	4.65	80	3200	0.6	8"	8"	1300
FSL48-5	5	250	450	5.81	80	4000	0.6	8"	8"	1760
FSL48-6	6	300	540	6.97	80	4800	0.6	8"	8"	1950
FSL60-2	2	160	220	3.64	130	2500	0.6	6"	6"	972



尺寸数据 Size						
型号	D mm	A mm	B mm	E mm	K mm	H mm
FSL16-2	400	500	640	1030	1100	1670
FSL24-2	600	700	840	1080	1540	1770



尺寸数据 Size								
型号	D mm	A mm	B mm	C mm	E mm	F mm	G mm	K mm
FSL30-2	750	850	552	289	1521	1318	360	1780
FSL36-2	900	1100	627	289	1579	1376	370	2150
FSL40-2	1000	1200	703	289	1645	1416	370	2320
FSL48-2	1200	1320	803	291	1755	1486	400	2650
FSL60-2	1500	1620	960	291	1873	1604	470	3120



## DISC FILTER 叠片过滤器

**叠片过滤芯是由一组两面带沟槽的盘片组成，沟槽棱边形成的交叉点可以把水中悬浮及固体物截留，由于同时具有了表面拦截和深度凝聚的作用，大大提高了过滤效果。**  
 The laminated filter element is composed of a group of discs with grooves on both sides. The intersection formed by the edges of the grooves can intercept the suspended solids and solids in the water. Because it has the functions of surface interception and deep condensation at the same time, the filtering effect is greatly improved.

**叠片过滤器具有高效反洗、全自动连续运行、自耗水低、占地面积小、运行可靠的特**  
 The laminated filter has the characteristics of high efficiency backwashing, automatic continuous operation, low water consumption, small floor area and reliable operation.

**点，过滤器系统的反洗过程轮流交替进行，工作、反洗状态之间自动切换，可确保连续出**

The backwashing process of the filter system is alternately carried out, and the automatic switching between the working and backwashing states can ensure continuous water discharge and small system pressure loss. Therefore, the technical advantages are very obvious.

**叠片过滤器采用模块化设计，可按过滤单元进行多种组合使用，以满足不同应用场合的**  
 The laminated filter adopts modular design and can be used in various combinations according to the filtering unit to meet the actual needs of different applications.

**实际需要。反洗控制操作简单，可根据压差，时间双重控制。**

Backwash control operation is simple, according to the differential pressure, time double control.

## 过滤器性能特点 FILTER PERFORMANCE CHARACTERISTICS

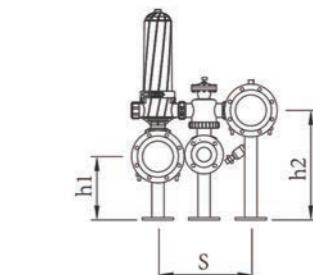
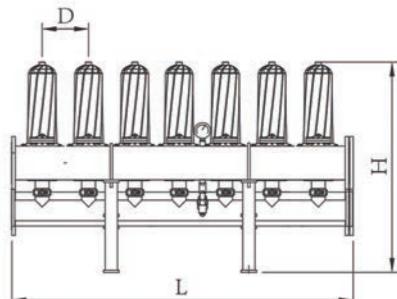
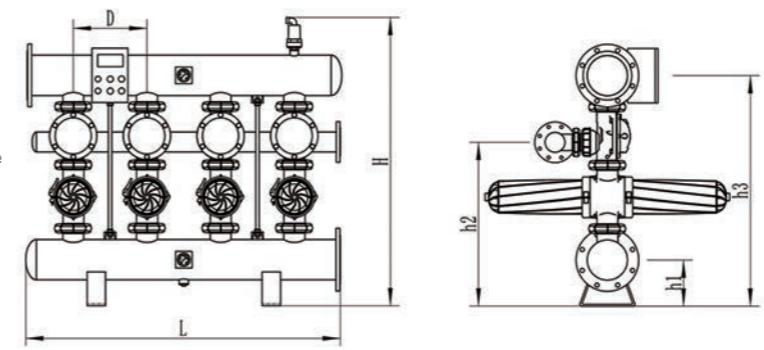


- ✓ 采用多项专利技术，安装使用时更加安全、高效，省水、省地、日常维护少。  
Using a number of patented technology, installation and use more safe, efficient, water, land, less routine maintenance.
- ✓ 滤芯无弹簧设计，过滤时巧妙利用了来水压力压紧盘片组，这样使得反洗的压力要求大大降低。独特的内置鸭嘴阀，保证了滤芯在过滤时的最大出水量，同时反洗时起到很好的逆止功能。  
The filter element has no spring design, and the incoming water pressure is used to compress the disc group during filtration, which greatly reduces the pressure requirement of backwashing. The unique built-in duckbill valve ensures the maximum water output of the filter element during filtration, and has a good check function during backwashing.
- ✓ 分体组装式的滤芯骨架，可以根据设计要求灵活调整滤芯高度，达到调整过滤面积的作用，满足不同的系统配套要求。  
The framework of the filter element can flexibly adjust the height of the filter element according to the design requirements, so as to adjust the filtering area and meet the requirements of different systems.
- ✓ 抛弃了常用的金属卡箍设计，过滤单元采用自锁卡扣配合特殊设计的密封圈，过滤单元外壳的安装和拆卸变得非常简单容易，密封效果好。  
Instead of the common metal clamp design, the filter unit adopts the self-locking buckle with the specially designed sealing ring. The installation and disassembly of the filter unit shell becomes very simple and easy, and the sealing effect is good.
- ✓ 每个过滤单元均配有过滤和反洗状态指示装置以及自动进排气装置，在避免水锤破坏的同时还可以提高了滤芯反洗效果。  
Each filter unit is equipped with filtering and backwashing status indicating device and automatic air inlet and exhaust device, which can avoid water hammer damage and improve the backwashing effect of filter element.

过滤精度 Filtration accuracy	优良水质 Excellent water quality			一般水质 General water quality			较差水质 Poor water quality			选用管道 Selection of pipes		外形尺寸 Dimensions
	200μm	130μm	50μm	200μm	130μm	50μm	200μm	130μm	50μm	进出水管 Inlet and outlet pipes	排污管 Sewage pipe	
	流量 (m³/h) Flow rate			流量 (m³/h) Flow rate			流量 (m³/h) Flow rate					
FDP2-2	50	40	28	38	30	22	27	20	15	DN80	DN50	750×830×950
FDP2-3	75	60	42	57	45	33	40	30	22	DN80	DN50	1050×830×950
FDP2-4	100	80	56	75	60	44	54	40	30	DN100	DN80	1350×830×950
FDP2-5	125	100	60	95	75	55	67	50	37	DN150	DN80	1350×830×950
FDP3-2	74	60	40	56	44	32	40	30	22	DN100	DN80	865×1030×1250
FDP3-3	110	90	60	84	66	48	60	45	33	DN100	DN80	1165×1030×1250
FDP3-4	148	120	80	112	88	64	80	60	44	DN150	DN80	1465×1030×1250
FDP3-5	185	150	100	140	110	80	100	75	55	DN150	DN80	1765×1030×1250
FDP4-2	148	120	80	112	88	64	80	60	44	DN150	DN100	900×1350×1400
FDP4-3	222	180	120	168	132	96	120	90	66	DN150	DN100	1300×1350×1550
FDP4-4	296	240	160	224	176	128	160	120	88	DN200	DN100	1700×1350×1550
FDP4-5	370	300	200	280	220	160	200	150	110	DN200	DN100	2100×1350×1550

\* 注：因与使用差值关系很大，此表仅用于推荐

尺寸数据 Dimension data							
型号 Model number	D mm	H mm	L mm	S mm	h1 mm	h2 mm	h3 mm
FDP2-2	300	865	700	522	350	620	/
FDP2-3	300	865	1000	547	350	620	/
FDP2-4	300	890	1300	547	370	620	/
FDP2-5	300	920	1600	570	370	645	/
FDP3-2	300	1160	760	600	370	668	/
FDP3-3	300	1160	1000	600	370	668	/
FDP3-4	300	1210	1300	600	370	668	/
FDP3-5	300	1210	1600	600	370	668	/
FDP4-2	400	1380	900	/	220	810	1250
FDP4-3	400	1450	1300	/	220	840	1169
FDP4-4	400	1560	1700	/	250	890	1115
FDP4-5	400	1700	2100	/	300	965	1354





## SCREEN FILTER 网式过滤器

网式过滤器用于处理水体中的无机杂质最有效，当水流穿过滤网时，大于滤网目数的杂质将被拦截下来，随着滤网上粘附的杂质不断增多，滤网前后的压差也愈来愈大，如果压差过大，网孔受压扩张将使一些杂质挤过滤网进入灌溉系统，甚至致使滤网破裂，因此必须采取适当的管理措施，确保滤网前后的压差保持在允许范围内。只有通过严格选型并在正常条件下运行，网式过滤器才能达到经济高效的目的。

Net filter is the most effective way to deal with inorganic impurities in water. When the water flows through the filter screen, the impurities larger than the mesh number of the filter screen will be intercepted. With the increasing of impurities on the filter screen, the pressure difference between the front and back of the filter screen will become larger and larger. If the pressure difference is too large, the pressure expansion of the mesh will make some impurities squeeze into the filter screen into the irrigation system, and even cause the filter screen to break. Therefore, it is necessary to clean the filter screen. Appropriate management measures must be taken to ensure that the pressure difference between the front and back of the filter screen is kept within the allowable range. Only through strict selection and operation under normal conditions can the net filter achieve the purpose of economic and efficient.

在过滤状态时，杂质被拦截在滤网的内侧，当需要冲洗时打开冲洗口的排污阀，高速水流迅速将滤出的杂质冲出过滤器。网式过滤器是利用滤网组成的孔隙，将原水中的泥砂、悬浮物等杂质截留住，由于滤网进行了科学分布，所以滤网对杂质的截留效果很好，出水质量也大大提高。

In the filtration state, the impurities are intercepted in the inner side of the filter screen. When flushing is needed, open the drain valve at the flushing port, and the high-speed water will quickly flush the filtered impurities out of the filter. The mesh filter uses the pores of the filter screen to intercept the impurities such as silt and suspended solids in the raw water. Due to the scientific distribution of the filter screen, the interception effect of the filter screen on the impurities is very good, and the effluent quality is also greatly improved.

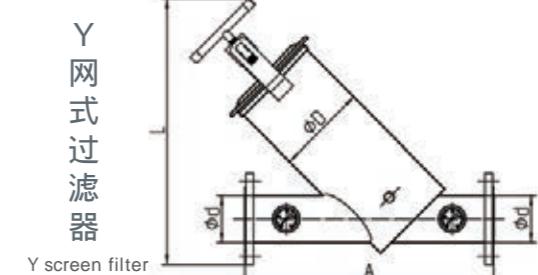
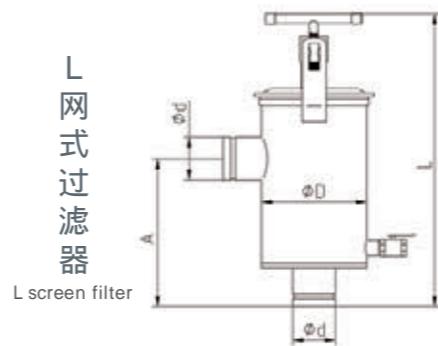
## 结构特点 TECHNICAL PARAMETERS

- ✓ 结构壳体采用碳钢或不锈钢（304、316L），滤芯有不锈钢网、尼龙网，目数丰富，规格齐全，组合性强，安装清洗非常方便，易于维护。  
The structure shell is made of carbon steel or stainless steel (304, 316L). The filter element is made of stainless steel mesh and nylon mesh. The mesh number is rich, the specification is complete, and the combination is strong. The installation and cleaning are very convenient and free from maintenance.
- ✓ 快速开启结构，清洗更换滤芯方便。  
Quick opening structure, easy to clean and replace filter element.
- ✓ 过滤精度：80目/100目/120目/150目  
Filtration accuracy: 80 mesh / 100 mesh / 120 mesh / 150 mesh
- ✓ 型号：L型网式和Y型网式；2"、3"、4"  
Model: L type and Y type; 2", 3", 4"

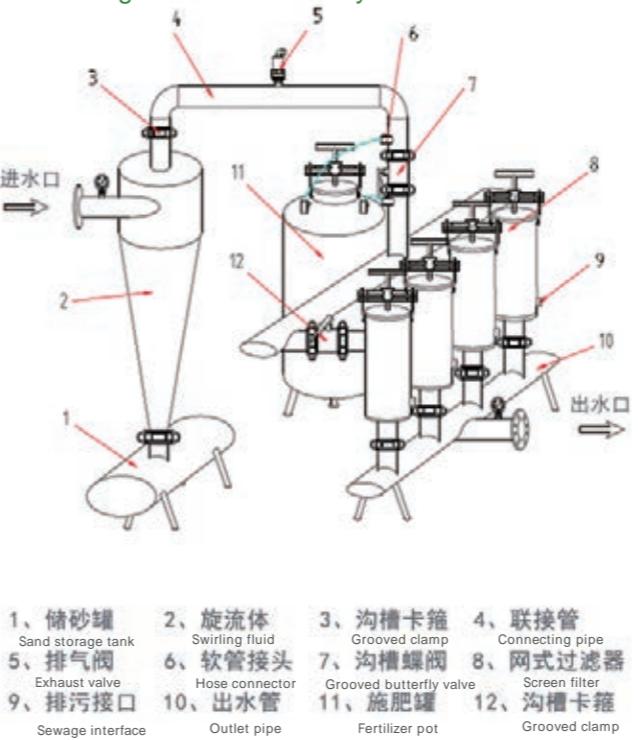
## 注意事项

1. 当过滤网上积聚了一定的污物后，过滤器进、出水口之间的压力降会急剧增加，当压力降超过0.07MPa时需及时进行冲洗。  
1. When a certain amount of dirt is accumulated on the filter screen, the pressure drop between the inlet and outlet of the filter will increase sharply. When the pressure drop exceeds 0.07MPa, it is necessary to wash it in time.
2. 进出水方向必须根据滤芯的过滤方向选择使用，切不可反向使用。  
2. The water inlet and outlet direction must be selected according to the filtering direction of the filter element, and must not be reversed.
3. 如发现滤芯、密封圈损坏，必须及时更换，否则将失去对水的过滤效果。  
3. If the filter element and sealing ring are found damaged, they must be replaced in time, otherwise they will lose the filtering effect on water.
4. 在冬季不用时应将水排空，以防冻坏。  
4. When not in use in winter, drain the water to prevent freezing.

