

OUTANS(欧顿) 致力于全球环境洁净领域



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BRIEF INTRODUCTION 公司简介

让工业环保变得更简单
Make industrial environmental protection easier

OUTANS(欧顿) ，致力于全球环境洁净领域领先品牌！

江苏欧顿环保科技有限公司成立于2002年，坐落于文化名城龙城常州，紧邻国际大都会上海和省会南京，生产基地紧邻沪宁高速，公司占地20余亩，拥有生产厂房2万平方米，员工80余人，其中专业研发团队8人，销售团队15人,公司总部位于常州创意产业园，设有公司运营部、营销中心、研发中心、售后服务中心、产品体验中心、企划中心等部门。

江苏欧顿环保科技有限公司是一家专业从事袋式除尘器配件研发、生产、销售和环保技术相关的高新技术企业。公司通过国家相关产品认证企业、质量、环境等认证企业，公司多个产品获国家专利证书、质量信得过企业，公司拥有袋式除尘器技术研发中心、实验中心、检测中心等配套实施。我们以全球科技发展为导向，2014年通过与国外知名工业清洁空气净化专业企业进行合作，引进先进的空气净化技术和先进的产生、管理模式，投入大量资金对电磁脉冲阀膜片和除尘滤料产品进行研发，并获得显著成果，使得欧顿产品在国内市场占有一席之地，产品质量媲美美国产品，使得欧顿公司在袋式除尘行业起到跨越性作用。我们的产品包括电磁脉冲阀、脉冲喷吹控制仪、除尘滤袋、除尘袋笼、除尘器专用气缸、专用配件、电气控制柜及过滤筒、气动助流产品等，是国内生产袋式除尘器配件品种较为齐全、质量稳定的高新技术企业。其袋式除尘产品广泛应用于电力、冶金、建材、垃圾焚烧、化工等行业。在过去的数年里，公司的产品和服务得到了市场的认可及肯定，产品出口到数十个国家。

公司严谨实施ISO9001质量、ISO14001环境良好操作规范等管理体系，全员秉承“领先科技，引导未来”的创新理念，以领先工艺技术研发的袋式除尘配件等主要产品系列已取得国家专利，引进专业技术和管理人才，并与本领域科研机构，进行一体化人才开发和科学技术的合作，引导未来高新环保技术材料领域的创新研发，并提供一流的产品和满意的服务。公司拥有年产18万只电磁脉冲阀生产线、50万只滤袋专用生产线，年产1.5万台清灰控制仪净化车间。公司测试设备齐全，生产工艺先进，所具有基本实现自动化及半自动化生产，使产品性能和质量较为稳定,从而保证了欧顿产品的市场竞争力。

以全新的市场理念，建立以客户为中心，完善的客户信息反馈系统，认真研究客户的意见，不断的改进，以专业的销售、售后服务，赢得客户的信任,并树立坚定不移的以质取胜的信念，使欧顿产品在市场竞争激烈情况下立足更稳，优化更强。欧顿人愿为您提供质量过硬，价格合理的好产品，为环保事业做出能力，我们的产品愿能为您提升品质而骄傲。

Jiangsu Outans Environmental Protection Technology Co., Ltd. was established in 2002. It is located in the cultural city of Longcity, Changzhou, close to the international metropolis Shanghai and the provincial capital Nanjing. The production base is close to the Shanghai-Nanjing Expressway. The company covers an area of more than 20 acres and has a production plant of 20,000 square meters. , There are more than 80 employees, including 8 professional R & D team and 15 sales team. The company is headquartered in Changzhou Creative Industrial Park, with the company operation department, marketing center, research and development center, after-sales service center, product experience center, planning center and other departments.

Jiangsu Outans Environmental Protection Technology Co., Ltd. is a high-tech enterprise specializing in the research and development, production, sales and environmental protection technology of bag filter accessories. The company has passed national related product certification enterprises, quality, environment and other certification enterprises. Many of the company's products have obtained national patent certificates and quality trustworthy enterprises. The company has bag dust collector technology research and development center, experiment center, testing center and other supporting implementation. We are guided by the development of global science and technology. In 2014, by cooperating with foreign well-known industrial clean air purification professional enterprises, we introduced advanced air purification technology and advanced generation and management models, and invested a lot of money in electromagnetic pulse valve diaphragms and dust removal filters. Product research and development, and achieved significant results, so that Orton products occupy a place in the domestic market, product quality comparable to foreign products, so that Orton companies play a leapfrog role in the bag dust industry. Our products include electromagnetic pulse valves, pulse injection controllers, dust filter bags, dust bag cages, special cylinders for dust collectors, special accessories, electrical control cabinets and filter cartridges, pneumatic flow products, etc., which are domestically produced bag dust collectors. A high-tech enterprise with a complete range of accessories and the stable quality. Its bag-type dust removal products are widely used in power, metallurgy, building materials, waste incineration, chemical industry and other industries. In the past few years, the company's products and services have been recognized and affirmed by the market, and the products have been exported to dozens of countries.

The company strictly implements management systems such as ISO9001 quality and ISO14001 environmental good operation standards. All employees adhere to the innovative concept of "leading technology and guide the future". The main product series such as bag dust removal accessories developed with leading technology have obtained national patents and introduced professional Technical and management talents, and cooperate with scientific research institutions in this field to develop integrated talents and cooperate with science and technology to guide the innovative research and development of high-tech environmental protection technology materials in the future, and provide first-class products and satisfactory services. The company has a production line with an annual output of 180,000 electromagnetic pulse valves, a special production line with 500,000 filter bags, and an annual output of 15,000 sets of dust cleaning controllers. The company has complete testing equipment and advanced production technology. It has basically realized automated and semi-automated production; it makes the product performance and quality more stable, thus ensuring the market competitiveness of Orton products.

With a brand-new market concept, establish a customer-centric and perfect customer information feedback system, carefully study the opinions of customers, continuously improve, and win the trust of customers with professional sales and after-sales service, and establish a firm quality The belief in winning has made Orton products more stable and optimized under the fierce market competition. Orton people are willing to provide you with good products of good quality and reasonable price, and make the ability for environmental protection. Our products are willing to be proud of your quality.





荣誉与资质

HONORS AND QUALIFICATIONS

欧顿质量方针：

时刻铭记质量是欧顿生存的基石，是客户选择欧顿的理由。

我们把客户要求与期望准确传递到欧顿全系产品，共同构建质量；

我们尊重规则流程，一次把事情做对；我们发挥员工潜能，持续改进；

我们与客户一起共构质量体系，快速响应客户需求，实现可持续发展。

欧顿承诺向客户提供高质量的产品、服务和解决方案，持续不断让客户体验到我们致力于为每个客户创造价值。

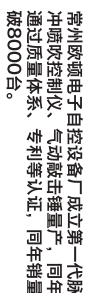
让工业环保变得更简单
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欧顿公司经过多年钢厂、电厂等大型企业实践，推出高端品牌“OMTON”系列电磁脉冲阀，采用国外先进行配方使用寿命达5年以上，最长钢厂记录8年以上。进口使用产品。出口国家达20余个。



公司第一条袋笼和滤袋生产线投入生产，同年并增加至3条生产线，更名为常州欧顿环保科技有限公司，电磁脉冲阀销量破7万，脉冲控制仪销量破2万并实现“0”售后。

欧顿公司客户回馈年，推出“情亲无忧体验”活动，让客户无忧使用。同年公司涉足互联网行业，欧顿电商平台筹划上线，同年公司专利达到60项。常州欧顿环保科技有限公司正式升格为江苏欧顿环保科技有限公司，脉冲电磁阀销量破20万台。

江苏欧顿环保科技有限公司将伴随着国家对环境治理改善居住环境等政策，积极开拓环保产业链，从精于制造迈向精于智造，积极为民族环保事业贡献一份力量。



生产与设备 PRODUCTION AND EQUIPMENT



A 欧顿公司拥有多条国内先进框架焊接成套生产线，我们制造的每一个框架都能符合轻巧、光滑、挺直的要求。
The company has a number of the advanced framework welding sets of production lines, we manufacture a framework can meet the requirements of lightweight, smooth, straight.

B 欧顿公司引进专用缝纫设备，采用优质滤料、结合精湛的缝制技术，高质量生产各种袋式除尘器所需滤袋。
The company introduced a dedicated sewing equipment, using high-quality materials, combined with superb sewing techniques, high quality required for production of various baghouse filter bags.

C 欧顿公司引进国际先进技术，采用先进的制造工艺，专业的检测设备确保年产15万只电磁脉冲阀100%合格。
The company has introduced international advanced technology, advanced manufacturing technology, professional testing equipment to ensure 100% pass an annual output of 150,000 electromagnetic pulse valve.

D 欧顿公司气动敲击锤产品与国际知名公司合作研发，产品通过150万次敲击次数试验检测，无需更换任何部件。
Company pneumatic percussion hammer products internationally renowned company cooperation in research and development, product by 1,500,000 percussion detection, without replacing any parts.

E 欧顿公司有多年电子产品生产研发经验，研发生产的脉冲喷吹控制仪与国际同步，大部分元件采用进口产品。
Companies have years of experience in research and development of electronic products production, R & D and production of pulse jet control device is synchronized with the international, most of the components are imported products.

F 欧顿公司提供除尘器清灰系统全套配件及技术咨询，每种产品在各国的环保行业中均具有市场较高地位。
The company provides a dust clean system full set of accessories and technical advice, each product has a market leading position in the national environmental protection industry.



产品目录 PRODUCT CATALOG

让工业环保变得更简单
Make industrial environmental protection easier

01 电磁脉冲阀 Electro-Magnetic Pulse valve



DMF-Z Right angle Pulse valve
DMF-Y Submerged Pulse valve
DMF-ZM Right angle type Nut Pulse valve
DMF-T Straight Way Pulse valve
DMF-Ex Explosion-proof Pulse valve

DMF-Z 直角式电磁脉冲阀
DMF-Y 淹没式电磁脉冲阀
DMF-ZM 直角外螺母式电磁脉冲阀
DMF-T 直通式电磁脉冲阀
DMF-Ex 防爆型电磁脉冲阀



02 专用配件 Special Parts



FAP Wall Connector

FAP 仓壁连接器



03 脉冲喷吹控制仪 Pulse Controller



VI On-line pulse controller
IX On-line pulse controller
VI On-line pulse controller
VII Off line differential pressure pulse controller

第五代 在线脉冲控制仪
第八代 在线脉冲阀控制仪
第五代 离线脉冲控制仪
第六代 离线压差脉冲控制仪



04 滤袋 Filter Bag



Filter Bag

滤袋

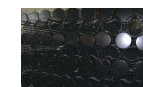


05 框架 Cage



Cage

框架



06 气动助流产品 Pneumatic flow product



Pneumatic percussion hammer
K-series Ball Type Pneumatic Vibrator
GT Series of Pneumatic Turbine Vibration
ODKX Series Of Pneumatic Jar Special Automatic Control Box

气动敲击锤
K系列滚珠式气动振动器
GT系列气动涡轮振动器
ODKX系列气动震击器专用自动控制箱



07 附件维修包 Accessory repair kit

电磁脉冲阀
Electro-Magnetic Pulse valve

DMF-Z



合作单位：



★公司全系采用高品质膜片，部分产品采用原装进口膜片
The company adopts high-quality diaphragms, and some products use original imported diaphragms

- advantage:

 - Imported complete rubber diaphragm
 - High adhesion and strong tensile strength
 - Efficient anti-aging and strong corrosion resistance
 - Longer service life
 - Save maintenance costs and increase production efficiency
- 优点：

 - 进口成套橡胶膜片
 - 高粘合力 and 抗拉伸力度强
 - 高效抗老化性和较强的抗腐蚀性
 - 使用寿命更长
 - 节约维护成本，提高生产效率

产品概述Product Description

电磁脉冲阀专为除尘设备的应用而设计，具有高流量、长寿命、瞬间开关的阀门，由电磁先导控制其开通和关闭，由于先进的设计，使阀门具有良好的流体性，采用高品质丁晴橡胶膜片，故而具有压力损失低，OUTANS欧顿公司多年研发经验使得产品更加成熟，保证了电磁脉冲阀得到脉冲电信号时快速开启和完成脉冲后的迅速关闭。

高纯度铝合金压铸阀体，高品质特殊夹物组成的电磁脉冲阀膜片，使得膜片具有极高的拉伸强度、抗老化性和较低的磨损量，使得OUTANS欧顿公司电磁脉冲阀喷吹寿命高于100万次或三至五年使用不损坏。

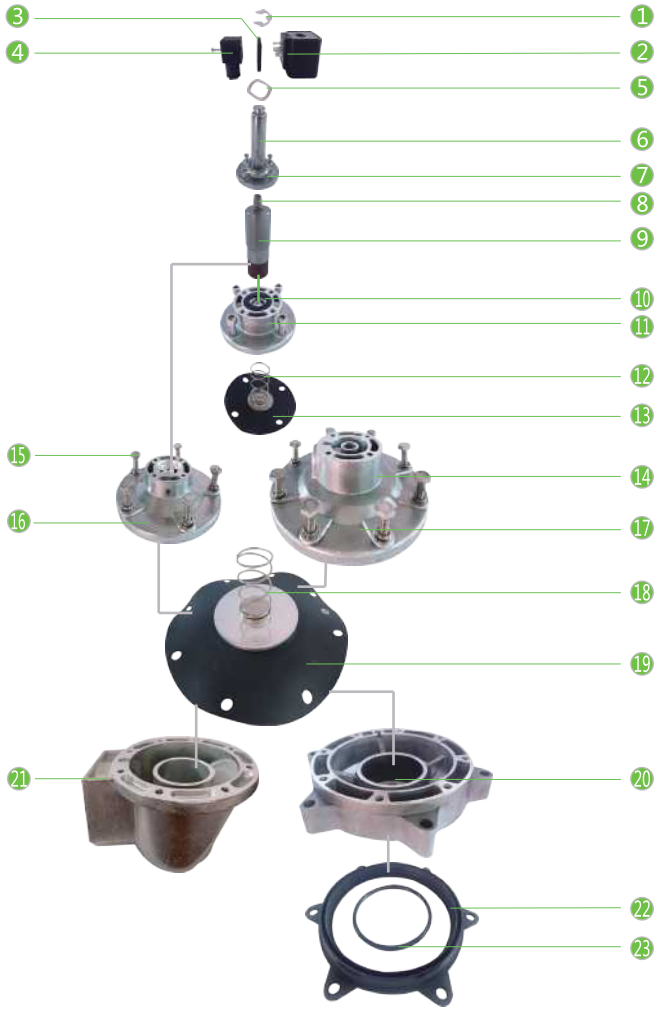
电磁脉冲阀线圈采用高于国标级绝缘注射在防护等级为IP65全灌封，全铜漆包线，圈数高于国家标准，保证电磁脉冲阀600万次通电吸合不损坏，电磁线圈可以在脉冲阀芯上360° 旋转，接线盒可以4×90° 旋转安装，可防止暴露在露天时雨水进入，极大方便了不同角度安装。

The electromagnetic pulse valve is specially designed for the application of dust removal equipment. The valve with high flow rate, long life, and instantaneous opening and closing is controlled by the electromagnetic pilot to open and close. Due to the advanced design, the valve has good fluidity. The rubber diaphragm has low pressure loss. OUTANS has many years of research and development experience to make the product more mature, ensuring that the electromagnetic pulse valve quickly opens when it receives a pulsed electrical signal and closes quickly after the pulse is completed.

The high-purity aluminum alloy die-cast valve body and the electromagnetic pulse valve diaphragm composed of the top special inclusions make the diaphragm have extremely high tensile strength, aging resistance and low wear, making OUTANS electromagnetic pulse valve spray Blowing life is more than 1 million times or three to five years without damage.

The electromagnetic pulse valve coil is higher than the national standard insulation injection. The protection grade is IP65 full potting, all copper enameled wire, the number of turns is higher than the national standard, to ensure that the electromagnetic pulse valve is not damaged when it is energized 6 million times. The core is rotated 360 °, and the junction box can be rotated 4 × 90 ° to prevent rain from entering when exposed to the open air, which greatly facilitates installation at different angles.

电磁脉冲阀组成CompositionOfElectromagnetic pulse valve



明细表Illustrative list

序号 Number	零件名称 components name	配置 Disposition
1、	卡簧block spring	1
2、	电磁线圈solenoid coi	1
3、	密封圈sealing washer	1
4、	接线盒junction box	1
5、	波形垫圈waved washer	1
6、	先导头guidance	1
7、	螺钉screw	4
8、	弹簧spring	1
9、	衔铁armature	1
10、	密封圈sealing washer	1
11、	阀盖valve top	1
12、	弹簧spring	1
13、	膜片(副) diaphragm (assistant)	1
14、	阀盖valve top	1
15、	螺栓bolt	4-8
16、	阀盖valve top	1
17、	螺栓bolt	4-8
18、	弹簧spring	1
19、	膜片(主) diaphragm (primary)	1
20、	淹没阀体flood valve body	1
21、	直角阀体right angle valve body	1
22、	密封圈sealing washer	1
23、	O型圈密封垫O-ring gasket	1

直角式电磁脉冲阀

Right-angle Type

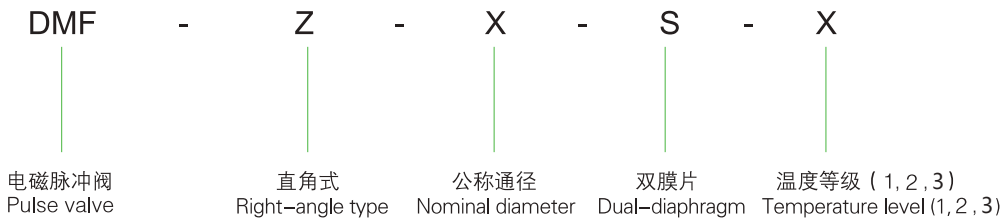
DMF-Z

DMF-Z型电磁脉冲阀输入口与输出口夹角为90° 称之为直角阀，其输入、输出口为内螺纹，分别与分气箱（气包）上的短管或喷吹螺纹管连接，安装方便、气流通畅，能提供理想的清灰气脉冲，适用于各种过滤单元的清灰。

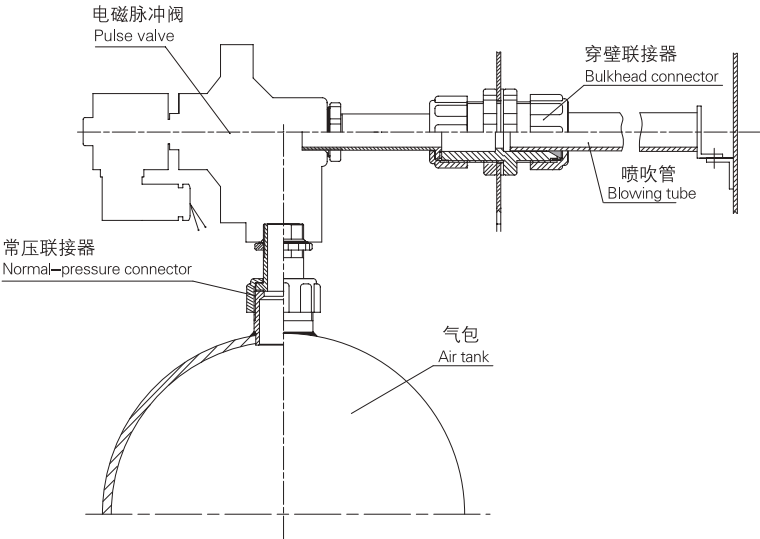
DMF-Z type electromagnetic pulse valve input port and an output port angle is 90 DEG angle valve, internal threads for the input and output, respectively and gas box (air bag) on spools or spray blowing thread connecting pipe, convenient installation, smooth airflow, can provide ideal cleaning Qimai, applicable to all kinds of filter element cleaning.



型号含义Type Definition



安装示意图 Installation Drawing



- DMF-Z 直角式电磁脉冲阀
- DMF-Y 淹没式电磁脉冲阀
- DMF-Ex 防爆型电磁脉冲阀
- DMF-ZM 直角外螺母式电磁脉冲阀
- DMF-T 直通式电磁脉冲阀
- DMF-Z Right angle Pulse valve
- DMF-Y Submerged Pulse valve
- DMF-Ex Explosion-proof Pulse valve
- DMF-ZM Right angle type Nut Pulse valve
- DMF-T Straight Way Pulse valve

使用技术指标Using technical indicators

工作压力 Operating pressure	0.2~0.6MPa		
工作介质 Working medium	清洁空气 Clean air		
电压 Voltage	DC24V	AC110V	AC220V (±10%)
电流 Current	1A	.0 46A	0.23A
温度等级 Temperature level	① 常温 -25℃~85℃	② 高温-25℃~230℃	③ 低温 -40℃~85℃
空气相对湿度 Relative humidity of air	空气的相对湿度 ≤85%		
防护等级 Degree of protection	IP65		
膜片寿命 Diaphragm life	高于100万次，或3-5年		

备注：1.电磁脉冲阀均可装消音器。
Notes: Both the pulse valves may be installed with a muffler.

2.电磁脉冲阀可选配有认证的防爆线圈。
The pulse valves may be installed with a certified explosion-proof solenoid.

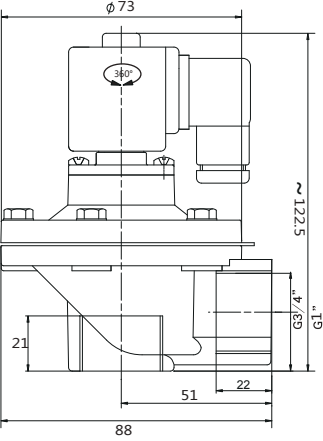
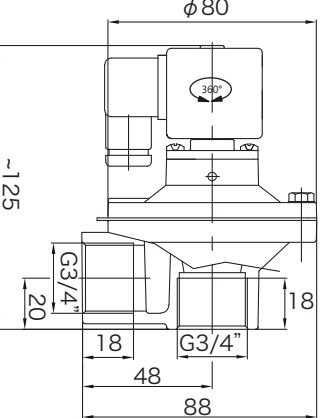
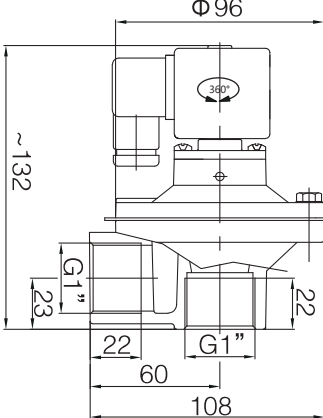
材质说明Material Description

阀体 Body	ADC12铝合金 ADC12 aluminum alloy
卡簧 Clamp spring	304不锈钢 304 stainless steel
先导组件 Pilot component	430FR不锈钢等材料 430FR stainless steel,etc.
膜片 Diaphragm	丁腈橡胶/氟橡胶 Nitrile rubber/fluororubber(high-temperature valve)
弹簧 Spring	304不锈钢 304 stainless steel
紧固件 Fastener	302不锈钢 302 stainless steel

膜片采用顶级成品膜片，质量与进口媲美，超强的拉伸性，每片膜片都经过严格检测后方可进入装配线、装配后每一个成品阀进行检测，各项指标全部合格方可出厂。

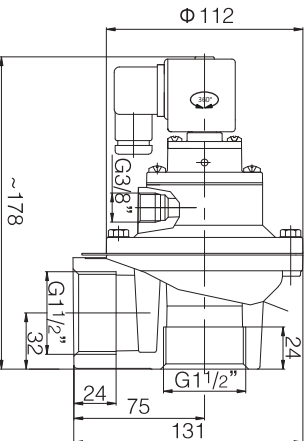
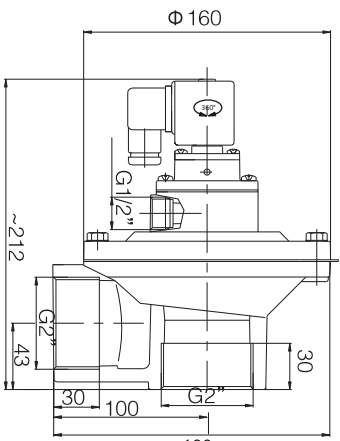
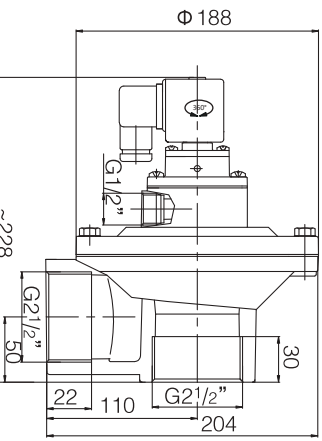
Diaphragm with the top end of the film, the quality and import comparable, super tensile, each piece of the film are strictly detected before entering the assembly line, the assembly after each finished product valve testing, the indicators are all qualified before the factory.