型号 Model number	数量 Quantity	最大流量 (m³/h) Maximum flow	过滤面积 (cm²) Filtration area	网筛滤网 (目) Mesh screen (mesh)	最大压力 (Mpa) Maximum pressure	φD (mm) Diameter	L (mm) Length	A (mm) Width	φd (mm) Diameter	连接方式 Connection mode	进出水管尺寸 Inlet and outlet pipe size	冲水口 Degating
FWL2	1	25	350	130	0.7	219	610	310	60	卡口	2"	3/4"
FWL3	1	45	350	130	0.7	219	610	310	89	卡口	3"	3/4"
FWL4	1	60	470	130	0.7	219	725	430	114	卡口	4"	3/4"
FWY2	1	25	350	130	0.7	219	550	550	89	法兰	2"	3/4"
FWY3	1	45	350	130	0.7	219	640	600	114	法兰	3"	3/4"
FWY4	1	60	470	130	0.7	219	800	700	133	法兰	4"	3/4"



## 离心网式组合过滤系统 Centrifugal combined filter system



型号 model number	进出口管径 Diameter	流量 (m³/h) Flow rate	离心规格 Centrifugal	网式规格 -数量 Mesh- Quantity
FLX2+FWL2-1	2"	11-17	FLX2	FWL2-1
FLX3+FWL3-2	3"	30-48	FLX3	FWL3-2
FLX4+FWL4-2	4"	50-80	FLX4	FWL4-2
FLX6+FWL4-3	6"	100-140	FLX6	FWL4-3
FLX6+FWL4-4	6"	140-180	FLX6	FWL4-4

离心网式组合过滤系统是滴灌首部水质过滤的配套系列产品，主要用于井水的两级过滤，分离井水中的砂粒。  
Centrifugal combined filtration system is a series of products for the first water quality filtration of drip irrigation. It is mainly used for two-stage filtration of well water and separation of sand particles in well water.

为保证整个滴灌系统的正常运行，请选用滴灌专用肥料。  
In order to ensure the normal operation of the whole drip irrigation system, please select the special fertilizer for drip irrigation.

每套过滤器可选注肥泵、施肥罐、施肥机等，可实现在灌溉过程中完成施肥工作。  
Each set of filter can be equipped with a fertilizer injection pump, a fertilizer tank, a fertilizer applicator, etc., which can complete the fertilization work in the irrigation process.

## CENTRIFUGAL FILTER 离心过滤器



离心过滤器适用于蔬菜、果树、温室、花卉、茶园、绿地及大田各类农作物的灌溉，节约用水、节能、改善植物品质、提高产品档次、维护生态平衡、利国利民，是由传统农业向现代农业转变的必备灌溉产品。

Centrifugal filter is suitable for the irrigation of vegetables, fruit trees, greenhouse, flowers, tea garden, green space and field crops. It can save water, improve plant quality, improve product grade, maintain ecological balance and benefit the country and people. It is a necessary irrigation product for the transformation from traditional agriculture to modern agriculture.

离心过滤器利用高速旋转水流产生的离心力，将砂粒和其他较重的杂质从水体中分离出来，它内部没有滤网，也没有可拆卸的部件，结构简单，保养维护方便。

Centrifugal filter uses the centrifugal force generated by high-speed rotating water flow to separate sand and other heavy impurities from the water body. It has no filter screen or detachable parts, simple structure and convenient maintenance.



离心过滤器过滤单元从2"至6"多种标准系列；还可根据客户的要求，提供非标系列。

Centrifugal filter filtration unit from 2 "to 6" a variety of standard series; also according to customer requirements, provide non-standard series.  
离心过滤器对于大于75μm的砂粒，分离率约为98%，但不能分离出水体中的所有杂质，如对水质有更高要求，可根据需要和其他过滤器配合使用。  
Centrifugal filter for more than 75 μ m sand, the separation rate is about 98%, but can not separate all the impurities in the water, such as water quality has higher requirements, can be used with other filters according to the needs.

## 适用领域 APPLICABLE FIELDS

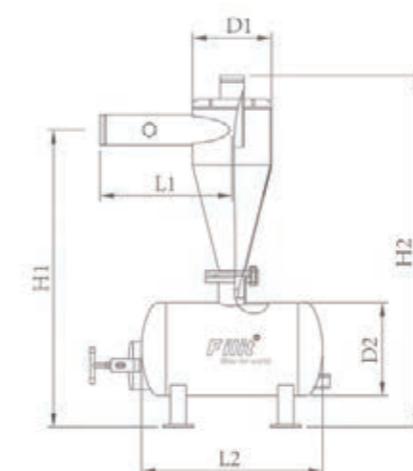
- ✓ 微灌系统水质的初级过滤  
Primary filtration of water quality in micro irrigation system
- ✓ 一般含砂量大的地下水和地表水的初级处理  
Primary treatment of groundwater and surface water with large sand content

## 性能要点 PERFORMANCE HIGHLIGHTS

1. 耐磨橡胶材质卸砂口，使用寿命长且可更换  
1. The sand unloading port made of wear-resistant rubber has long service life and can be replaced
2. 储砂罐配以快开式手孔盖，开闭迅速方便  
2. The sand storage tank is equipped with quick opening hand hole cover, which is convenient for opening and closing
3. 过滤器外壳制作在焊接自动线上完成，质量均匀可靠，可承受更高压力。  
3. The filter shell is manufactured on the automatic welding line, with uniform and reliable quality, and can withstand higher pressure.
4. 过滤器罐体内外及管道采用静电粉末喷涂工艺；耐污水侵蚀，抗紫外线辐射，满足室外安装要求。  
4. The inside and outside of the filter tank and the pipeline adopt electrostatic powder spraying process; it is resistant to sewage erosion and ultraviolet radiation, meeting the requirements of outdoor installation.
5. 遵循水力学原理，优化结构设计，分离效果好。  
5. Follow the principle of hydraulics, optimize the structure design, good separation effect.
6. 外形美观  
6. Beautiful appearance



型号 Model number	标准流量范围 Standard flow range		连接方式 Connection mode	储沙罐容积 (L) Volume of sand storage tank	进出水管尺寸 Inlet and outlet pipe size	单重 (kg) Single weight
	最小流量 Minimum flow (m³/h)	最大流量 Maximum flow (m³/h)				
FLX2	11	15	卡口/法兰 Bayonet / flange	20	2"	42
FLX3	35	52	卡口/法兰 Bayonet / flange	35	3"	52
FLX4	52	80	卡口/法兰 Bayonet / flange	60	4"	72
FLX6	120	160	卡口/法兰 Bayonet / flange	120	6"	118



尺寸数据 Dimension data						
型号 Model number	D1 mm	D2 mm	L1 mm	L2 mm	H1 mm	H2 mm
FLX2	219	219	275	400	697	837
FLX3	273	273	500	680	1120	1330
FLX4	325	325	600	820	1420	1660
FLX6	426	426	605	1140	1600	1905

## PLASTIC FILTER 塑料过滤器

- ✓ 外壳采用优质复合塑料生产，耐压、抗冲击、坚固耐用。  
The shell is made of high-quality composite plastics, which is resistant to pressure, impact and durable.
- ✓ 过滤内芯有不锈钢网和叠片两种可供选择，适应不同需要。  
The filter core has stainless steel mesh and lamination to choose from, to adapt to different needs.
- ✓ 可过滤不同水质，广泛应用于农业和工业的水处理。  
It can filter different water quality and is widely used in agricultural and industrial water treatment.
- ✓ 多种标准规格可供选择，满足不同需求。  
A variety of standard specifications are available to meet different needs.
- ✓ 易于安装和操作。  
Easy to install and operate.



型号 Model number	过滤模式 Filtering mode	最大压力 (Mpa) Maximum pressure	最大流量 (m³/h) Maximum flow	连接方式 Connection mode	过滤精度 Filtration accuracy
3/4"	网式 Net type	0.6	5	外螺纹 External thread	
3/4"	叠片 lamination	0.6	4	外螺纹 External thread	
1"	网式 Net type	0.6	5	外螺纹 External thread	
1"	叠片 lamination	0.6	4	外螺纹 External thread	
1.5"	网式 Net type	0.6	11	外螺纹 External thread	20/50/80/100/
1.5"	叠片 lamination	0.6	10	外螺纹 External thread	120/150/200目
2"	网式 Net type	0.6	18	外螺纹 External thread	可选
2"	叠片 lamination	0.6	15	外螺纹 External thread	20 / 50 / 80 / 100 / 120 / 150 / 200 mesh
3"	网式 Net type	0.6	60	外螺纹/卡口 External thread / bayonet	Optional
3"	叠片 lamination	0.6	60	外螺纹/卡口 External thread / bayonet	
4"	网式 Net type	0.6	90	外螺纹/卡口 External thread / bayonet	
4"	叠片 lamination	0.6	90	外螺纹/卡口 External thread / bayonet	

## FERTILIZER TANK 施肥罐

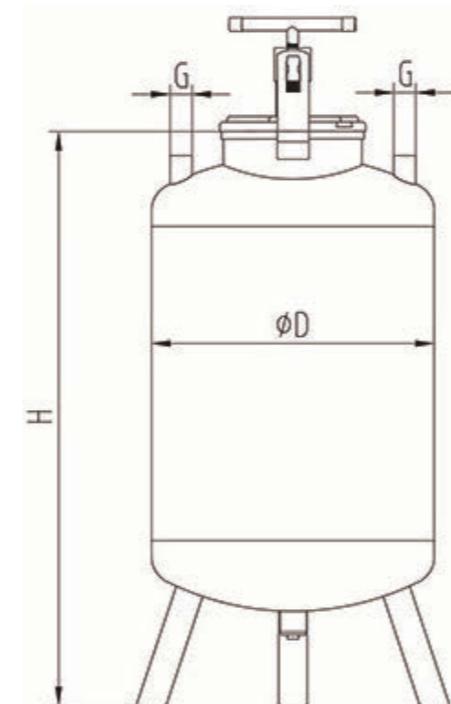
施肥罐主要提供了一种简化的方法来分配肥料和其它化学物质，然后通过滴灌或喷灌系统进行施肥。旁通施肥罐，无需动力；铁质结构，聚酯粉末喷涂，耐压耐腐；结构简单，经久耐用。

应用：肥料或化学物质直接进入水流

设计压力：0.7MPa

容量：60L-1000L

Capacity: 60L-1000L



尺寸数据 Dimension data					
型号 Model number	容量 (L) Capacity	D mm	H mm	连接方式 Connection mode	进出水管 尺寸 Pipe size
FSF60	60	377	800	螺纹 Thread	G1/2"
FSF100	100	426	900	螺纹 Thread	G3/4"
FSF200	200	608	975	螺纹 Thread	G1"
FSF300	300	758	1000	螺纹 Thread	G1"
FSF600	600	1008	1100	螺纹 Thread	G1"
FSF1000	1000	1210	1200	螺纹 Thread	G1"

## VENTURI FERTILIZER INJECTOR 文丘里注肥器

### 特点 FEATURES

- ✓ 立体一次性成型，结构合理  
Three dimensional one-time molding, reasonable structure
- ✓ 进出水口为外螺纹接头，方便连接  
The inlet and outlet are external thread joint, which is convenient to connect
- ✓ 可与注肥器套件配合易与主管道相连接  
It can be matched with fertilizer injector kit and connected with main pipe easily
- ✓ 利用虹吸原理，方便吸入各种液态肥料并注入灌溉管道中，水肥均匀灌溉各种作物  
Using the siphon principle, it is convenient to inhale various liquid fertilizers and inject them into the irrigation pipe, so that the water and fertilizer can irrigate all kinds of crops evenly
- ✓ 若施肥浓度稳定，无须外加动力，更加节省您的时间与资源  
If the concentration of fertilizer is stable, there is no need to add power, more save your time and resources



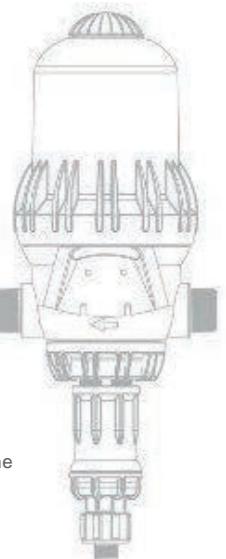
型号 Model number	外径 (mm) External diameter	过水流量 (m³/h) Water discharge	自吸流量 (L/h) Self priming flow
1/2"	20	0.29-0.81m³/h (0.07-0.95Mpa)	3-37L/h
3/4"	25	0.65-2.24m³/h (0.07-0.95Mpa)	9-92L/h
1"	32	1.82-6.34m³/h (0.07-0.95Mpa)	34-279L/h
1-1/2"	50	4.31-12.73m³/h (0.07-0.95Mpa)	49-680L/h
2"	63	11.58-20m³/h (0.07-0.95Mpa)	110-1200L/h
3"	90	30-60m³/h (0.07-0.95Mpa)	2240-4680L/h

### 应用 APPLICATION



## RATIO FERTILIZER INJECTOR 比例注肥泵

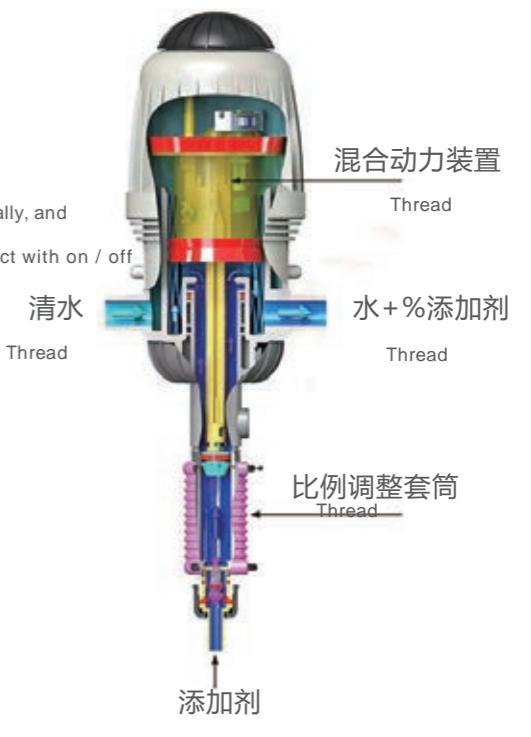
将比例注肥泵直接安装在水管中，管路中水流的动能驱动泵工作，按设定比例定量将较高浓度的药或肥液吸入，与主管中的水充分混合后被吸入和充分混合与水在主管之前被运输到下游。且无论管路中的水压及水量如何变化，吸入的药剂量始终同进入比例注肥泵中水的体积成比例，确保混合液中的比例恒定。



### 产品说明 PRODUCT DIRECTIONS

#### 操作原则 Operating principle

在管道中接通水流后，设备会自动启动，而在水流中断后设备会自动停止。若采用开/关装置的产品，则可以控制抽取（吸入）的动作。



**调整MixRite比例注肥泵**  
Adjust the injection volume of mixrite proportional fertilizer injection pump by manually rotating the sleeve to the required proportion. The amount of concentrate injected is proportional to the amount of water passing through the pump.