规格尺寸 Specification

DMF-Z-20J/25J (¾") (1")		DMF-Z-20 (¾")		DMF-Z-25 (1")	
					
					
产品结构尺寸图 Product structure dimension drawing		产品结构尺寸图 Product structure dimension drawing		产品结构尺寸图 Product structure dimension drawing	
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
Φ78	0.13L/Ms 0.25L/Ms	Φ80	0.135L/Ms	Φ96	0.25L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
3.5~6 8~10	G3/4"G3/4" G1"G1"	3.5~6	G3/4"G3/4"	8~10	G1"G1"
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm
0.65	1	0.65	1	0.8	1

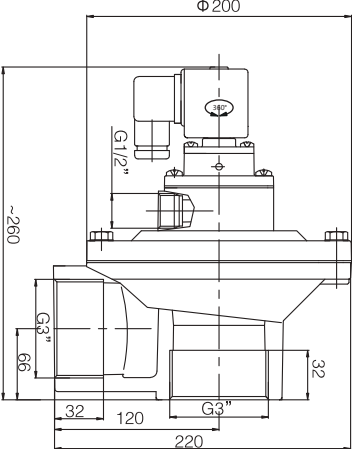
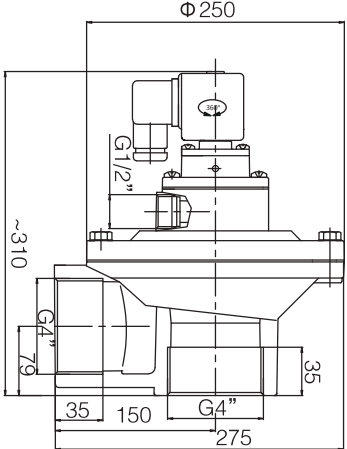
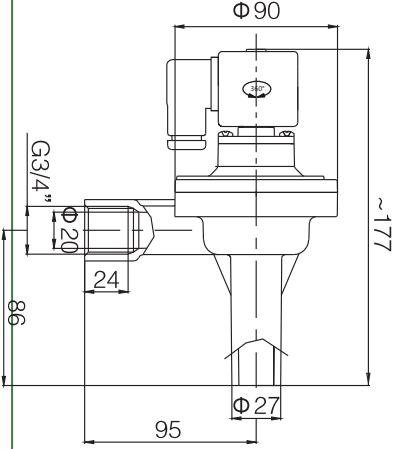
*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

规格尺寸 Specification

DMF-Z-40S (1.5")		DMF-Z-50S (2")		DMF-Z-62S (2.5")	
					
					
产品结构尺寸图 Product structure dimension drawing		产品结构尺寸图 Product structure dimension drawing		产品结构尺寸图 Product structure dimension drawing	
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
Φ112	0.70L/Ms	Φ160	1.25L/Ms	Φ188	2.18L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
12~16	G1½" /G1½"	18~28	G2" /G2"	27~38	G2½" / G2½"
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm
1.4	2	2.4	2	3.5	2

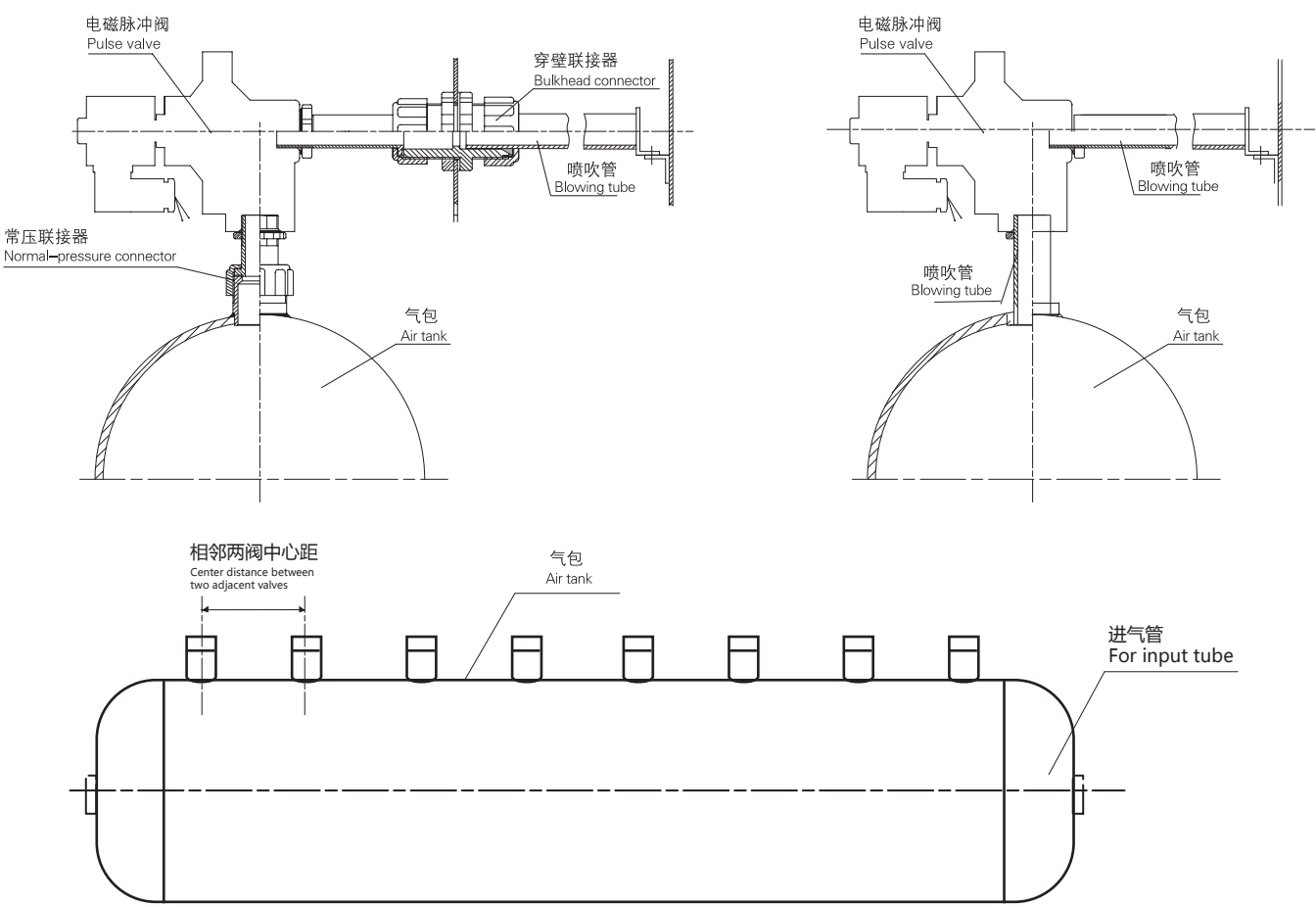
*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

规格尺寸 Specification

DMF-Z-76S (3")		DMF-Z-102S (4")		DMF-2L-B (¾")	
					
					
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)		膜片直径(大膜片) Diaphragm diameter (big diaphragm)	
φ 202	2.79L/Ms	φ 255		φ 90	
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)		喷吹面积(m²) Blowing area(m²)	
37~65	G3" /G3"	70~90		3.5~6	
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)		重量(kg) Weight(kg)	
4.3	2	7.3		0.75	

*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

安装方法 Installation



规格 Size	气箱 Air bag					喷吹管 Blowing tube			相邻两阀 中心距 Center distance between two adjacent valves
	外径 Outer diameter	进气管 内径 Inlet diameter	短管 Short tube			外径 Outer diameter	内径 Inner diameter	螺纹长度 Thread length	
			外径 Outer diameter	内径 Inner diameter	螺纹长度 Thread length				
20 (¾")	φ 114	φ 20	φ 27	φ 20	20	φ 27	φ 20	20	90
25 (1")	φ146	φ20	φ34	φ25	20	φ34	φ25	20	106
40 (1½")	φ168	φ25	φ48	φ40	25	φ48	φ40	25	122
50 (2")	φ219	φ40	φ60	φ50	25	φ60	φ50	25	170
62 (2½")	φ273	φ50	φ76	φ62	25	φ76	φ62	25	198
76 (3")	φ325	φ62	φ89	φ76	30	φ89	φ76	30	210
90 (3½")	φ351	φ76	φ102	φ89	30	φ102	φ89	30	235
102 (4")	φ402	φ76	φ114	φ102	30	φ114	φ102	30	260

*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

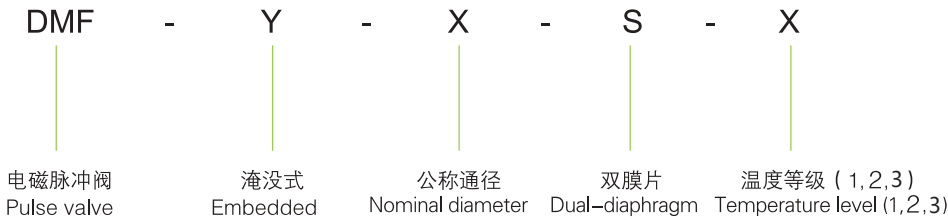
淹没式电磁脉冲阀
Embedded Type
DMF-Y

DMF-Y型电磁脉冲阀直接安装在分气箱（气包）上，称为淹没式（也称嵌入式）低压阀，输出口通过连接管延伸至分气箱与除尘器喷吹管相连，具有流通性好，压力损失小，能在气源压力较低的场合提供理想的清灰脉冲气流，适用于各种过滤单元的清灰。

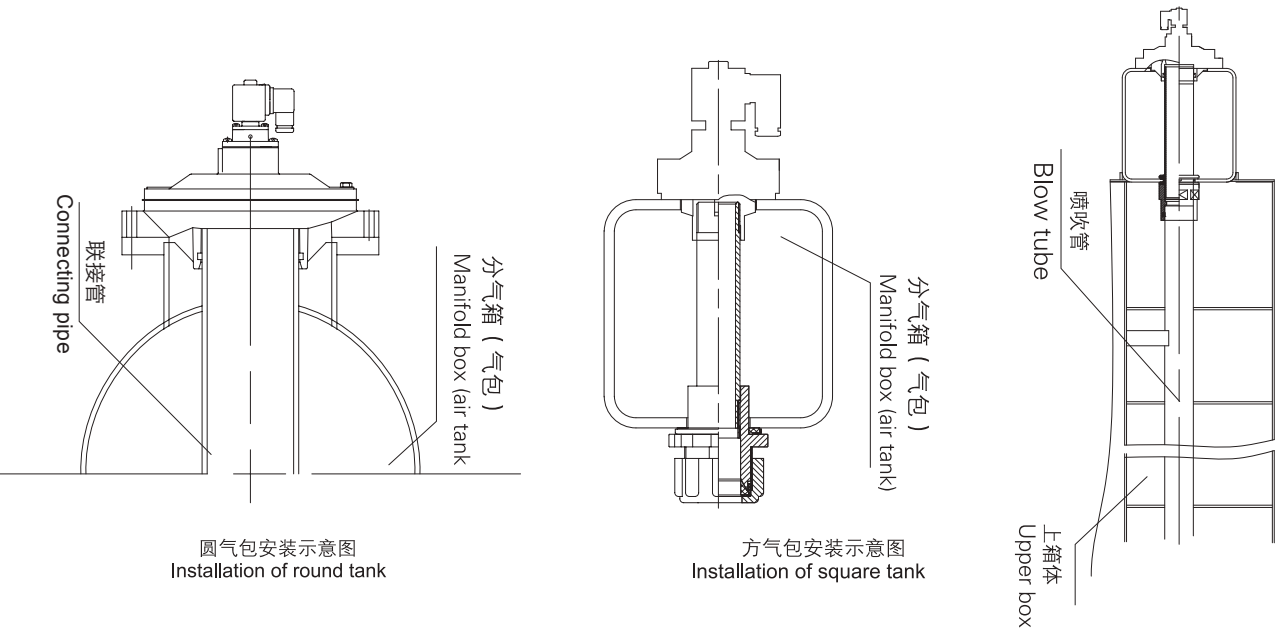
DMF-Y type electromagnetic pulse valve installed directly in gas tank (gas bag), known for submerged (also known as embedded) low pressure valve, and the output port by connecting pipe extends to sub air box and a dust remover injection pipe connected, with good liquidity, low pressure loss, in the field of low pressure gas source to provide ideal deashing pulse flow, suitable for all kinds of filter element cleaning.