### 性能要点 PERFORMANCE HIGHLIGHTS

1. 直接安装在供水管上，无须电力，而以水压作为工作的动力。使用方便，只要打开水源即可。  
1. It is directly installed on the water supply pipe without electricity, and uses the water pressure as the working power. Easy to use, just turn on the water source.
2. 精确的比例设定，不受水流影响。“比例性”是保持恒定的精确剂量的关键。不管水流的流量和压力发生什么变化，溶液的剂量总是严格的与进入设备的水量成比例。  
2. Accurate proportion setting, not affected by water flow. "Proportionality" is the key to maintain a constant and accurate dose. No matter how the flow rate and pressure of the water change, the dosage of the solution is always strictly proportional to the amount of water entering the equipment.
3. 安装简单，操作方便，无须专人看管。  
3. It is easy to install and operate without the need of special person.
4. 优良的抗紫外线辐射性能；精巧的结构；抗化学腐蚀的优质塑料材料制造。  
4. Excellent anti ultraviolet radiation performance, exquisite structure, high-quality plastic material with chemical corrosion resistance.
5. 规格型号丰富，流量范围0.02~25m³/h可选，添加剂比率0.1%~10%可调，满足您各种需要。  
5. Various specifications and models, flow range of 0.02 ~ 25m³ / h, additive ratio of 0.1% ~ 10%, to meet your needs.

型号 Model number	流量范围 Flow range	工作压力 (Mpa) Working pressure	注入比例 Injection ratio	进出口尺寸 Import and export dimensions
2502	30-2500L/h	0.02-0.8	0.3-2%	3/4"
2504	30-2500L/h	0.02-0.8	0.4-4%	3/4"
2506	40-2500L/h	0.02-0.8	6%	3/4"
2508	20-2500L/h	0.02-0.8	0.1-0.9%	3/4"
2510	50-2500L/h	0.02-0.8	3-10%	3/4"
2512	2500L/h	0.02-0.8	0.3-2%	3/4"
2514	2500L/h	0.02-0.8	0.4-4%	3/4"
2516	2500L/h	0.02-0.8	6%	3/4"
TF10-001	0.5-10m³/h	0.1-0.8	0.1-1%	1"
TF10-002	0.5-10m³/h	0.1-0.8	0.2-2%	1"
TF10-005	0.5-10m³/h	0.1-0.8	1-5%	1"
TF25-001	2-25m³/h	0.1-0.8	0.1-1%	2"
TF25-002	2-25m³/h	0.1-0.8	0.3-2.5%	2"
TF25-005	2-25m³/h	0.1-0.8	1-5%	2"

### SMART FERTIGATION MACHINE 智能施肥机

**尺寸:** 78\*62\*120 (cm)  
Size: 78 \* 62 \* 120 (CM)

**工作电压:** DC220V/380V (可定制)  
Working voltage: DC 220v / 380V (customizable)

**吸肥功率:** 2.2KW  
Fertilizer absorption power: 2.2kw

**吸肥通道:** 1路、2路、3路、4路可选  
Fertilizer absorption channel: 1, 2, 3, 4 optional

**产品组件:** 主控系统、吸肥动力系统、吸肥管路系统  
Product components: main control system, fertilizer suction power system, fertilizer suction pipeline system, fertilizer mixing system, solenoid valve access system, fertilizer system, electromagnetic valve access system, sensor access system

**应用范围:** 无土栽培、水培、温室大棚、果园、大田  
Application scope: soilless cultivation, hydroponics, greenhouse, orchard, field

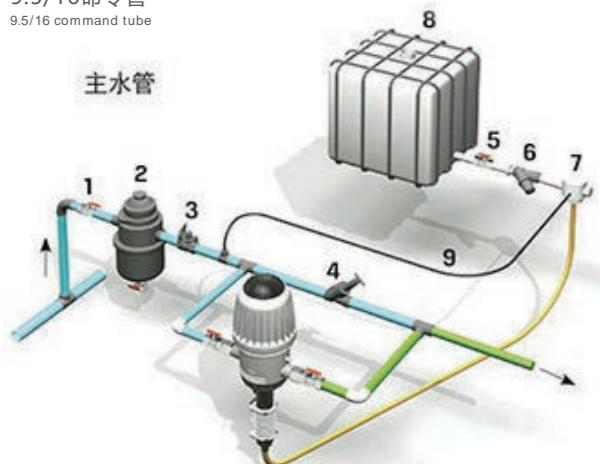


## 安装方式 INSTALLATION METHOD

### 使用大型肥料罐时典型的旁路式安装

Typical bypass installation when using large fertilizer tank

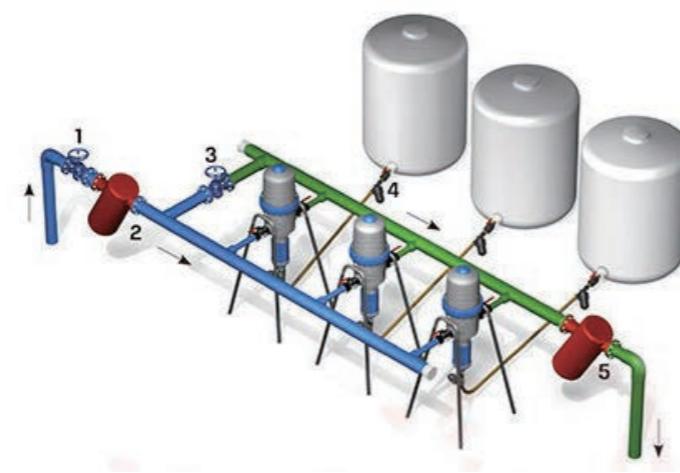
- 1.主阀门 2.过滤器-120目 3.压力调节阀
- 1. Main valve 2. Filter - 120 mesh 3. Pressure regulating valve
- 4.节流阀 5.PVC塑料阀门 6.肥料过滤器
- 4. Throttle valve 5. PVC plastic valve 6. Fertilizer filter
- 7.常闭气力驱动安全阀 8.肥料容器
- 7. Normally closed hydraulic driven safety valve 8. Fertilizer container
- 9.5/16命令管  
9.5/16 command tube



### 多旁路安装方式

Multi bypass installation mode

- 1.主阀门 2.主管过滤器 3.节流阀
- 1. Main valve 2. Main pipe filter 3. Throttle valve
- 4.肥料溶剂过滤器 5.混合后过滤器
- 4. Fertilizer solvent filter 5. Filter after mixing



## 性能要点 PERFORMANCE HIGHLIGHTS

- ✓ 旁路式连接，不影响原有主管道；  
The bypass connection does not affect the original main pipeline;
- ✓ (10寸) 液晶高清触摸屏，中文操作系统，简单易学，好操作；  
(10 inch) LCD high definition touch screen, Chinese operating system, easy to learn, easy to operate;
- ✓ 系统可依据设定的灌溉施肥程序自动执行轮灌任务，无需人工操作，定时定量，省人工，  
The system can automatically execute the rotation irrigation task according to the set irrigation and fertilization program, without manual operation, timing and quantitative, save labor, and achieve precision fertilization;
- ✓ 手动旋钮式流量调节阀可以根据实际需要调整施肥流量，更加准确，方便；  
The manual knob type flow regulating valve can adjust the fertilization flow according to the actual needs, which is more accurate and convenient;
- ✓ 化工级PVC混肥管道，强耐腐蚀，抗老化，不变形，寿命长；  
Chemical grade PVC mixed fertilizer pipeline, strong corrosion resistance, anti-aging, no deformation, long life.
- ✓ 支持功能扩展和订制；  
Support function expansion and customization;
- ✓ 可增加各项（环境因素，土壤墒情）等传感器，实现与物联网对接，并可通过传感器控制灌溉程序运行，达到智能灌溉施肥状态。  
It can add various sensors (environmental factors, soil moisture) to connect with the Internet of things, and control the operation of irrigation program through sensors to achieve the state of intelligent irrigation and fertilization.



# 阀表设备

VALVE & WATER METER

**AV-010  
PN10  
进排气阀**

AV-010型空气阀可在系统充水时高速排气，在系统排水时或水柱分离时高速进气。  
AV-010 air valve can exhaust at high speed when the system is filled with water, and intake at high speed when the system is drained or the water column is separated.

**技术参数 TECHNICAL PARAMETERS**

可选型号: DN20, DN25 BSP或NPT外螺纹连接

Optional model: DN20, DN25, BSP or NPT external thread connection

DN50, DN80 BSP或NPT 内螺纹连接

DN50, DN80, BSP or NPT internal thread connection

工作压力范围: 0.02-1.0 Mpa

Working pressure range: 0.02-1.0 MPa

最高介质温度: 60°C

Maximum medium temperature: 60 °C

适用环境最高温度: 90°C

Maximum temperature of applicable environment: 90 °C



DN20/DN25

**性能特点 PERFORMANCE CHARACTERISTICS**

- ✓ 体积小，重量轻，结构简单，可靠性高  
Small volume, light weight, simple structure and high reliability
- ✓ 抗紫外线材质，可在户外使用，高强度工程  
UV resistant material, can be used outdoors, high strength engineering plastic
- 塑料阀体，全部零件均耐腐蚀  
valve body, all parts are corrosion resistant
- ✓ 优良的结构设计保证了排气压差高达  
The excellent structure design ensures the exhaust pressure difference up to 0.07MPa  
0.07Mpa
- ✓ 防止气闭，即排气不彻底的现象发生  
To prevent air shut, that is, the phenomenon of incomplete exhaust
- ✓ 低压密封性能优异  
Excellent low pressure sealing performance



DN50/DN80

**应用 APPLICATION**

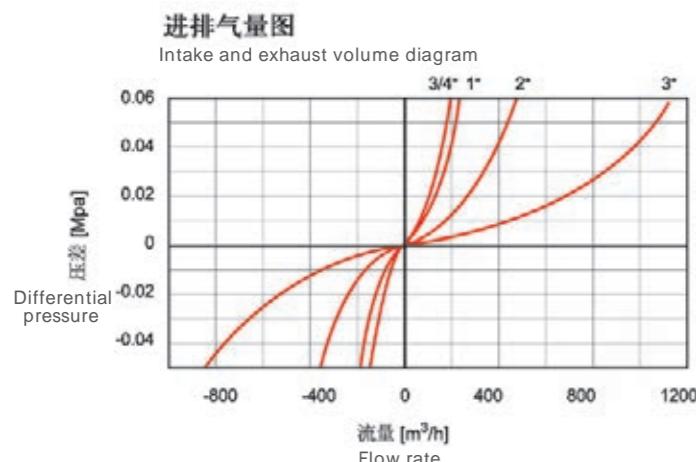
农业和园林灌溉系统、高层楼宇、水处理系统

Agricultural and garden irrigation systems, high-rise buildings, water treatment systems

DG-10  
PN10

## 组合式空气阀

Combined air valve



### 外形尺寸及重量

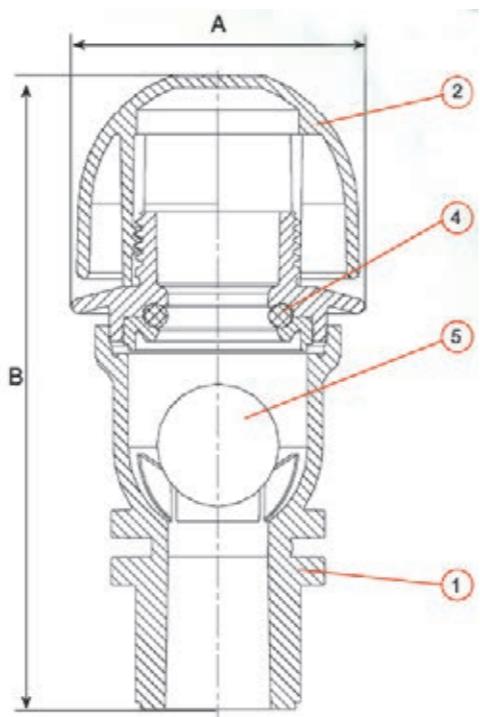
Dimensions and weight

口径 Diameter	尺寸 (mm) Size		重量 (kg) Weight	进排气口面积 (mm²) Area of inlet and outlet
	外径A External diameter	高度B Height		
DN20	60	124	0.1	314
DN25	60	124	0.1	314
DN50	73	122	0.2	800
DN80	104	165	0.6	2000

### 结构图示及材质

Structure diagram and material

No.	部件 Parts	材质 Material		
		DN20, DN25	DN50	DN80
1	阀体 valve body	聚丙烯 polypropylene	增强尼龙 Reinforced nylon	增强尼龙 Reinforced nylon
2	阀盖 Valve cover	聚丙烯 polypropylene	聚丙烯 polypropylene	增强尼龙 Reinforced nylon
3	阀盘 Valve disc	—	增强尼龙 Reinforced nylon	增强尼龙 Reinforced nylon
4	密封圈 Seal ring	丁腈橡胶 Nitrile rubber	三元乙丙橡胶 EPDM rubber	三元乙丙橡胶 EPDM rubber
5	浮球 Floating ball	聚丙烯 polypropylene	聚丙烯 polypropylene	聚丙烯 polypropylene



DN50 , DN80

### 技术参数 TECHNICAL PARAMETERS

工作压力范围: 0.02-1.0 Mpa

Working pressure range: 0.02-1.0 MPa

最高工作温度: 60°C, 间歇使用情况下为90°C

Maximum working temperature: 60 °C, 90 under intermittent use

接头规格: 3/4", 1" 和2" NPT/BSPT外螺纹

Joint size: 3 / 4 ", 1" and 2 "NPT / BSPT external thread



### 性能特点 PERFORMANCE CHARACTERISTICS

体积小, 重量轻, 可安装在塑料等低强度管道上

Small size, light weight, can be installed in plastic and other low strength pipes

### 应用 APPLICATION

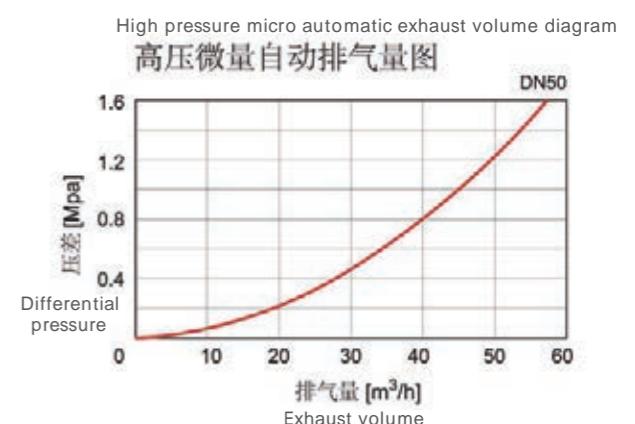
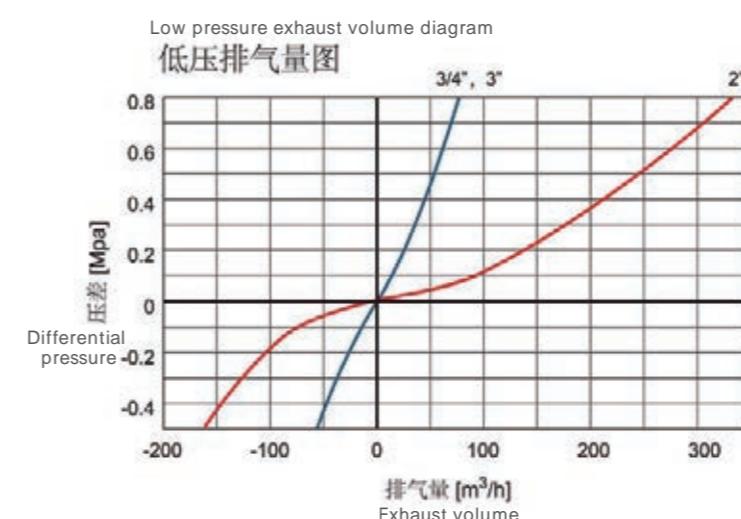
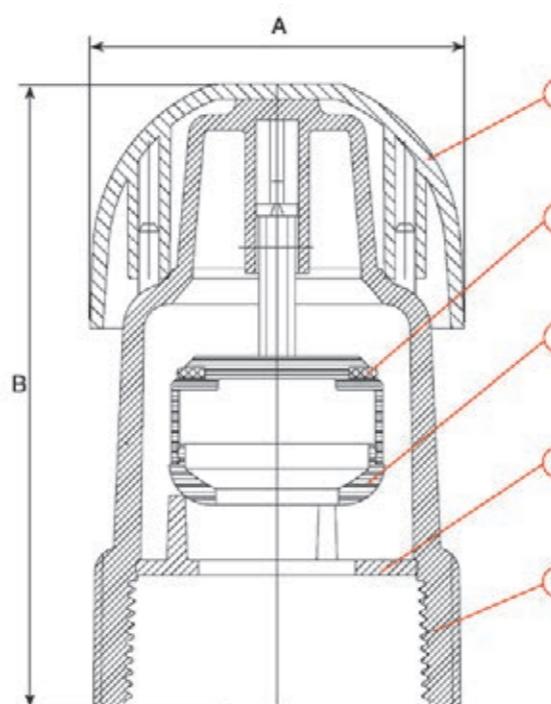
泵站, 隔断阀前或阀后, 管道斜率改变处, 管道的峰

The pump station, in front of or behind the isolation valve, at the change of pipeline slope,

值点及水力坡降线处, 外加保护层可适用于防盗或防

at the peak point of pipeline and at the hydraulic gradient line, with additional protective layer,

破坏 can be applied to guard against theft or damage

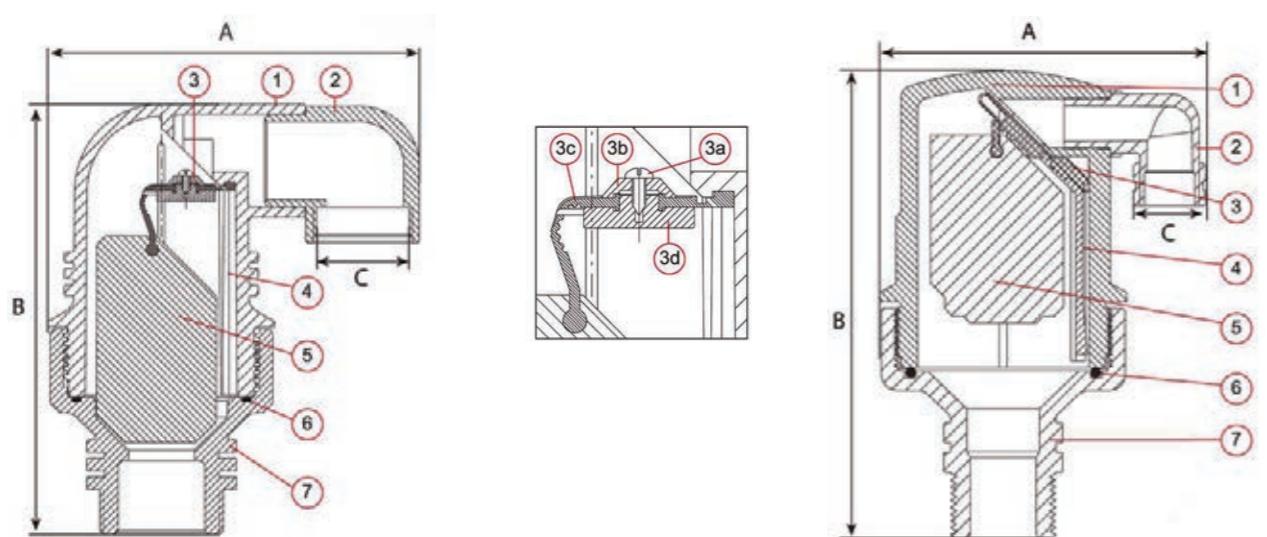


## 外形尺寸及重量

口径 Diameter	尺寸 (mm) Size			重量 (kg) Weight	进排气口面积 (mm <sup>2</sup> ) Area of inlet and outlet	
	A	B	C		低压进排气 Low pressure intake and exhaust	高压自动 High voltage automatic
DN20, DN25	100	939	DN10BSP	0.33	7.8	100
DN50	180	209	DN40BSP	1.1	12	804

## 结构图示及材质

No.	部件 Parts	材质 Material
1	阀体 valve body	增强尼龙 Reinforced nylon
2	弯头 Elbow	聚丙烯 polypropylene
3	排气口密封组件 Seal as-exhaust	—
3a	螺钉 screw	不锈钢 stainless steel
3b	上阀盘 Upper valve disc	增强尼龙 Reinforced nylon
3c	密封卷链 Sealed coil chain	三元乙丙橡胶 EPDM rubber
3d	下阀盘 Lower valve disc	增强尼龙 Reinforced nylon
4	固定杆 Fixing rod	增强尼龙 Reinforced nylon
5	浮球 Floating ball	发泡聚丙烯 Foamed polypropylene
6	密封圈 Seal ring	丁腈橡胶 Nitrile rubber
7	阀座 valve seat	增强尼龙 Reinforced nylon



**R-20 R 3W**  
**3路导阀**  
**减压阀**  
**Pressure relief valve**



Eliptix系列水力控制阀基于独特的技术和创新性的设计与性能，致力于为客户提供最优

Based on unique technology and innovative design and performance, eliptix series hydraulic control valves are committed to providing customers with the best

质的系统方案。Eliptix系列适用于水利、灌溉、园林景观等各种领域。

system solutions. Eliptix series is suitable for water conservancy, irrigation, landscape and other fields.

独创性的椭圆形结构，使得Eliptix系列控制阀对各种流量的系统都能保证精准、可靠和

The original oval structure ensures the precise, reliable and high-quality control ability of eliptix series control valves for various flow systems.

优质的调控能力。

Eliptix系列有着更小的开启压力、更平缓的缓闭能力，同时还有着特殊的设计以保证最

Eliptix series has smaller opening pressure, smoother slow closing capacity, and special design to ensure minimum head loss and greater flow capacity.

小的水头损失与更大流通能力。

Eliptix系列的结构简单，内部活动组件精简，保证运行的稳定可靠性，并且最大程度杜

The structure of eliptix series is simple, and the internal active components are simplified, which ensures the stability and reliability of operation, and eliminates

绝了气蚀危害。日常维护保养简单快捷。

the cavitation hazard to the greatest extent. Daily maintenance is simple and fast.

耐用且优质，可满足各种工程标准需求。

Durable and high quality, can meet the needs of various engineering standards.

**简介 INTRODUCTION**

Eliptix减压阀Model R-20 RM 可自动感应进水压力并减压至预设的出水压力，无论进水端压力波动或是

Eliptix pressure reducing valve model R-20 RM can automatically sense the inlet pressure and reduce the pressure to the preset outlet pressure, no matter

流量变化，均不会对出水端产生影响。

the pressure fluctuation or flow change at the inlet end, it will not affect the outlet end.

该减压阀包含一个Eliptix R-20和一个3路控制导阀。可以将出水压力控制在一个稳定精确的范围内。

The pressure reducing valve consists of an eliptix R-20 and a 3-way pilot control valve. The outlet pressure can be controlled in a stable and accurate range.

若出水端压力出现轻微变化时，控制系统将会迅速反应调节流量，以此矫正压力。通过3路导阀控制系统，

If the outlet pressure changes slightly, the control system will quickly adjust the flow to correct the pressure. Through the 3-way pilot valve control system,

减压过程能够被精准、稳定的操控。

the decompression process can be controlled accurately and stably.

**性能特点 PERFORMANCE CHARACTERISTICS**

✓ 耐用，高质量，可满足多种工程标准需求

Durable, high quality, can meet the needs of a variety of engineering standards

✓ 使用寿命长且维护成本低

Long service life and low maintenance cost

✓ 独特的技术，独创性的设计和性能

Unique technology, original design and performance

✓ 对流态扰动小，水头损失低

Small disturbance to flow pattern and low head loss

✓ 低气蚀设计

Low cavitation design

✓ 椭圆形隔膜保证高灵敏度

Oval diaphragm ensures high sensitivity

✓ 导阀腔体较小保证快速反应

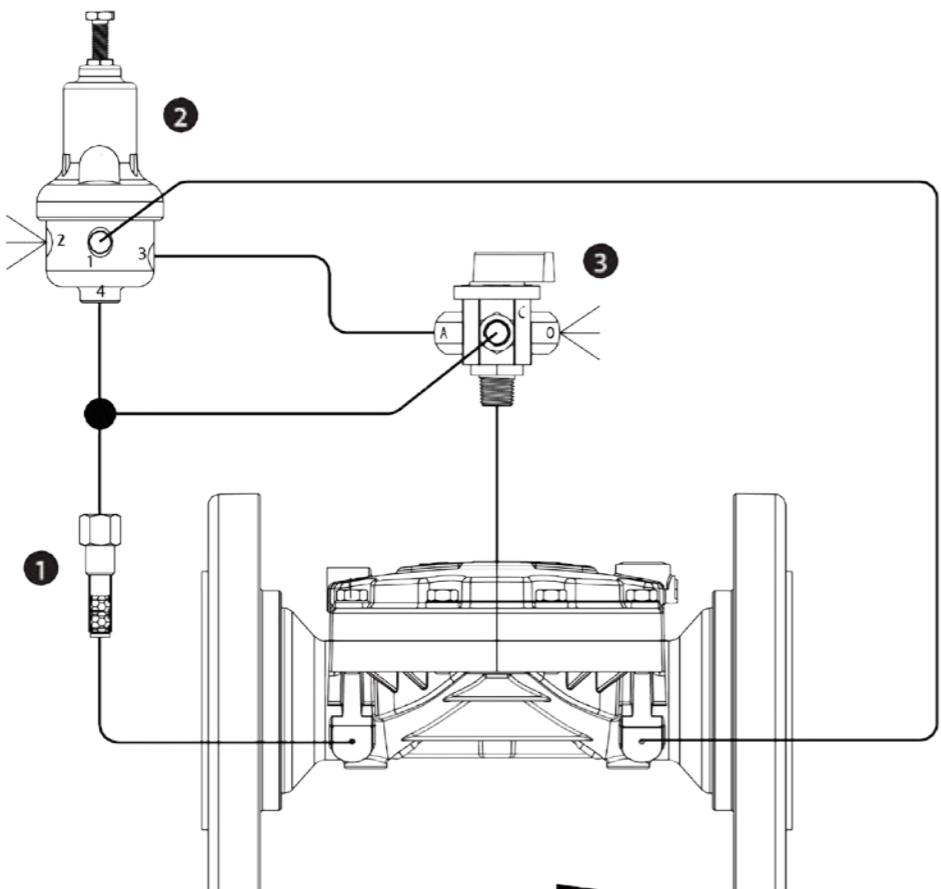
The small cavity of pilot valve ensures fast reaction