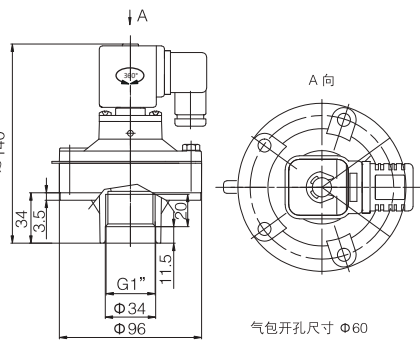
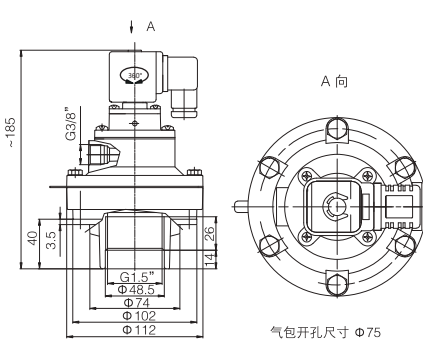
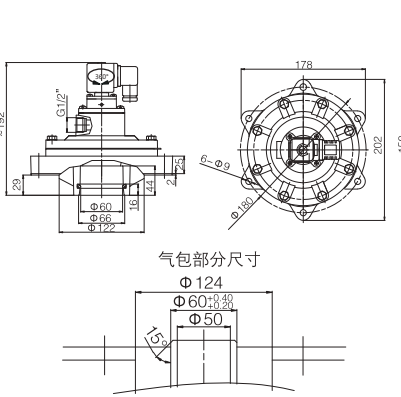
型号含义 *Type Definition*



安装示意图 *Installation Drawing*

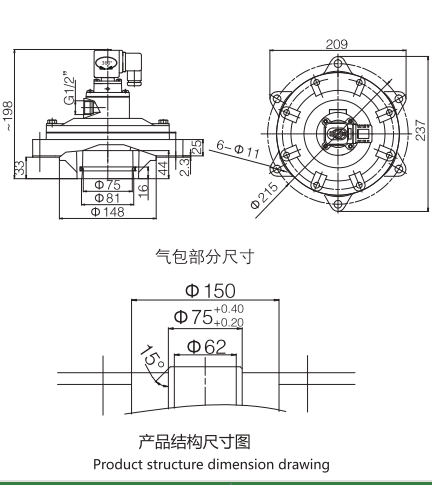
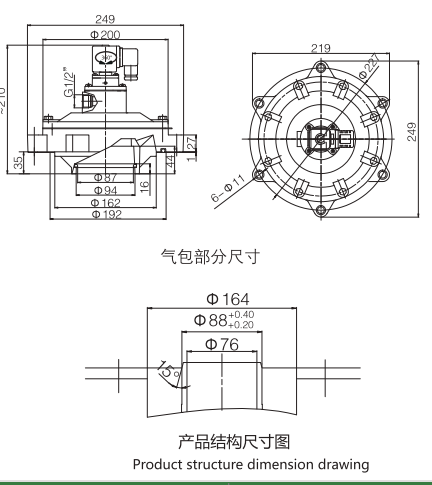
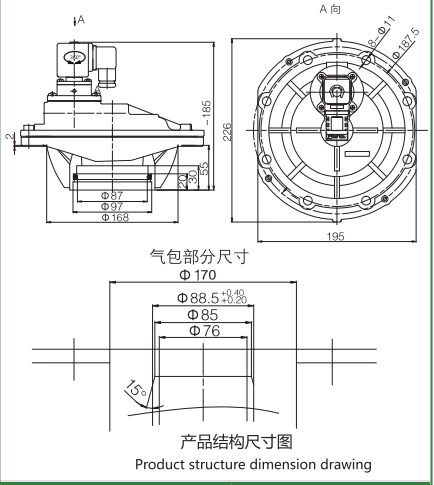


规格尺寸 *Specification*

DMF-Y-25 (1")		DMF-Y-40S (1.5")		DMF-Y-50S (2")	
					
 产品结构尺寸图 Product structure dimension drawing		 产品结构尺寸图 Product structure dimension drawing		 产品结构尺寸图 Product structure dimension drawing	
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
φ 96	0.17L/Ms	φ 112	0.45L/Ms	φ 160	0.69L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
8~10	G1½"	12~16	G1½"	18-28	G2"
重量(kg) Weight(kg)	膜片数量 Number of Diaphragm	重量(kg) Weight(kg)	膜片数量 Number of Diaphragm	重量(kg) Weight(kg)	膜片数量 Number of Diaphragm
0.8	1	1.2	2	2.5	2

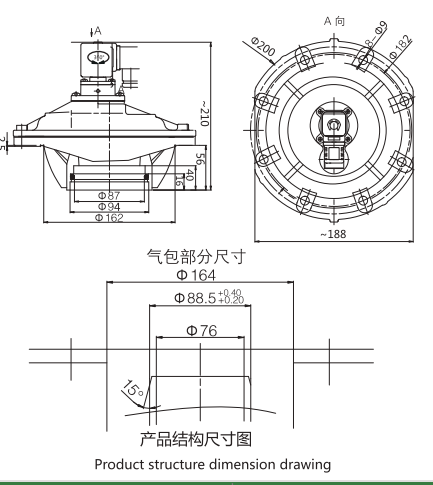
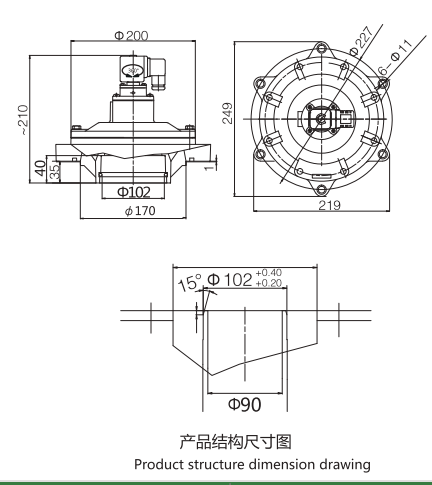
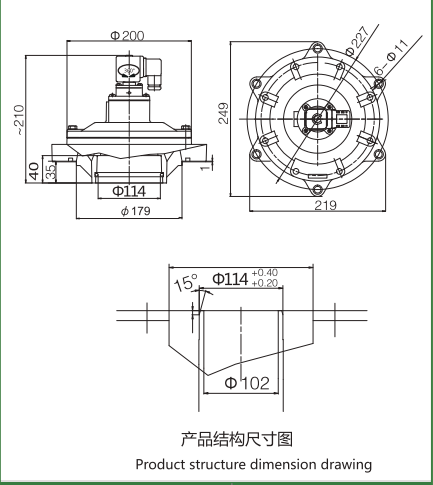
*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

规格尺寸 Specification

DMF-Y-62S (2.5")		DMF-Y-76S (3")		DMF-YA-76S (3")	
					
					
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
φ 188	1.24L/Ms	φ 202	1.79L/Ms	φ 195	1.81L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
27~38	φ 75	37~65	φ 89	37~65	φ 89
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm
3.0	2	3.7	2	2.9	2

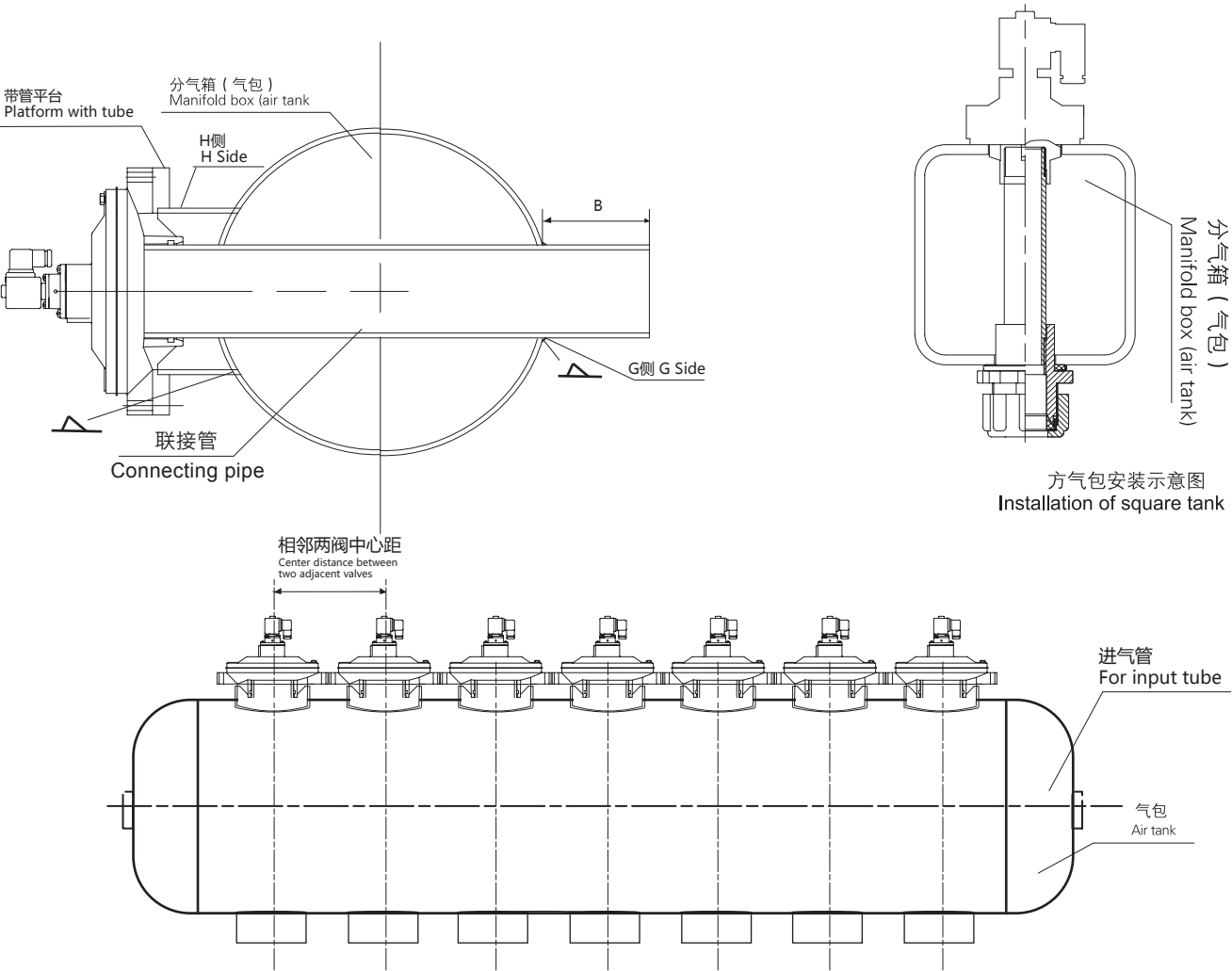
*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