## 控制回路原理图

Schematic diagram of control circuit

组成  
Formation

1. 过滤器  
1. Filter
2. P-31M 多功能导阀  
2. P-31m multi function pilot valve
3. 手动过载安全阀  
3. Manual overload safety valve



Pressure Reducing Control Valve - 3 Way

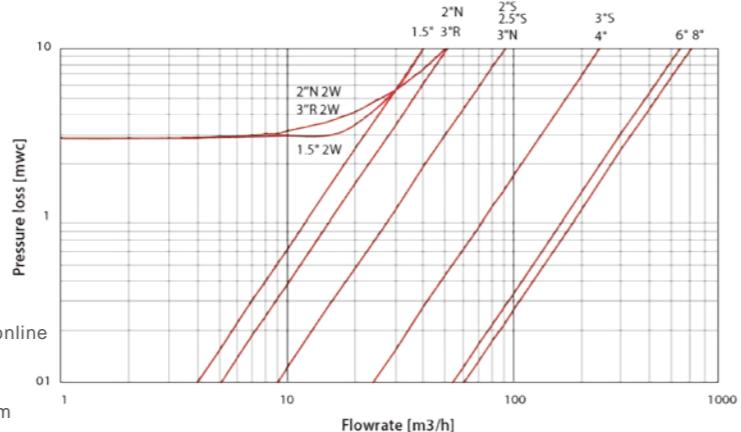
## 采购须知

Purchase notice

无论终端用户的用水量如何变化，该水力控制阀能够自动控制出水端压力以保持系统预设压力。  
No matter how the end user's water consumption changes, the hydraulic control valve can automatically control the outlet pressure to maintain the system's preset pressure.

该控制阀为水力驱动、屋脊式、在线工作  
The control valve is a hydraulically driven, roof-type, online working valve. There are only two movable components in the online

阀门。在线主阀内只有两个活动组件：弹簧隔膜和弹簧。其中隔膜为主阀的唯一密封组件。  
main valve: the spring diaphragm and the spring. The diaphragm is the only sealing component of the main valve.



## 技术规格

Technical specifications

Series R-20 PN10

自驱动，屋脊式隔膜水力控制阀

Self-driven, roof-type diaphragm hydraulic control valve

材 质 Material	阀体&阀盖 Body & Bonnet	复合材质: 增强尼龙/聚丙烯 Composite material: reinforced nylon/polypropylene
	隔膜 Diaphragm	天然橡胶/EPDM Natural rubber/EPDM
	螺栓 bolt	增强尼龙/不锈钢316 Reinforced nylon/stainless steel 316
	导管 catheter	镀锌钴钢/不锈钢316 Galvanized Cobalt Steel/Stainless Steel 316
工作压力 Work pressure		最大工作压力: 10bar Maximum working pressure: 10bar 最小工作压力: 0.4bar (视隔膜具体种类而定) Minimum working pressure: 0.4bar (depending on the specific type of diaphragm)
工作水温范围 Working water temperature range		5~60°C

## 导阀技术规格

Pilot valve technical specifications

Model: P-21 R PN10

弹簧 2路水力控制导阀

Spring 2-way hydraulic control pilot valve

材 质 Material	阀体 Valve body	复合材质: 增强尼龙/聚丙烯 Composite material: reinforced nylon/polypropylene
	弹性体: 天然橡胶/EPDM/NBR Elastomer: Natural rubber/EPDM/NBR	金属: 不锈钢303/不锈钢316, 黄铜 Metal: stainless steel 303/stainless steel 316, brass
	内部组件 Internal components	复合材质: 增强尼龙/聚丙烯 Composite material: reinforced nylon/polypropylene
	弹簧 spring	不锈钢302 Stainless steel 302
	工作压力 Work pressure	最大工作压力-10bar Maximum working pressure: 10bar 最小工作压力-0.4bar Minimum working pressure: 0.4bar
工作水温范围 Working water temperature range		5~60°C

## 安装与储存建议

Installation and storage recommendations

- ✓ 注意冲洗阀内管道以除去碎屑等杂质  
Pay attention to flushing the pipeline inside the valve to remove debris and other impurities
- ✓ 阀盖上的箭头方向务必与系统水流方向一致  
The direction of the arrow on the valve cover must be consistent with the direction of the system water flow
- ✓ 按照特定型号与尺寸产品的推荐力矩紧固螺栓  
Tighten the bolts according to the recommended torque of the specific model and size product
- ✓ 切勿超过力矩  
Do not exceed the torque

- ✓ 紧固螺栓时请依次对角紧固  
When tightening the bolts, tighten them diagonally
- ✓ 若在低温天气下须关闭系统，务必将控制系统的水排空  
If the system needs to be shut down in low temperature weather, the water in the control system must be drained

## SMART WATER METER 智能水表

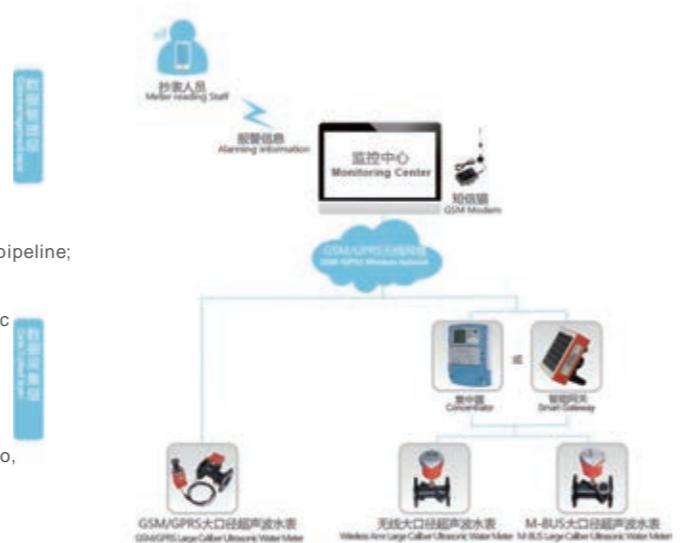
FS型智能水表（简称智能水表）是由流量传感器、温度传感器、压力传感器（可选功能）、微处理器等组成，采用先进的超声波测量技术，用于计量流经管道中水流的仪表。该智能水表可通过M-BUS接口、RS-485接口、无线通讯接口与其他设备通信，组成远传抄表管理系统，供水单位可以随时抄取表中数据，方便对用户用水量的管理。若用户订货时提出明确需求，智能水表的数据通讯可支持用户自定义的协议。

The smart water meter can communicate with other devices through the M-BUS interface, RS-485 interface, and wireless communication interface to form a remote meter reading management system. The water supply unit can read the data in the meter at any time to facilitate the management of the user's water consumption.

If the user puts forward a clear demand when placing an order, the data communication of the smart water meter can support the user-defined protocol.

**性能特点** PERFORMANCE CHARACTERISTICS

- ✓ 采用先进的超声波测量技术，精确计量、显示、存贮流经管道的水量； Adopt advanced ultrasonic measurement technology to accurately measure, display and store the amount of water flowing through the pipeline;
- ✓ 采用分段校准、电位自动跟踪、水垢自动清洗等先进技术； Adopt advanced technologies such as segmented calibration, automatic potential tracking, and automatic scale cleaning;
- ✓ 有计量精度高、量程比宽、可靠性强、寿命长等优点； It has the advantages of high measurement accuracy, wide range ratio, strong reliability, and long life;
- ✓ 防水等级达到IP68； Waterproof grade reaches IP68;
- ✓ 计量精度高、施工简单、操作简单，可远传抄控，有利于现代化管理； High measurement accuracy, simple construction, simple operation, remote transmission and copy control, which is conducive to modern management;
- ✓ 可定期产生低频谐波自动清洗传感器污垢，保证长期计量的准确性； It can periodically generate low-frequency harmonics to automatically clean the dirt of the sensor to ensure the accuracy of long-term measurement;
- ✓ 支持阶梯水价，响应国家节能减排政策，方便水价调整； Support tiered water prices, respond to national energy conservation and emission reduction policies, and facilitate water price adjustments
- ✓ 多样查询统计和数据分析功能，方便数据收集统计； Various query statistics and data analysis functions to facilitate data collection and statistics;
- ✓ 全防水工艺设计，适用于户外地面、地下表井等多种场合。 Full waterproof process design, suitable for outdoor ground, underground surface well and other occasions.



水电双计量机井灌溉控制柜是农业机井灌溉管理系统的核心设备，它将射频卡机井控制器、三相电能表、断路器、交流接触器、电机保护器、浪涌保护器及相应配电器件集成在一个箱体内，可实时采集灌溉用电量、用水量或灌溉时间并自动收取灌溉费用。

## 技术参数 TECHNICAL PARAMETERS

- ◆ 显示方式：LCD面板  
Display mode: LCD panel
- ◆ 显示范围：-99999999 ~ +99999999  
Display range: - 9999999 ~ + 9999999
- ◆ IC卡读卡：读卡时间≤1秒；读卡距离≤5厘米  
IC card reading: reading time 1 second; reading distance 5 cm
- ◆ 远程通讯接口：GPRS、TTL、RS232、RS485  
remote communication interface: GPRS, TTL, RS232, RS485 optional
- ◆ 供电电源：AC380V/AC220V  
Power supply: AC380V / AC220V
- ◆ 工作环境：温度：-40 ~ 85°C；湿度：≤95%；  
Working environment: temperature: - 40 ~ 85 °C, humidity: ≤ 95%;
- ◆ 无凝露，无导电尘埃，无爆炸物品  
No condensation, no conductive dust, no explosives
- ◆ 安装方式：壁挂安装、落地安装  
Installation method: wall mounted and floor mounted

## 性能特点 PERFORMANCE CHARACTERISTICS





# 喷头/管接件/配件

NOZZLE/ACCESSORIES

## GROUND SCREWDRIVER 地插式旋转微喷头

### 特点 FEATURES

- ✓ 适用于温室大棚、园林、绿地  
Suitable for greenhouse, garden and green space
- ✓ 有广泛的喷洒直径范围和流量范围  
There is a wide range of spray diameter and flow range
- ✓ 多种颜色喷嘴可任意更换，易于组装、维修  
The nozzles of various colors can be replaced at will, easy to assemble and maintain

The range of ground penetration is 1 m above the ground



图片 Photo		0.8	1.0	1.2	1.4	1.6	1.8	
工 作 压 力 (MPa)	0.1	流量 (L/h) Flow rate (L/h)	21	24.8	48.6	74.4	87.6	108
	0.15	半径 (m) Radius (m)	2.8	3.1	3.3	3.6	3.7	3.8
	0.2	流量 (L/h) Flow rate (L/h)	25.2	42	58.8	89.4	107.4	132
	0.25	半径 (m) Radius (m)	3.1	3.5	3.7	4.0	4.2	4.4
	0.3	流量 (L/h) Flow rate (L/h)	28.2	48.6	69	91.8	106.2	128.4
		半径 (m) Radius (m)	303	3.7	4.0	4.3	4.5	4.6
0.25	0.25	流量 (L/h) Flow rate (L/h)	30.6	48	73.8	100.2	117	139.2
	0.3	半径 (m) Radius (m)	3.5	3.9	4.3	4.6	4.7	4.9
		流量 (L/h) Flow rate (L/h)	34.2	51.6	82.2	106.8	127.8	153
		半径 (m) Radius (m)	3.7	4.1	4.6	4.8	5.0	5.2

### 地插式G型旋转微喷头

Ground plug G-type rotary micro sprinkler

\* 地插射程，离地1m测  
The range of ground penetration is 1 m above the ground

**温馨提示**  
Kindly reminder  
地插杆请插入地面0.2m左右  
Please insert the ground plug into the ground for about 0.2m to avoid instability. If the hose can not be connected to the interface, it can be connected after soaking in hot water.