规格尺寸 Specification

DMF-YB-76S (3")		DMF-Y-102SA (3.5")		DMF-Y-102S (4")	
					
					
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
φ 202	1.79L/Ms	φ 202	2.40L/Ms	φ 202	2.75L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
37~65	φ 89	55~80	φ 102	70~90	φ 114
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm
2.95	2	3.3	2	3.5	2

*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

安装方法 Installation



规格 Size	气箱 Air bag				带管平台 Platform with tube		联接管 Connecting pipe			相邻两阀 中心距 Center distance between two adjacent valves
	外径 Outer diameter	进气管 内径 Inlet diameter	开孔尺寸 Opening size		内径 Inner diameter	法兰 flange	外径 Outer diameter	内径 Inner diameter	长度 Length	
			H	G						
25(1") V	φ146	φ20	φ60	φ35	φ25	φ65	φ34 螺纹G1"	φ25	178+B	106
40S(1½")	φ168	φ25	φ75	φ49	φ40	φ80	φ48 螺纹G1½"	φ40	238+B	122
50S(2")	φ219	φ40	φ134	φ62	φ124	φ202	φ60	φ50	281+B	178
62S(2½")	φ273	φ50	φ159	φ77	φ150	φ237	φ76	φ62	335+B	210
76S(3")	φ325	φ62	φ173	φ91	φ164	φ249	φ89	φ76	387+B	220
102SA(3½")	φ325	φ76	φ173	φ104	φ164	φ249	φ102	φ89	413+B	260
102S(4")	φ325	φ76	φ173	φ104	φ164	φ249	φ102	φ89	387+B	220

*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

防爆型电磁脉冲阀系列
Explosion-proof pulse valve series
DMF-Ex

适用于爆炸性气体和爆炸性粉尘环境的布袋除尘器，能满足相应的防爆要求。
Suitable for explosive gas & dust environment

DMF-Ex防爆型电磁脉冲阀是根据GB3836.1. 20000《爆炸性气体环境用电气设备第1部分：通用要求》、GB3836.9- 2006《爆炸性气体环境用电气设备第9部水洛封型"m"》、GB12476. 1-2000《可燃性粉尘环境用电气设备第1部分：用外壳和限制表面温度保护的电气设备》的规定，制成浇封型结构或防粉尘点燃型，其防爆标志为ExmbII T4/DIP A20TA，T4，适用于工厂存在或可能存在II类，T1 T4组可燃性气体、蒸气与空气混合形成的爆炸危险1区或 2区场所或者可燃性粉尘A型20区环境中。

DMF-Ex Explosion- proof Pulse jet valve is manufactured into pourenveloping type construction or the structure to prevent dust ignitedaccording to GB3836. 1 - 2000《Electric Equipment For ExplosiveGas Environment Part One: General Requirements》，GB3836.9-2006《Electric Equipment For Explosive Gas Environment Part Nine:Pour enveloping type" m" 》，GB12476.1- -2000《Electric EquipmentFor Flammable Dust Environment Part One: Electric Equipmentprotected by Outer shell and Restrictions on the surface temperature》.with explosion-proof mark Exmb II T4 | DIP A20 TA.T4, applicable10 the factory or circumstances possible in class . T1~T4 groupnlamable gas, steam and explosion danger area 1 or 2 of mixingar 0r crumstances Type A Area 20 flmmabl dust.



型式名称 Type name	防爆阀型号 Explosion- proof Pulse jet valve	规格 Size	公称通径 (mm) Nominal diameter
DMF-Z 直角式电磁脉冲阀 Right angle Pulse valve	DMF-Ex-2L-B	¾ "	20
	DMF-Ex-Z-20	¾ "	20
	DMF-Ex-Z-25	1 "	25
	DMF-Ex-Z-40S	1½ "	40
	DMF-Ex-Z-50S	2 "	50
	DMF-Ex-Z-62S	2½ "	62
	DMF-Ex-Z-76S	3 "	76
DMF-ZM 直角外螺母式电磁脉冲阀 Right angle type Nut Pulse valve	DMF-Ex-ZM-20	¾ "	20
	DMF-Ex-ZM-25	1 "	25
	DMF-Ex-ZM-40S	1½ "	40
DMF-Y 淹没式电磁脉冲阀 Submerged Pulse valve	DMF-Ex-Y-25	1 "	25
	DMF-Ex-Y-40S	1½ "	40
	DMF-Ex-Y-50S	2 "	50
	DMF-Ex-Y-62S	2½ "	62
	DMF-Ex-Y-76S	3 "	76
	DMF-Ex-Y-102SA	3½ "	100
	DMF-Ex-Y-102S	4 "	114
DMF-T 直通式电磁脉冲阀 Straight Way Pulse valve	DMF-Ex-T-20	¾ "	20
	DMF-Ex-T-25	1 "	25
	DMF-Ex-T-40S	1½ "	40
	DMF-Ex-T-50S	2 "	50

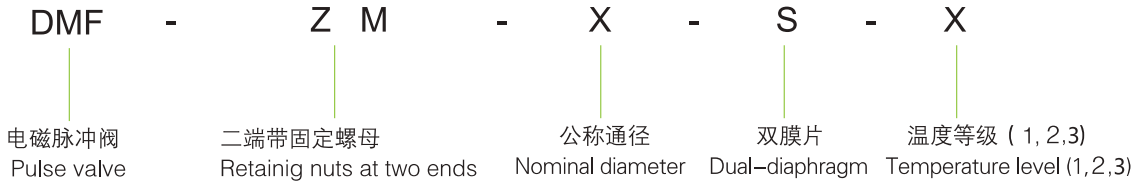
直角带螺母式电磁脉冲阀
Right-angle Nut Type
DMF-ZM

DMF-ZM型电磁脉冲阀输入口与输出口夹角为90° 称之为直角阀，其输入、输出口为外螺纹，并配备压紧螺母，分气箱（气包）上的短管或喷吹管直接插入阀的输入、输出口的锥形密封圈内，并拧紧压紧螺母，安装方便、气流通畅，能提供理想的清灰气脉冲，适用于各种过滤单元的清灰。

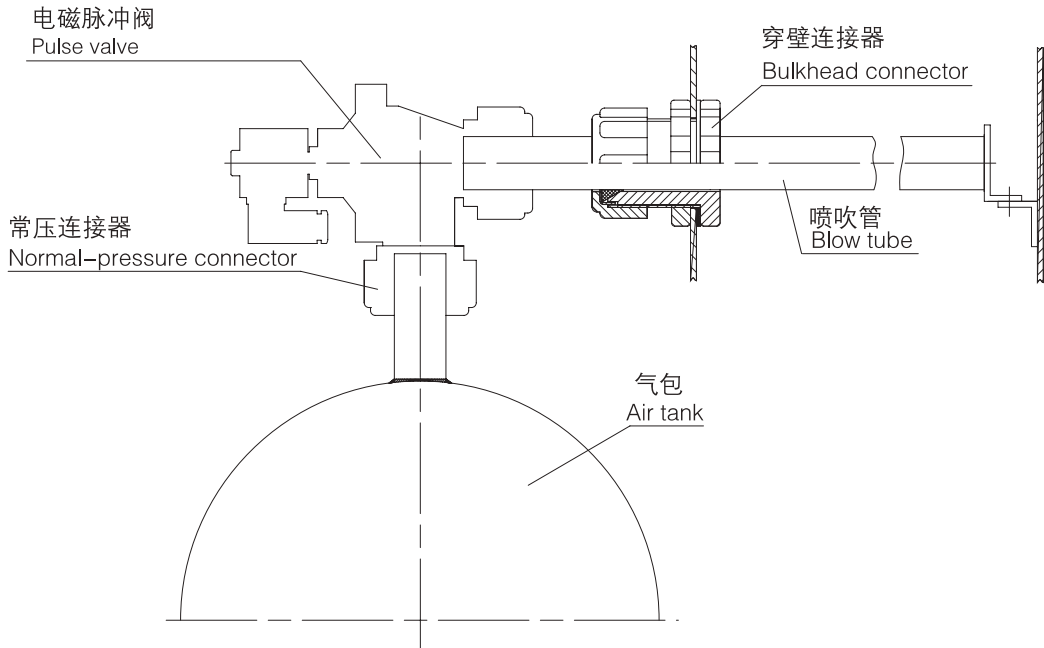
DMF-ZM type electromagnetic pulse valve input port and an output port angle is 90 DEG angle valve, the input and output for external thread, and is equipped with a pressing nut, gas tank (gas) on spools or blowing Z directly inserted in the valve of the input and output of conical sealing ring and tighten nut, convenient installation, smooth airflow, provides an ideal cleaning Qimai, applicable to all kinds of filter element cleaning.

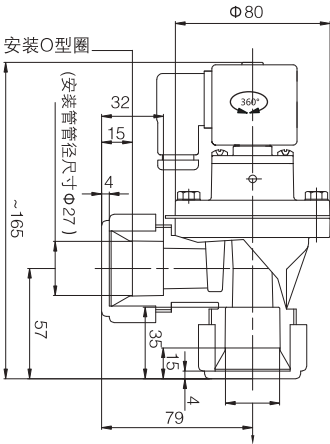
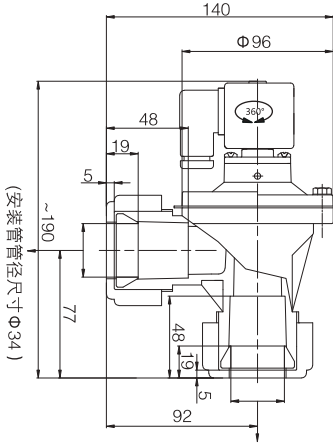
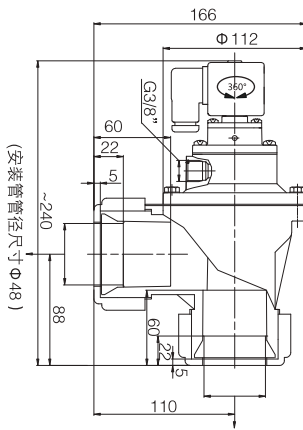


型号含义Type Definition



安装示意图 Installation Drawing



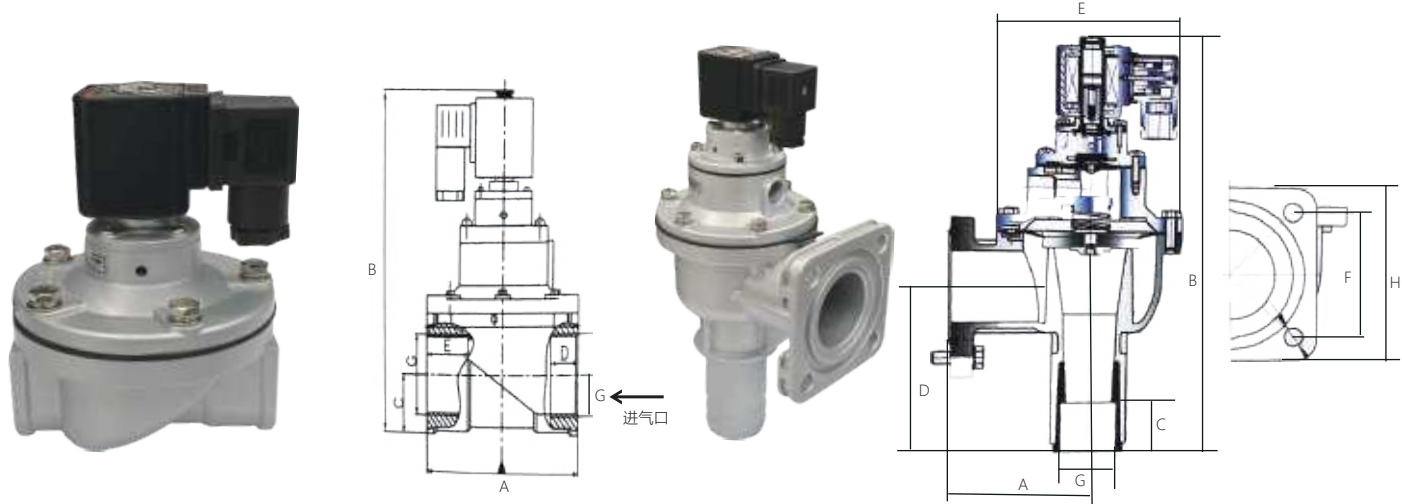
DMF-ZM-20 (3/4")		DMF-ZM-25 (1")		DMF-ZM-40S (1.5")	
					