图片 Photo		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	
工 作 压 力 (MPa)	0.1	流量 (L/h) Flow rate (L/h)	23.4	36.6	48.6	66	91.2	105	124.8	151.2
	0.15	半径 (m) Radius (m)	2.5	2.6	3.2	3.3	3.4	3.5	3.6	3.6
	0.2	流量 (L/h) Flow rate (L/h)	24.6	42.6	57.0	80.4	109.8	133.2	161.4	193.2
	0.25	半径 (m) Radius (m)	2.8	3.0	3.5	3.6	3.9	4.0	4.1	4.2
	0.3	流量 (L/h) Flow rate (L/h)	31.8	46.8	55.2	93.0	107.4	151.2	186.6	226.8
		半径 (m) Radius (m)	3.0	3.2	3.6	4.0	4.0	4.1	4.3	4.3
0.25	0.25	流量 (L/h) Flow rate (L/h)	32.4	47.4	58.8	88.2	119.4	148.8	181.8	215.4
	0.3	半径 (m) Radius (m)	3.2	3.5	3.8	4.3	4.4	4.4	4.5	4.6
		流量 (L/h) Flow rate (L/h)	33.0	51.0	63.6	96.0	129.6	161.4	198.6	237.0
		半径 (m) Radius (m)	3.5	3.7	3.9	4.4	4.5	4.5	4.7	4.8

\* 地插射程，离地1m测  
The range of ground penetration is 1 m above the ground

## 地插式G型旋转微喷头

Ground plug G-type rotary micro sprinkler

图片 Photo										
口径 (mm) Diameter		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	
工作压力 (Mpa)	0.1	流量 (L/h)	21	34.8	48.6	74.4	87.6	108	128.4	157.2
	0.15	半径 (m)	2.5	2.5	2.8	3.0	3.5	3.7	3.8	4.0
	0.2	流量 (L/h)	25.2	42	58.8	89.4	107.4	132	156	197.4
	0.25	半径 (m)	2.8	2.8	3.1	3.8	3.8	4.0	4.3	
	0.3	流量 (L/h)	28.2	48.6	69	91.8	106.2	128.4	183.6	230.4
	0.1	半径 (m)	3.0	3.0	3.3	4.0	4.0	4.5	4.6	4.8
	0.15	流量 (L/h)	30.6	48	73.8	100.2	117	139.2	202.8	258
	0.2	半径 (m)	3.1	3.1	3.5	4.2	4.2	4.6	4.8	
	0.25	流量 (L/h)	34.2	51.6	82.2	106.8	127.8	153	217.8	282
	0.3	半径 (m)	3.3	3.3	3.8	4.3	4.5	4.8	5.0	5.2

图片 Photo										
口径 (mm) Diameter		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	
工作压力 (Mpa)	0.1	流量 (L/h)	23.4	36.6	48.6	66	91.2	105	124.8	151.2
	0.15	半径 (m)	2.4	2.5	2.6	2.7	3.0	3.1	3.3	3.4
	0.2	流量 (L/h)	24.6	42.6	57.0	80.4	109.8	133.2	161.4	193.2
	0.25	半径 (m)	2.7	2.8	3.0	3.1	3.3	3.3	3.4	3.5
	0.3	流量 (L/h)	31.8	46.8	55.2	93.0	107.4	151.2	186.6	226.8
	0.1	半径 (m)	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
	0.15	流量 (L/h)	32.4	47.4	58.8	88.2	119.4	148.8	181.8	215.4
	0.2	半径 (m)	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.0
	0.25	流量 (L/h)	33.0	51.0	63.6	96.0	129.6	161.4	198.6	237.0
	0.3	半径 (m)	3.3	3.4	3.5	3.6	3.7	3.8	4.1	4.1

图片 Photo										
口径 (mm) Diameter		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	
工作压力 (Mpa)	0.1	流量 (L/h)	23.4	36.6	48.6	66.0	91.2	105	124.8	151.2
	0.15	半径 (m)	1.0	1.1	1.2	1.4	1.8	2.4	2.5	2.5
	0.2	流量 (L/h)	24.6	42.6	57.0	80.4	109.8	133.2	161.4	193.2
	0.25	半径 (m)	1.1	1.2	1.3	1.4	2.0	2.7	2.9	3.0
	0.3	流量 (L/h)	31.8	46.8	55.2	93.0	107.4	151.2	186.6	226.8
	0.1	半径 (m)	1.1	1.2	1.3	1.6	2.3	2.8	3.0	3.1
	0.15	流量 (L/h)	32.4	47.4	58.8	88.2	119.4	148.8	181.8	215.4
	0.2	半径 (m)	1.2	1.3	1.4	1.7	2.6	3.0	3.3	3.4
	0.25	流量 (L/h)	33.0	51.0	63.6	96.0	129.6	161.4	198.6	237.0
	0.3	半径 (m)	1.2	1.3	1.5	1.7	2.9	3.1	3.4	3.5

\* 地插射程, 离地1m测  
The range of ground penetration is 1 m above the ground

图片 Photo										
口径 (mm) Diameter		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	
工作压力 (Mpa)	0.1	流量 (L/h)	23.4	30.6	46.8	63.0	87.6	100.2	127.8	148.8
	0.15	半径 (m)	2.4	2.4	3.7	3.7	3.8	3.9	4.0	
	0.2	流量 (L/h)	27.6	37.2	54.6	68.4	105.0	121.8	154.8	180.6
	0.25	半径 (m)	2.4	2.4	4.0	4.2	4.3	4.4	4.6	
	0.3	流量 (L/h)	31.8	43.2	63.0	78.0	121.8	140.4	179.4	213.6
	0.1	半径 (m)	2.5	2.5	4.2	4.3	4.4	4.5	4.6	
	0.15	流量 (L/h)	36.0	54	69.0	89.4	132.6	158.4	201.0	240.6
	0.2	半径 (m)	2.5	2.5	4.4	4.6	4.7	4.8	5.0	
	0.25	流量 (L/h)	39.0	59.4	75.9	94.8	151.2	189.6	211.2	271.2
	0.3	半径 (m)	2.6	2.6	4.5	4.8	5.0	5.1	5.2	5.5

\* 地插射程, 离地1m测  
The range of ground penetration is 1 m above the ground

图片 Photo									
口径 (mm) Diameter		0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2
工作压力 (Mpa)	0.1	流量 (L/h)	21	34.8	48.6				

## OVERHAND MICRO SPRAY 倒挂微喷头



### 技术参数 TECHNICAL PARAMETERS

图片 Photo									
产品名称	倒挂式360°旋转微喷头 Inverted 360 ° rotary micro sprinkler				倒挂式360°宾耐特旋转微喷头 Inverted 360 ° Bennett rotary micro sprinkler				
口径 (mm) Diameter	2.0	1.6	2.0	2.0	6.0(内插式)	6.0(外插式)	7.5(外插式)		
工作压力 (MPa) Working Pressure (MPa)	0.1	流量 (L/h) Flow rate (L/h)	125.4	96.9	127.8	125.4	97.8	127.8	121.8
	0.15	半径 (m) Radius (m)	3.5	2.7	4.5	2.8	2.7	2.7	2.7
	0.2	流量 (L/h) Flow rate (L/h)	151.8	117.6	156.0	151.8	157.2	157.2	151.8
	0.25	半径 (m) Radius (m)	4.0	3.0	5.0	3.2	3.2	3.2	3.2
	0.3	流量 (L/h) Flow rate (L/h)	174.0	134.4	181.2	174.0	184.2	184.2	173.4
	0.1	半径 (m) Radius (m)	4.4	3.2	5.2	3.5	3.5	3.5	3.5
	0.25	流量 (L/h) Flow rate (L/h)	194.4	150.9	201.0	194.4	206.4	206.4	199.2
	0.3	半径 (m) Radius (m)	4.8	3.4	5.4	4.0	4.0	4.0	4.0

\* 倒挂射程, 离地1.8m测  
The range of ground penetration is 1.8 m above the ground

## ATOMIZATION MICRO SPRAY 雾化微喷



### 技术参数 TECHNICAL PARAMETERS

图片 Photo									
口径 (mm) Diameter	0.8	0.8	0.6	0.6	0.8	0.8	0.6	0.6	0.6
工作压力 (MPa) Working Pressure (MPa)	0.1	流量 (L/h) Flow rate (L/h)	/	/	/	/	/	/	/
	0.15	半径 (m) Radius (m)	/	/	/	/	/	/	/
	0.2	流量 (L/h) Flow rate (L/h)	7.8	7.0	6.6	5.9	34.8	31.2	23.1
	0.25	半径 (m) Radius (m)	0.15	0.15	0.1	0.1	0.6	0.6	0.55
	0.3	流量 (L/h) Flow rate (L/h)	9	8.1	7.2	6.5	39.6	35.4	26.4
	0.1	半径 (m) Radius (m)	0.2	0.2	0.15	0.15	0.65	0.65	0.6
	0.25	流量 (L/h) Flow rate (L/h)	9.6	8.6	7.8	7.0	43.5	39.0	30.0
	0.3	半径 (m) Radius (m)	0.25	0.25	0.2	0.2	0.7	0.7	0.65

\* 倒挂射程, 离地1.8m测  
The range of ground penetration is 1.8 m above the ground

# IMPACT SPRINKLER 摇臂喷头



图片 Photo	可控角	可控角	双钩	可控角	可控角
压力 Pressure	0.15-0.3Mpa	0.2-0.3Mpa			
流量 (m³/h)	0.75-1.2	2.3-2.8			
半径 (m) Diameter	6-11	13-15			
连接尺寸 Connection size	1/2"、3/4" 外螺纹 1 / 2 ", 3 / 4 " external thread	1/2" 外螺纹 1 / 2 " external thread	喷嘴 spray nozzle 2.0/2.5/3.2/3.5/4.0mm	0.05-0.4Mpa 0.4-1.3m³/h 8-12m	0.15-0.4Mpa 0.841-1.62 8-12

图片 Photo	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa
流量 (m³/h)	0.841-1.62	0.95-1.13	0.95-1.13	0.5-1.19	0.5-1.19
半径 (m) Diameter	8-12	10-13	10-13	8-13	8-13
连接尺寸 Connection size	1/2" 外螺纹 1 / 2 ", 3 / 4 " external thread	1/2"、3/4" 外螺纹 1 / 2 ", 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 内螺纹 1 / 2 " external thread

图片 Photo	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.15-0.25Mpa	0.15-0.25Mpa	0.15-0.4Mpa	0.2-0.3Mpa	0.2-0.3Mpa
流量 (m³/h)	0.3-1.32	0.3-1.32	1.5-2.3	2.3-2.8	2.3-2.8
半径 (m) Diameter	7-15.5	7-15.5	12-18	13-15	13-15
连接尺寸 Connection size	3/4" 内螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread

图片 Photo	可控角	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa
流量 (m³/h)	1.5-2.3	1.5-2.3	1.5-2.3	1.5-2.3	1.5-2.3	1.5-2.3
半径 (m) Diameter	12-18	12-18	12-18	12-18	12-18	12-18
连接尺寸 Connection size	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	1/2" 外螺纹 1 / 2 " external thread

图片 Photo	可控角	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.15-0.3Mpa	0.12-0.4Mpa	0.12-0.4Mpa	0.12-0.4Mpa	0.15-0.4Mpa	0.15-0.4Mpa
流量 (m³/h)	1.1-3.7	2.47-3.0	2.47-3.0	2.47-3.0	1.5-2.3	1.5-2.3
半径 (m) Diameter	14-18	8-18	8-18	8-18	12-18	12-18
连接尺寸 Connection size	3/4" 外螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread	3/4" 外螺纹 3 / 4 " external thread

图片 Photo	可控角	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.2-0.55Mpa	0.2-0.55Mpa	0.2-0.55Mpa	0.2-0.55Mpa	0.2-0.55Mpa	0.4-0.5Mpa
流量 (m³/h)	2.7-3.75m³/h 3.1/7.0mm	4.5-6.2	4.5-6.2	4.5-6.2	0.8-3.25	0.8-3.25
半径 (m) Diameter	18-25m 13-20	12-19	12-19	12-19	12-19	12-18
连接尺寸 Connection size	1" 外螺纹 1 " external thread	1" 内螺纹 1 " external thread	1" 全圆 1 " full circle	3/4" 外螺纹 3 / 4 " external thread	3/4" 内螺纹 3 / 4 " external thread	1" 全圆 1 " full circle

图片 Photo	可控角	可控角	可控角	可控角	可控角	可控角
压力 Pressure	0.2-0.5Mpa	0.4-0.5Mpa	0.2-0.5Mpa	0.2-0.5Mpa	0.2-0.5Mpa	0.2-0.6Mpa
流量 (m³/h)	2.5-7.0	2.98-3.4	2.5-7.0	2.5-7.0	2.5-7.0	9.12-31.98
半径 (m) Diameter	18-25 12-18	18-25	18-25	18-25	18-25	20-36
连接尺寸 Connection size	1" 全圆 1 " full circle	3/2" 全圆 3/2 " full circle				

## OVERHAND MICRO SPRAY 倒挂微喷

### 特点 FEATURES

✓ 防滴器、卡扣和倒刺的连接方式  
Connection mode of anti dripping device, buckle and barb

✓ 可安装至距离地面高度1.8米左右  
It can be installed about 1.8m above the ground

PE管连接方式 Connection mode of PE pipe	重锤 Heavy hammer	喷头连接方式 Nozzle connection mode	防滴器 Anti dripping device
1-双勾 Double hook	1	1-内接6.0 Internal 6.0	A 
2-大小单勾 Big and small single hook	2	2-外接6.0 External 6.0	B  C  D  E  F  G  H 
3-十字快接 Cross quick connect	3	3-外接7.5 Internal 7.5	