 产品结构尺寸图 Product structure dimension drawing		 产品结构尺寸图 Product structure dimension drawing		 产品结构尺寸图 Product structure dimension drawing	
膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow	膜片直径(大膜片) Diaphragm diameter (big diaphragm)	流量系数 L/Ms Blowing flow
φ 80	0.12L/Ms	φ 96	0.28L/Ms	φ 112	0.80L/Ms
喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size	喷吹面积(m²) Blowing area(m²)	进、出气口尺寸 Air inlet/Outlet size
4~6	φ 27/ φ 27	8~10	φ 34/ φ 34	12~26	φ 48/ φ 48
重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm	重量(kg) Weight(kg)	膜片数量 Numberof Diaphragm
0.9	1	1.3	1	2.0	2

*以上参数由欧顿公司技术部实验室测得结果，数据仅供参考，最终解释权归欧顿公司所有。

直通式电磁脉冲阀
Straight Way Pulse valve

DMF-T

DMF-T型电磁脉冲阀为直通阀，其进气口之间夹角为180° (进出口中心线为同一直线),其进口与储气筒连接，出口与喷吹管连接。气流畅通，能提供符合要求的清灰气脉冲。DMF_ T-type electromagnetic pulse valve is a through valve, with an included angle of 180 ° between the air inlet (the center line of the inlet and outlet is the same straight line), its inlet is connected with the air reservoir, and its outlet is connected with the jet pipe. The air flow is smooth, which can provide the ash cleaning air pulse.



电磁脉冲阀型号 Model	φ	A	B	C	D	E	F	G	H
DMF-T-20	φ 96	96	~135	18	18	18		G¾"	
DMF-T-25	φ 112	127	~180	25	23	30		G1"	
DMF-T-40S	φ 127	127	~200	35	24	30		G1½"	
DMF-T-50S	φ 160	160	~220	41	28	35		G2"	
DMF-T-62S	φ 200	200	~243	50	30	35		G2½"	

电磁脉冲阀型号 Model	φ	A	B	C	D	E	F	G	H
DMF-ZF-20	φ 27	66	~180	25.5	69	92	61*61	G¾"	82*82
DMF-ZF-25	φ 34	82	~251	30	101	112	61*61	G1"	83*83
DMF-ZF-40S	φ 48	95	~279	30	122	127	72*72	G1½"	96*96

法兰式电磁脉冲阀
Flange type pulse valve

DMF-ZF

DMF-ZF型电磁脉冲阀为法兰阀，其进气口之间夹角为90°，其进口方便与储气筒连接。气流畅通，能提供符合要求的清灰气脉冲。DMF-ZF electromagnetic pulse valve is a flange valve, with an included angle of 90 ° between the air inlets, which is convenient to connect with the air reservoir. The air flow is smooth, which can provide the ash cleaning air pulse.

安装方法提示Installation Guidelines

- 1、电磁脉冲阀的喷吹气源由气箱（气包）提供，分气箱有方形和圆形二种，圆形分气箱耐压力效果较好，使用淹没式电磁脉冲阀时，方形分气箱安装比较方便。
- 2、分气箱的截面积和长度决定储气容积，其容积应满足该组脉冲阀每次喷吹后，箱内剩余压力不低于喷吹前压力的50%，进气管内径决定向分气箱充气速度，其速度应满足该组脉冲阀每次喷吹后10s内使箱内气体恢复至喷吹前压力。
- 3、脉冲阀应安装在分气箱的上部或侧面，安装侧面时脉冲阀输入端中心不应低于分气箱侧面中心线以下，脉冲阀不可安装在分气箱底部，同时脉冲阀输出端应安装处于水平或向下位置，不可安装向上位置。
- 4、喷吹管的喷吹孔应小于18左右，开孔为：8-32mm(远小近大)，喷吹管离布袋口200-400为宜。
- 5、**特别提醒：安装电磁脉冲阀之前，需清除气包、喷吹管内部及阀的配合面的一切杂质。**
- 6、喷吹管必须按照说明书进行加工。
- 7、为保护电磁脉冲阀，在气包的进气前端安装过滤器、调压阀，并在气包的底部安装排污阀，确保提供的压缩气体干净、干燥。根据运行条件定期排污。
- 8、根据气包客积选择合适的进气管，保证有足够的供气量。
- 9、在脉冲阀喷吹时，因压气流90°转弯惯性冲击，脉冲阀进气连接部位易松动脱离，因此在脉冲阀进气口连接部位设定位钢圈，防止脉冲阀因惯性冲击而松动，并准确保证安装位置。
- 10、安装时只要操作各组件压紧螺母，可在水平方向前后移动操作，安装维修方便，确保紧固螺杆平衡受力拧紧，防止安装不平衡损坏脉冲阀。
- 11、在安装或搬运电磁脉冲阀时，要求轻拿轻放，杜绝野蛮操作。
- 12、每个控制回路只能控制一个电磁脉冲阀。
- 13、电磁脉冲阀安装后，不允许再对气包及相关的法兰。连接喷吹管进行焊接。防止焊渣或者瞬间高温烫伤膜片。
- 14、电磁脉冲阀的脉冲信号时间长，导致阀不能及时关闭，喷吹不正常，浪费气源。建议使用的脉冲宽度在80ms~150ms
- 15、在较寒冷地区，需对电磁脉冲阀进行适当的保温。
- 16、在拆装电磁脉冲阀之前，必须排净气包里的压缩空气。

电磁脉冲阀常见问题 Common Faults of the Pulse Valve

使用阶段 Stage of use	故障现象 Fault	原因分析 Cause analysis	排除方法 Eliminating method
安装调试中 Installation and Commissioning	所有阀无法打开，但先导部分有动作 Not all the valves can be opened, but the pilot part is running.	检查气包压力是否过低 Check whether the air tank pressure is too low.	排查漏气 Check and prevent air leakage.
	某些阀不工作，其他阀正常 Some valves cannot run while others can.	检查阀的线路连接及线圈 Check the line connections and solenoids of the valves.	更换配件 Replace relevant parts.
	所有阀无法关闭，有漏气，气包压力无法建立 Not all the valves can be closed; there is air leakage; the air tank pressure cannot be established.	阀的进气口与喷吹口相反安装 The air inlets and air outlets of the valves are reversely installed.	重新安装 Install the valves again.
	某些阀无法关闭，有漏气 Some valves cannot be closed, there is air leakage.	有杂质吸附在膜片上，动铁芯有卡死现象 There are foreign matters on the diaphragms; the armatures are seized.	清洁膜片，检查膜片是否完整，检查动铁芯及气塞 Clean the diaphragms and check whether they are complete; check the armatures and the air plugs.
使用过程中 Use	阀关闭缓慢 Valve closing is slow.	膜片节流孔受堵 The diaphragm orifices are blocked.	疏通膜片节流孔 Unblock them
	某些阀漏气，膜片关不死，阀常开 Some valves leak, they often open, their diaphragms cannot be closed completely.	有杂质吸附在膜片上，先导损坏，动铁芯有卡死现象 There are foreign matters on the diaphragms; the pilot parts are damaged; the armatures are seized.	清洁膜片，检查膜片是否完整，检查动铁芯及塞等，及时更换配件 Clean the diaphragms and check whether they are complete; check the armatures and the air plugs; replace relevant parts promptly.
	线圈发热，烧毁 There is solenoid heating or burning.	长时间通电 The valves have been powered on for a very long time.	检查控制系统的工作状况 Check the operating status of the control system.
	有电压，但阀不动作 There is voltage but the valves cannot run.	膜片损坏或节流孔受堵 Diaphragm is damaged, pilot opening is blocked.	及时更换配件 Replace relevant parts promptly.
	环境温度低，阀有漏气或无法打开 The ambient temperature is low; the valves leak or cannot be opened.	环境温度过低，阀内有结冰现象 Ambient air temperature too low valve internal frozen.	注意保温 Keep a properly high temperature.

穿壁连接器 WALL CONNECTOR FAP

穿壁连接器由铝合金铸件、不锈钢冲件、橡胶件组成，用于密封容器内外管道的联接，如脉冲喷吹袋式除尘器的喷吹管与直角式电磁脉冲阀的联接(板壁式)，淹没式电磁脉冲阀与输出管的联接(气包式)使用时不需焊接就能固定和可靠密封，便于安装和维修。

A wall connector consists of an aluminum alloy cast part, stainless punched part and rubber part and is for the connection of inner and outer pipe of airtight containers such as the connection between the blowing tube of pulse jet bag-house and rectangular pulse valve (batten wall mounted) and between submerged electromagnetic pulse valve and outlet pipe (head tank mounted). It can be reliably fixed and sealed without welding and is convenient for installation and maintenance.