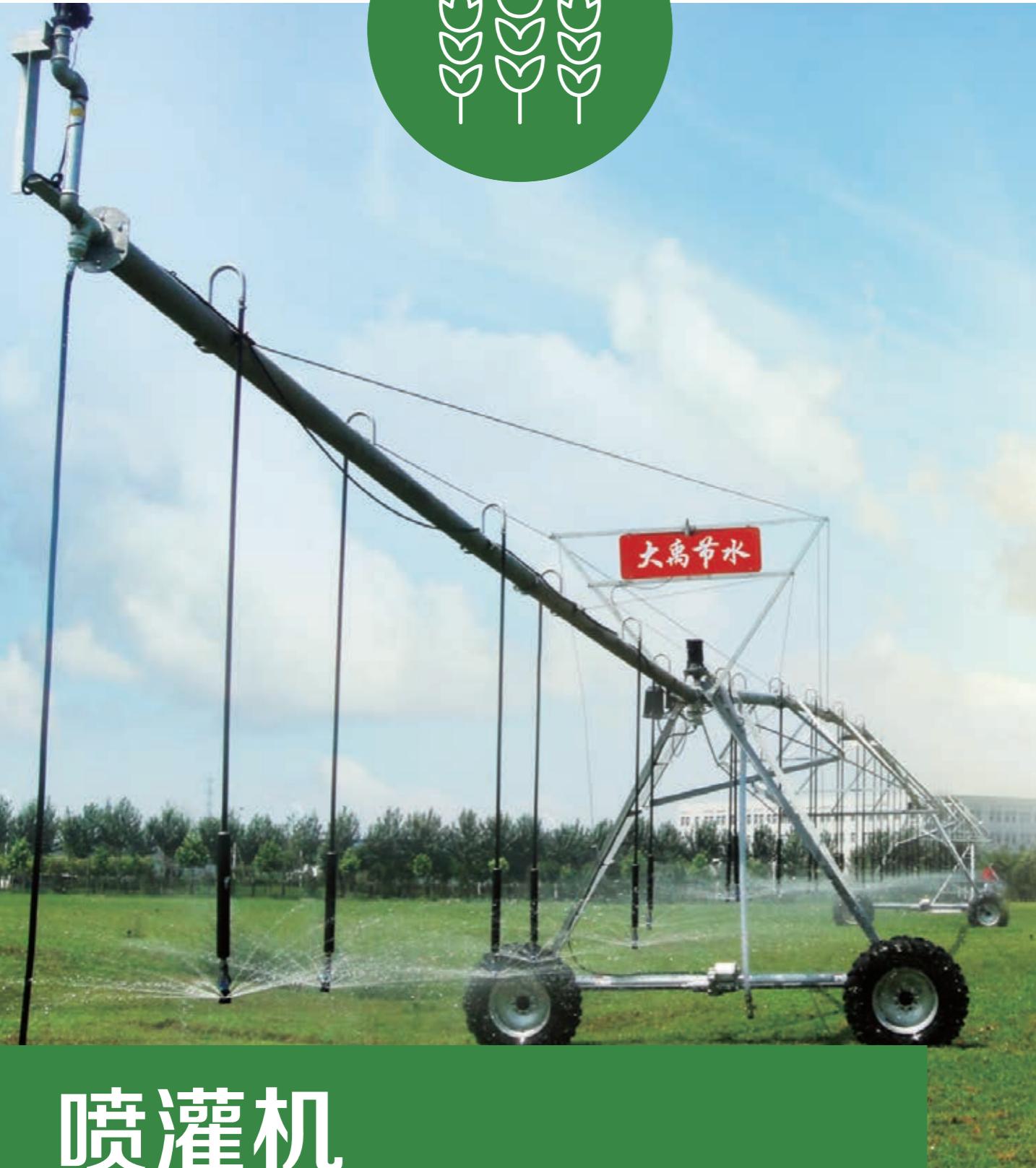
## GROUND MICRO SPRAY 地插微喷

PE管连接方式 Connection mode of PE pipe	地插杆 Ground stick	喷头连接方式 Nozzle connection mode
1-双勾 Double hook	1	1-内接6.0 Internal 6.0
	2	2-外接6.0 External 6.0
2-大小单勾 Big and small single hook	3	3-外接7.5 Internal 7.5
		4-移动三件套 Mobile three piece set



# 喷灌机

## SPRINKLER



### HOSE REEL IRRIGATOR 卷盘式喷灌机

卷盘式喷灌机是一种将牵引PE管缠绕在绞盘上，利用喷灌压力水驱动水涡轮旋转，经变速装置驱动绞盘旋转，拉动喷头车移动和喷洒的灌溉设备。  
 The reel sprinkling irrigation machine is a kind of irrigation equipment, in which the traction PE pipe is wound on the winch, the water turbine is driven to rotate by the sprinkling pressure water, and the winch is driven to rotate by the speed change device to pull the sprinkler car to move and spray.

型号 Model number	管道直径 mm Pipe diameter	管道长度 m Pipe length
JP1000 (2轮/升降底盘/液压助力) (2 wheels / lifting chassis / hydraulic power)	90	450
	90	500
	90	550
	100	400
	100	450
	100	500
	110	350
	125	260
JP1100 (2轮/升降底盘/液压助力) (2 wheels / lifting chassis / hydraulic power)	100	550
	100	600
	110	450
	110	480
	125	300
	125	350
JP1400 (4轮/升降底盘/液压助力) (4 wheels / lifting chassis / hydraulic power)	110	600
	110	650
	125	550
	125	600
	140	500
	150	400



型号 Model number	管道直径 mm Pipe diameter	管道长度 m Pipe length
JP600(2轮/固定底盘) JP600 (2 wheels / fixed chassis)	65	250
	65	300
JP700(2轮/固定底盘) JP700 (2 wheels / fixed chassis)	65	350
	65	400
JP800(2轮/固定底盘) JP800 (2 wheels / fixed chassis)	75	300
	90	250
	65	450
	75	350
JP900(2轮/固定底盘) JP900 (2 wheels / fixed chassis)	75	400
	90	300
	75	500
	75	550
	90	350
	100	350
	110	300





### 「地毯式·零遗漏」 Rectangle cover, no corner missing

平移式喷灌机是唯一能够全部覆盖所有灌溉区域的设备，在方形地块中“地毯式”

The translational sprinkler irrigation machine is the only equipment that can cover all irrigation areas. In the square plot, "carpet" propulsion does not leave any dead angle, and the coverage rate reaches 99%.

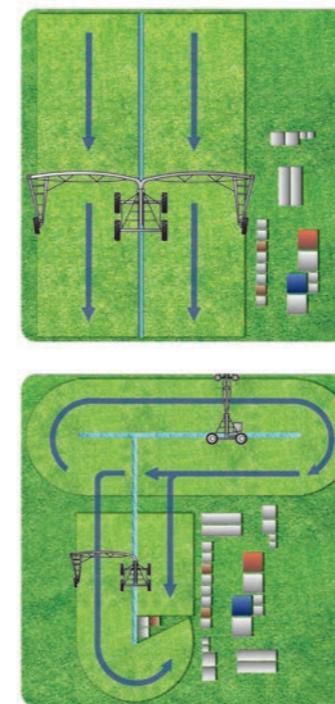


渠道供水，主机自带柴油发动机、发电机和水泵，渠中水泵吸水管带自清洗过滤装置，导向系统一般采用钢缆引导，渠道可在中间，也可放在喷灌机的一端。单机控制面积为975亩至1950亩。

The main engine is equipped with diesel engine, generator and water pump. The suction pipe of the water pump in the canal is equipped with self-cleaning filter. The guiding system is generally guided by steel cable. The canal can be in the middle or at one end of the sprinkler. The single machine control area is 975 Mu to 1950 mu.

管道供水，由管道提供供水压力，主机可由自带柴油发动机、发电机、也可由高强度的专用电缆来提供动力。主机有两轮和四轮之分，

The main engine can be powered by its own diesel engine, generator and high-strength special cable. The main engine can be divided into two wheels and four wheels, and the control area of single engine should not be more than 975



**LATERAL MOVE IRRIGATOR**  
**平移式喷灌机**

设备整体在电机驱动的轮胎带动下沿田地做往复平移运动，形成矩形的灌溉区域，这种设备就是平移式喷灌机。与中心支轴灌溉机不同的是，中心支轴式所灌溉的面积只取决于喷灌机的长度，而平移式喷灌机所灌溉的面积取决于喷灌机长度及平移距离两个因素。

平移式喷灌机适用于牧草、谷类、蔬菜、棉花、甘蔗等经济作物的灌溉。可从1跨到18跨任意选择，但一般7跨以上较为经济。

平移式喷灌机有渠道供水和管道供水两种方式：

There are two ways of water supply: channel water supply and pipeline water supply

平移式喷灌机的设计要考虑以下要素：

The following factors should be considered in the design of translational sprinkler irrigation machine:

A、水源：水井出水量/水泵功率

A. Water source: well output / pump power

B、输水方式：水渠的规格/水渠溢满及泄洪沟

B. Water conveyance mode: canal specification / canal overflow and spillway

C、喷灌机系统：管道尺寸/电力供应/水泵/发电机

C. Sprinkler system: pipe size / power supply / pump / generator



12

Kilometers

杰出的设计确保平移式喷灌机行进12公里无偏差。

Excellent design ensures that the translational sprinkler can travel 12 km without deviation



Irrigation 时针式·喷灌

Clockwise sprinkler irrigation



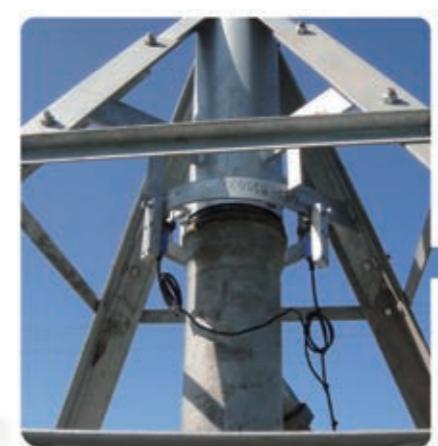
**中心支轴式喷灌机**, 也称时针式喷灌机。喷灌机中心支轴端固定, 其余部分在电机带动下绕固定端做圆周运动。通过中心支轴端的接口, 水驱动由电机。通过接口在中心支轴端, 水从河里或井里用泵提上来, 被送到喷灌机机架上的水管中, 再通过喷头将水送到田里, 实现自动灌溉。这种方式的优势在于只要有一个供水点, 就可以实现200亩-2000亩的喷灌, 大大节省人力, 节约水资源。

该钢架结构有不同的设计, 可适合不同长度的喷灌机。最轻便的结构适用于仅一跨加悬臂 (80米) 的小型设备, 节省材料成本, 适于小型地块灌溉。最重型的结构设计适用于十一跨 (650m) 的大型设备, 角钢及地脚螺栓设计坚固耐用, 不会因重力或风力影响而损坏。

20  
YEARS



20年使用寿命 20 years working life

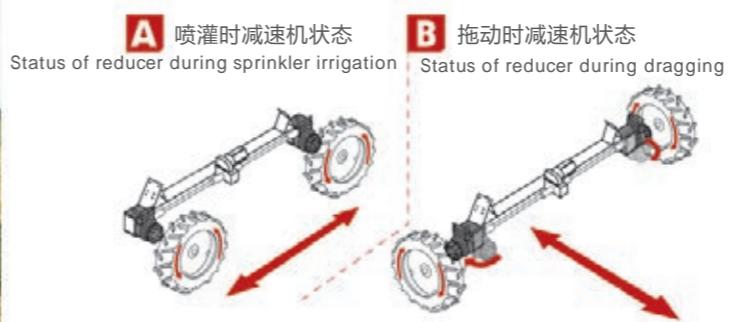
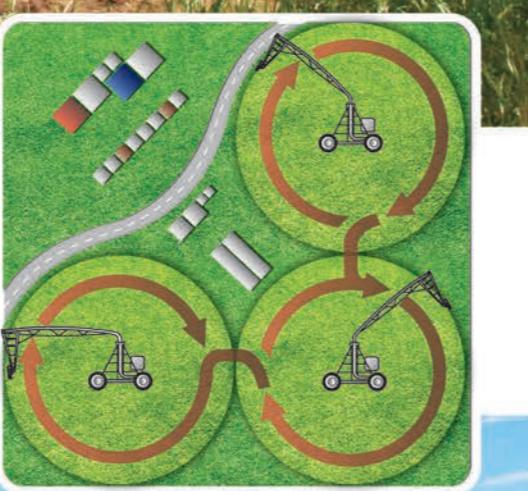




### Copy farms

### 绿色图章·可复制的农田

一台喷灌机覆盖多个地块，拥有一台可拖移喷灌机代表您拥有了复制农田的能力，拖到哪里，哪里就有绿色。  
A sprinkler machine covers multiple plots. Having a towed sprinkler machine means that you have the ability to copy farmland. Where you drag it, there will be green.



打开减速机离合器，将减速机调整至正确位置之后将其锁定，然后方可拖动。  
Open the reducer clutch, adjust the reducer to the correct position, lock it, and then drag it.



在中心支轴上装有3个或4个轮胎。当某一块地灌溉结束后，可将喷灌机拖到另外一块地上继续喷灌，这种设计可以实现一台机器灌溉多处地块，大大节约单位面积的投资成本。  
Three or four tires are installed on the central axle. When one piece of land is irrigated, the sprinkler can be towed to another piece of land to continue spraying irrigation. This design can realize one machine to irrigate multiple plots and greatly save the investment cost per unit area.

用户可针对自身需求为灌机添加新功能  
Users can add new functions to the irrigation machine according to their own needs (同样适用于固定式中心支轴喷灌机) :

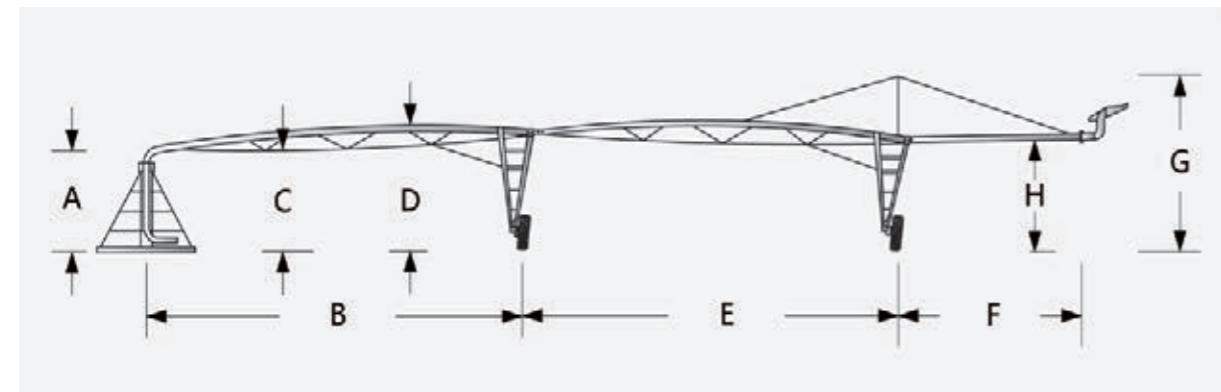
柴油发电机 (10kw-15kw) 可安装在中心支轴上  
The diesel generator (10kw-15kw) can be installed on the central axis and move randomly. In the plot without power supply, it can provide power for the sprinkler irrigation machine, which solves the problem of power difference among plots.