图1 FAP-A-1型单端式结构图

Fig.1. Structure of FAP-A-1 single end

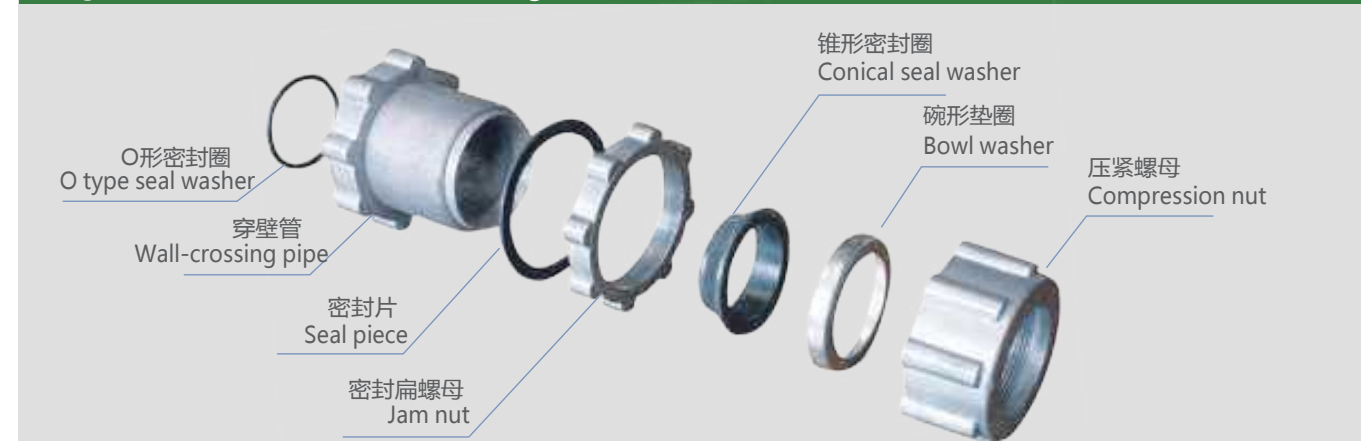
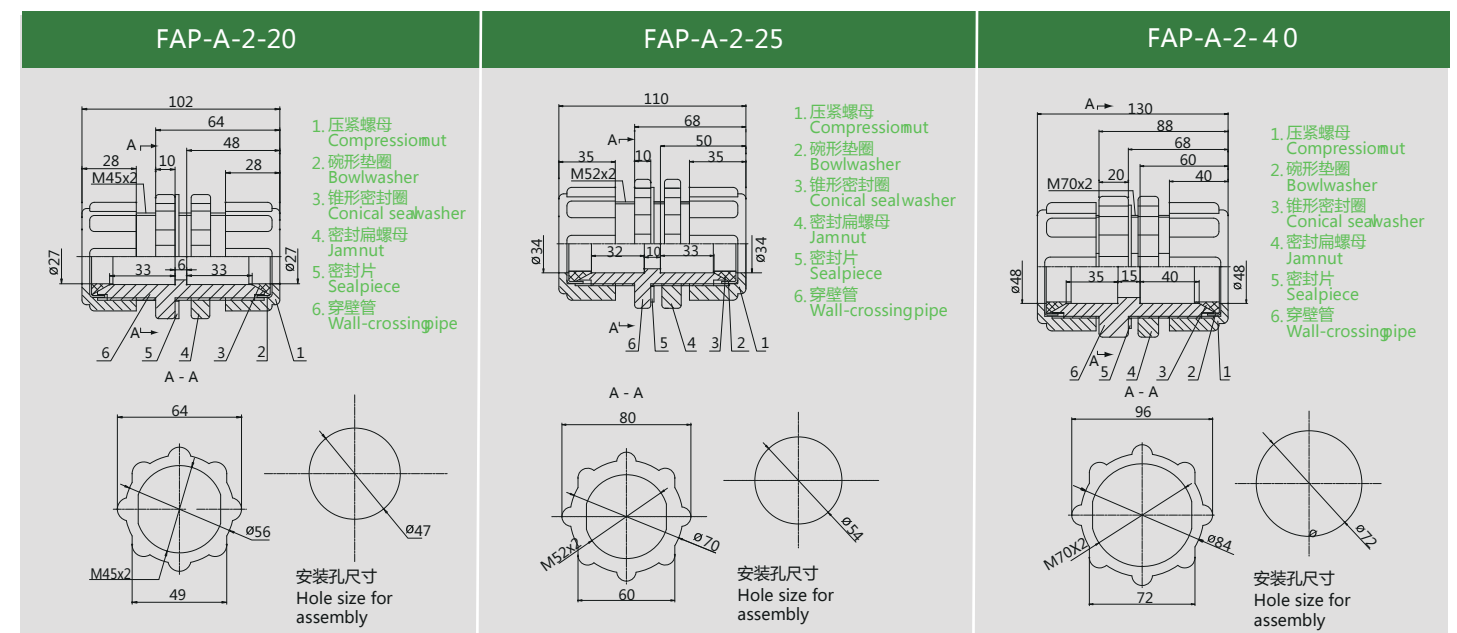
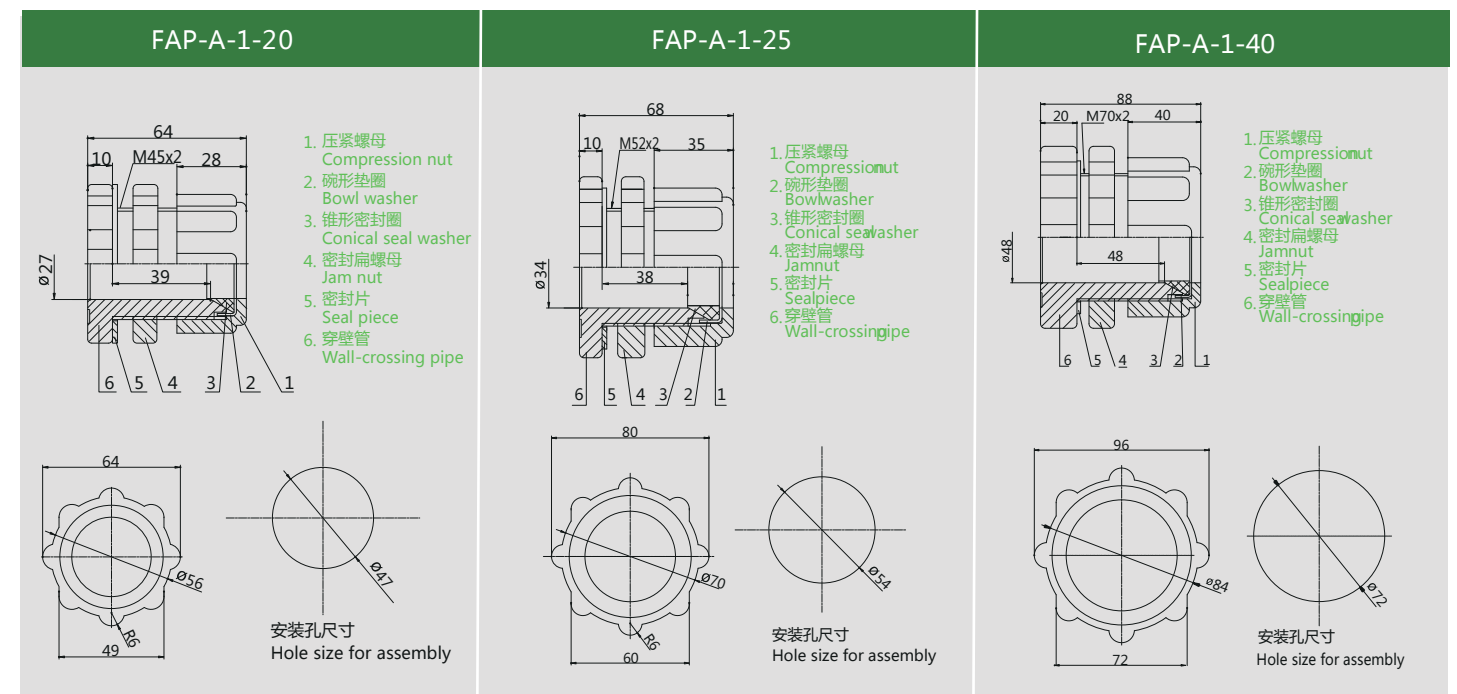
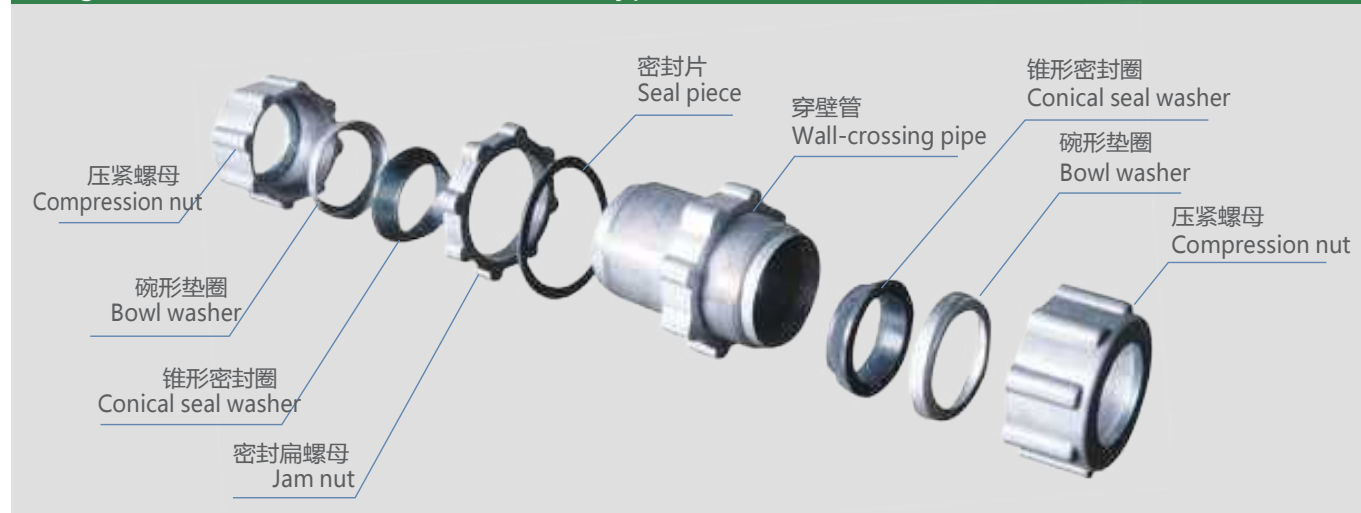


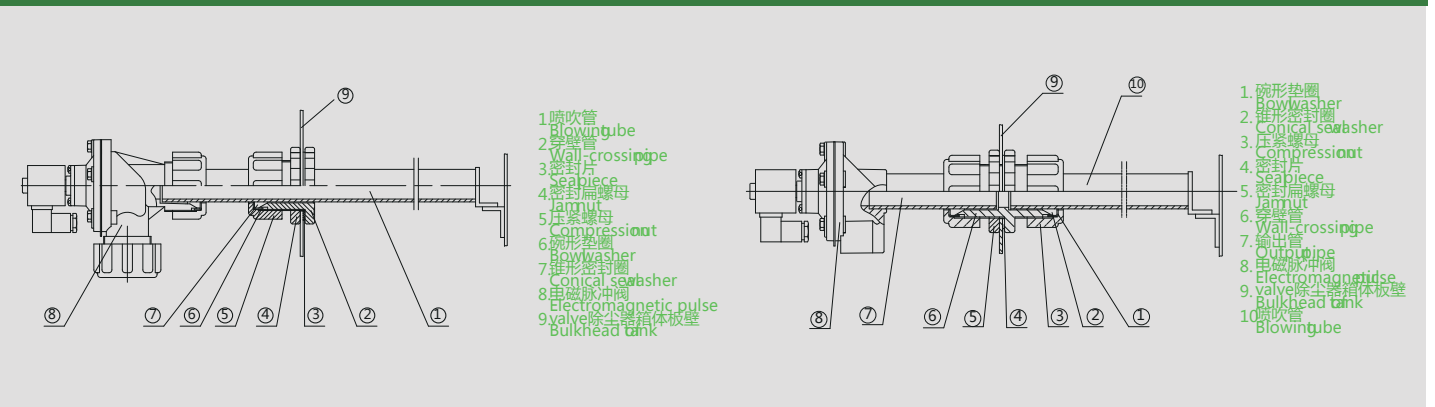
图2 FAP-A-2型双端式结构图

Fig.2. Structure of FAP-A-2 dual end type



FAP-A-1型安装图
Installation of FAP- A-1

FAP-A-2型安装图
Installation of FAP- A-2



脉冲喷吹控制仪 *Pulse Controller* 第5代在线

产品概述 Description

ODMC-5CS系列脉冲喷吹控制仪是欧顿公司设计的第五代单片机控制脉冲喷吹控制仪，实现按键参数设定、数码显示、各种参数可调等功能，操作简单，元器件均采用进口产品，质量稳定，是脉冲袋式除尘器喷吹清灰系统的主要控制装置，它的输出驱动电磁脉冲阀，进而控制压缩空气对滤袋循序喷吹清灰，使除尘器的定的范围内，以保证除尘器的处理能力和收尘效率。

ODMC-5CS pulse jet blowing control instrument for Orton company design of the fifth generation of the SCM control pulse jet blowing controller and achieve the key number set, digital display, various parameters can adjust function, the operation is simple, the components are used imported products, quality and stability is pulse bag type dust collector blowing ash system as the main control device, its output driving electromagnetic pulse valve, so as to control the compressed air to bag sequential injection blowing, dust collector fixed range, to ensure the dust remover's processing power and dust collection efficiency.

- 控制仪每次输出一位的驱动电压，一个驱动电压持续时间，称为脉冲宽度；
- 相邻二个输出驱动电压之间的间隔时间，称为脉冲间隔。
- 控制仪完成对所有位的电磁阀驱动输出所需要的时间，称为脉冲周期。
- 两个脉冲周期之间的停顿时间，称为循环间隔。
- The control apparatus outputs a driving voltage at each time, a driving voltage duration, called the pulse width;
- The interval between two adjacent outputs driving voltage, called the pulse interval.
- The control system is completed on the time required for the output of all the solenoid valves to drive the output, called the pulse cycle.
- The pause time between the two pulses is called a cycle.