独特的喷枪角度控制系统允许用户自行设定喷洒角度  
The unique spray gun angle control system allows users to set their own spray angle, design rotation angle for different terrain, and design the most accurate coverage scheme for each irrigation circle.

喷灌机自动反转/停止角度控制系统，赋予喷灌机应对复杂地形的能力，当喷灌机行走至障碍物时设备将自动停止或反转。  
The automatic reverse / stop angle control system of the sprinkler gives the sprinkler the ability to deal with complex terrain. When the sprinkler walks to an obstacle, the equipment will automatically stop or reverse.



优异设计确保500米长的喷灌机在拖移中保持稳定  
Excellent design ensures that the 50 meter long sprinkler is stable during towing



悬臂长度 Cantilever length			
悬臂长度 Overhang length	F	G	H
11'- 3.35m	14' - 4.27m	17'6"- 5.33m	11'5"-3.48m
22'- 6.71m	25' - 7.62m	17'6"-5.33m	11'5"-3.48m
33'- 10.06m	36' - 10.97m	17'6"-5.33m	11'5"-3.48m
44'- 13.41m	47' - 14.32m	17'6"- 5.33m	11'5"-3.48m
55'- 16.76m	58' - 17.68m	22' - 6.70m	
66'- 20.12m	69' - 21.03m	22' - 6.70m	
88'- 26.82m	91' - 27.73m	22' - 6.70m	



## SPAN DESIGNING 跨体设计

管道直径 Pipe Size	每跨长度 Span Length	跨体尺寸 Span size				
		A	B	C	D	E
10"-254mm	135'-41.15m	13'2"-4.01m	135'9"-41.37m	9'2"-2.79m	14'2"-4.32m	135'-41.15m
8"-203mm	135'-41.15m	12'10"-3.91m	136'1"-41.47m	9'7"-2.92m	14'7"-4.45m	135'2"-41.20m
8"-203mm	157'-47.85m	12'10"-3.91m	158"-48.16m	9'10"-3.00m	14'10"-4.52m	157'-47.85m
8"-203mm	179'-54.56m	12'10"-3.91m	180'2"-54.91m	9'6"-2.90m	14'10"-4.52m	178'11"-54.53m
6-5/8"-168mm	135'-41.15m	12'10"-3.91m	136"-34.57m	9'8"-2.95m	14'10"-4.52m	135'-41.15m
6-5/8"-168mm	157'-47.85m	12'10"-3.91m	158'1"-48.18m	9'11"-3.02m	15'2"-4.62m	157'1"-47.88m
6-5/8"-168mm	179'-54.56m	12'10"-3.91m	180'2"-54.91m	9'6"-2.90m	14'10"-4.52m	178'11"-54.53m
6-5/8"-168mm	201'-61.26m	12'10"-3.91m	201'3"-61.34m	10'1"-3.07m	15'1"-4.60m	200'2"-61.01m
5-9/16"-141mm	157'-47.85m	12'10"-3.91m	158"-48.16m	9'9"-2.97m	15'1"-4.60m	157'6"-48.01m
5-9/16"-141mm	179'-54.56m	12'10"-3.91m	180"-54.86m	9'6"-2.90m	14'10"-4.52m	179'-54.56m

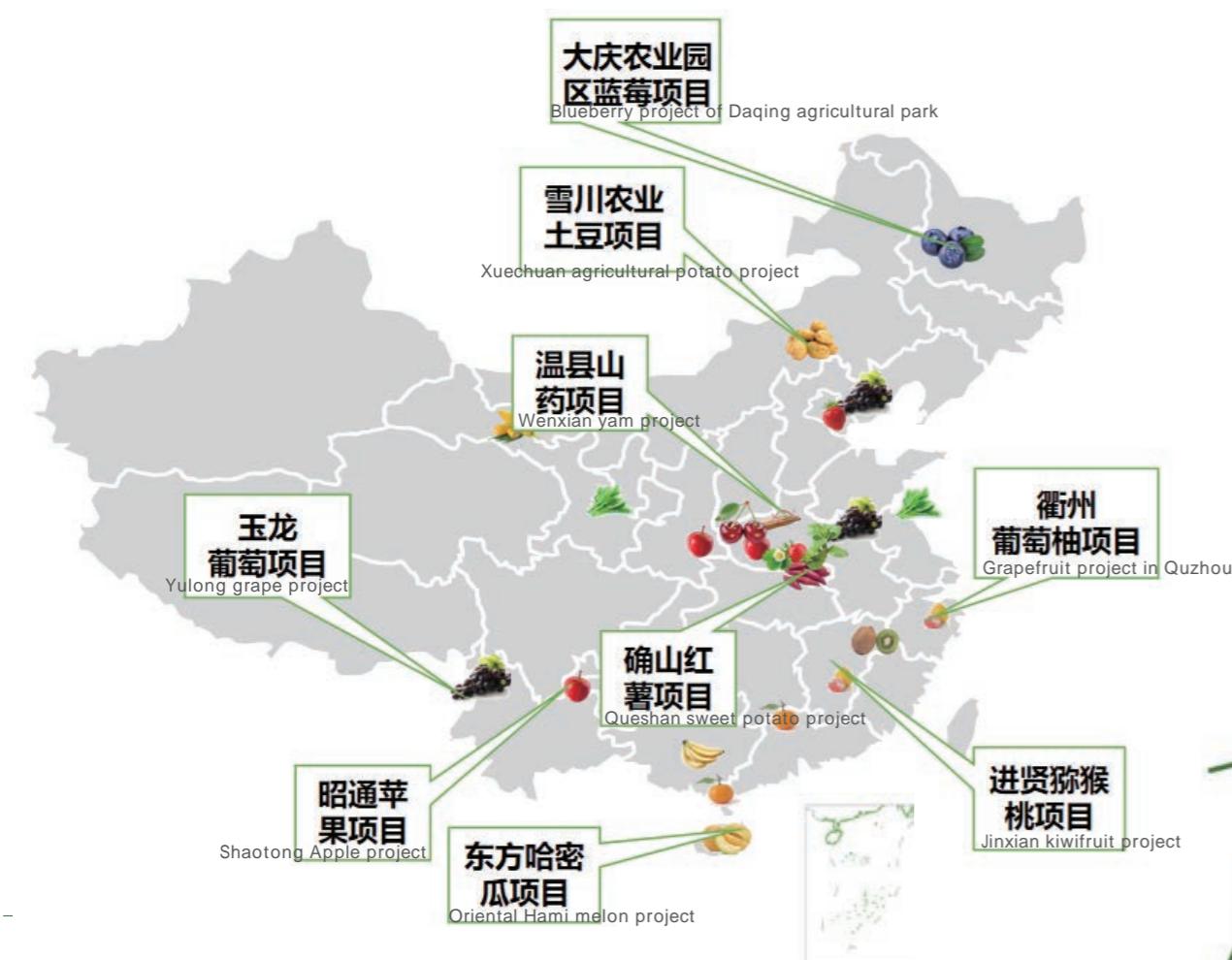


## SMART AGRICULTURE 智慧农业

智慧农业是农业生产的高级阶段，其基于互联网、云计算、大数据、物联网和人工智能，依托部署在生产现场的各种传感节点和无线通信网络实现农业生产环境的智能感知、智能预警、智能分析、智能决策、专家在线指导，为农业生产提供精准化种植、可视化管理、智能化决策。

Smart agriculture is an advanced stage of agricultural production, which is based on Internet, cloud computing, big data, Internet of things and artificial intelligence. Relying on various sensor nodes and wireless communication networks deployed in the production site, it realizes intelligent perception, intelligent warning, intelligent analysis, intelligent decision-making and expert online guidance of agricultural production environment, and provides precise planting and visual management for agricultural production Intelligent decision making.





## OVERALL SOLUTION 整体解决方案

### 整体解决方案

大禹农业通过与互联网、物联网、5G等头部企业的强强联合，凭借在节水灌溉水肥一体

化领域的传统优势，共建智慧农业生态体系。发挥生态伙伴各自的优势输出整体解决系统，  
为客户提供一站式高效精准智慧农业综合解决方案，包括项目的规划设计、设备安装、设施

输出的总体解决方案，并为客户提供一站式的高效率精准和智能农业综合解决方案，包括项目的规划和设计、设备安装、设施系统、监控设备等物联网硬件体系，数据分析、实时监控管理等软件体系，以及维修及日常  
项目规划和设计、设备安装、设施系统、监控设备等物联网硬件体系，数据分析、实时监控管理等软件体系，以及维修及日常  
维护等售后服务体系在内的全套解决方案。

management and other software systems, as well as repair and daily maintenance and other after-sales service systems.

**01** 项目现场全面勘察  
Comprehensive investigation of project site

**02** 水文气象资料调查  
Investigation of hydrometeorological data

**03** 作物水肥特性了解  
Understanding of crop water and fertilizer characteristics

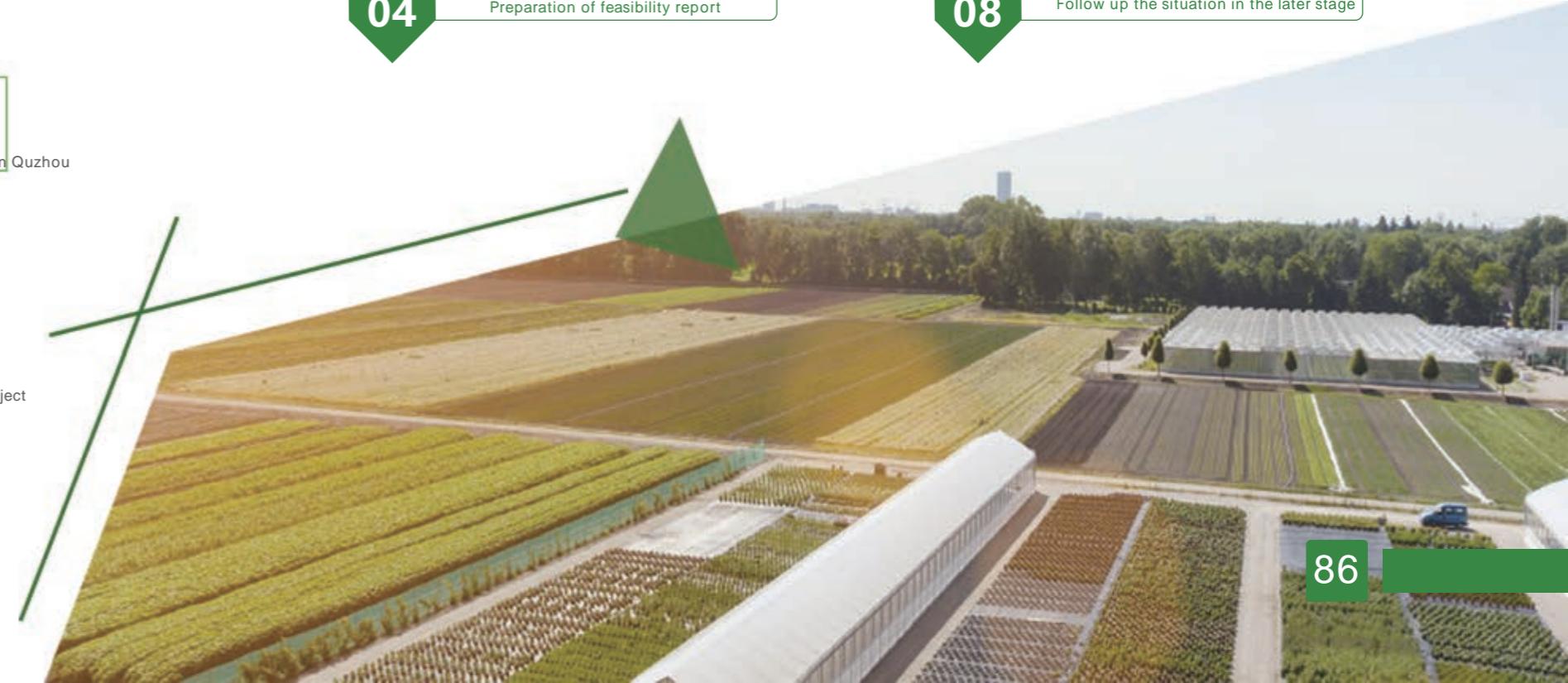
**04** 可行性报告的编制  
Preparation of feasibility report

**05** 灌水制度优化设计  
Optimal design of irrigation system

**06** 工程方案量身定制  
Engineering scheme customization

**07** 使用维护全面培训  
Comprehensive training on operation and maintenance

**08** 后期状况持续跟进  
Follow up the situation in the later stage



①

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规划设计

Planning and design  
杭州、兰州  
Hangzhou and Lanzhou  
两大设计院  
design institutes

项目建设

Project construction  
水利水电施工  
First class qualification of water  
conservancy and hydropower  
construction general contracting

高效农业

Efficient agriculture  
精准农业  
Precision agriculture  
智慧农业  
Smart agriculture  
数字农业  
Digital agriculture

产品制造

Product manufacturing  
全国14家生  
14 production bases in China  
产地

项目投资

Project investment  
400亿农田水利  
Investment fund of farmland and water  
产业投资资金  
conservancy industry of 40billion

运营管理

Operation management  
全国300多家网点  
More than 300 outlets nationwide  
全天候、全区域  
provide all-weather and regional  
技术支持  
technical support

节水灌溉全产业链集成服务商

Integrated service provider of water saving irrigation industry chain  
“五位一体”农业灌溉整体解决方案服务商  
"Five in one" agricultural irrigation overall solution service provider