型号含义Type Definition

OD MC – 5 C S A – N R C		R C	输入电压 Input Voltage	输出电压 Output Voltage
公司代码 Company Code	喷吹控制仪 Pulse jet control device	输入电压/输出电压 Input Voltage / Output Voltage	① 220VAC	24VDC
		固定输出位数 Fixed output digit	② 220VAC	220VAC
			③ 110VAC	110VAC
		A 在线型 online pulse		
		B 离线和气箱脉冲 offline pulse and air box pulse		
		时间控制 Time control		
		专用集成电路 Special integration circuitry		
	设计序列 Designing serial			

使用技术指标Using technical indicators

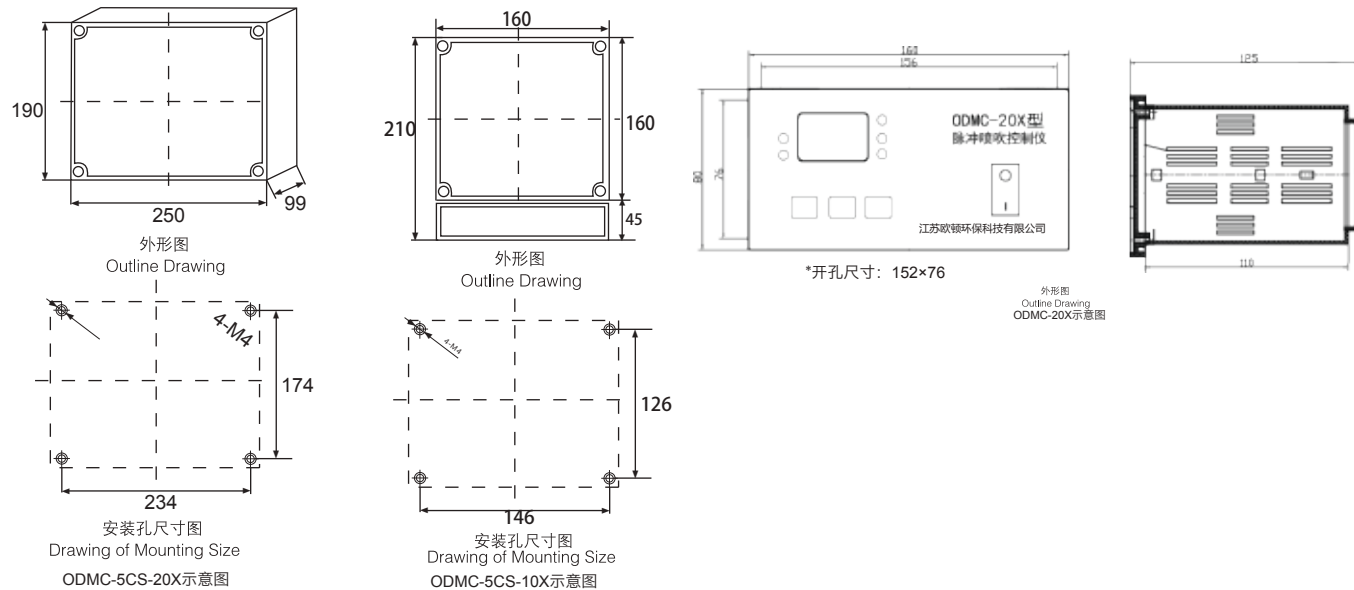
额定输入电压 Input voltage	AC220V(1 ± 10%)50HZ–60HZ(或其它规格 or another specification)
额定输出电压 Output voltage	DC24V AC220V (或其它规格 or another specification)
额定输出电流 Rated output current	1A
耗电 Power consumption	≤8W
输出脉冲持续宽度调节范围 Pulse width	0.1 ~0.9 sec
输出脉冲间隔调节范围 Pulse Intenal	1~999sec
周期间隔调节范围 Cycle interval	无
控制输入信号 Control signal	开关触点 Contact Switch
使用环境 Working environment	–25℃~+55℃ 空气的相对湿度不超过 85%；无严重的腐蚀气体和导电尘埃；无剧烈震动或冲击。 Relative humidity < 85%;No serious corrosive gases; conductive dust; violent vibration or impact.

型号规格 Type Specification

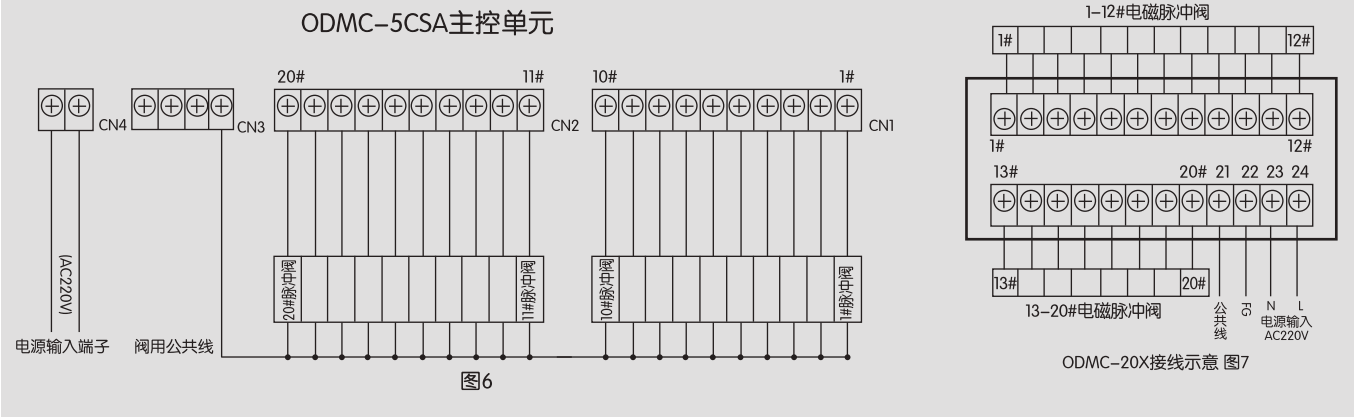
型号规格 Type	输出位数 Output digits	控制阀数量 Number of controlling valves	外型尺寸 Size(L×W×H) A:210×160×70 B:245×190×96 C:160×115×80(开孔:152×76)
ODMC-5CS-5	5	1~5 任选	A
ODMC-5CS-10X	10	1~10 任选	A
ODMC-5CS-15	15	11~15 任选	B
ODMC-5CS-20X	20	11~20 任选	B
ODMC-20X-5 嵌入式	5	1~5 任选	C
ODMC-20X-10 嵌入式	10	1~10 任选	C
ODMC-20X-15 嵌入式	15	11~15 任选	C
ODMC-20X-20 嵌入式	20	11~20 任选	C

安装方式 Installlation Drawing

拧去控制仪盒盖四角的紧固螺栓，即能取下盒盖，控制仪盒底外壳四角上的通孔是用于安装固定螺钉的，用M4十字螺钉固定。控制仪的外形图见图1，安装孔尺寸见图2。



推荐使用不低于0.75mm²的铜电缆线，装上密封接头，从密封接头中穿入，注意穿过密封接头的导线粗细要合适，不要过紧和过松，以免损坏或影响密封性能 接线方法见图6



脉冲喷吹控制仪 第5代离线气箱

Pulse Controller

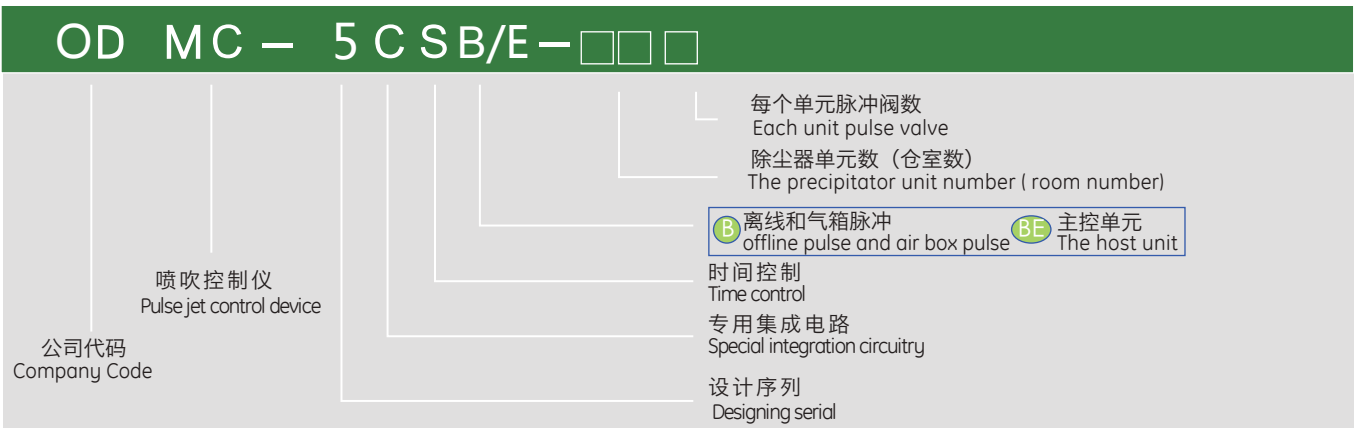
产品概述 Description

ODMC-5CSB脉冲喷吹控制仪是脉冲袋式除尘器喷吹清灰系统的主要控制装置。它的输出驱动电磁脉冲阀，进而控制压缩空气对滤袋循序喷吹清灰，使除尘器的运行阻力保持在设定的范围内，以保证除尘器的处理能力和收尘效率。除尘器分为多个仓室，各个仓室逐个单独清灰，需要清灰的仓室停止过滤，脉冲控制仪输出电信号关闭该仓室的气缸提升阀，该仓室内电磁脉冲阀逐个喷吹清灰。

The pulse jet control device is the main control device of the pulse bag type dust collector. Its output electromagnetic drive pulse valve, so as to control the compressed air to bag sequential injection blowing, the running resistance of the dust remover to remain within the limits set, to ensure that the dust collector of the processing power and dust collection efficiency. Dust separator is divided into several storage compartments, each compartment is individually clear ash, need to be clear of the warehouse to stop filtering, pulse control instrument output signal to close the chamber of the cylinder valve, the valve of the warehouse indoor electromagnetic pulse valve one by one.

- **压差清灰控制方式**：以压差运行区间为主要控制方法；
- **定时清灰控制方式**：以循环间隔延时为主要控制方法；
- **室间隔**：一个单元（离线阀与脉冲阀）动作完成后到下一单元工作时间间隔；
- **脉冲等待**：离线阀关闭或开启N秒后脉冲阀动作；（适用于离线气箱）
- **循环间隔**：两个脉冲周期之间停顿的时间；
- **脉冲周期**：控制仪完成所有电磁脉冲阀驱动输出所需要的时间；
- **脉冲间隔**：相邻二个电磁脉冲阀输出驱动电压之间的间隔时间；
- **脉冲宽度**：一个驱动电压所持续时间；
- Differential pressure cleaning method: the main control method in the operating section of differential pressure;
- Time cleaning control method: the main control method of the time delay of the cycle;
- Room interval: a unit (off valve and valve) is performed to the next unit working time interval;
- Pulse waiting: offline valve to close or open the N second after the pulse valve action; (applicable to off-line gas box)
- Cycle interval: the time between the two pulse cycles;
- Pulse period: the time required to complete all the electromagnetic pulse valve drive output;
- Pulse interval: the interval between two adjacent electromagnetic pulse valve output driving voltage;
- Pulse width: the duration of a driving voltage;

型号含义Type Definition



注：1、订货代码：例如,ODMC-5CSB-0403;即表示除尘器有4个仓室，每个仓室内有3个脉冲阀。
2、本型号控制仪可实现在线清灰、离线清灰、压差清灰。
3、ODMC-5SCBE-XX为扩展单元控制仪；本主机单元采用液晶屏显示，可控制10个扩展子单元。

型号规格 Type Specification

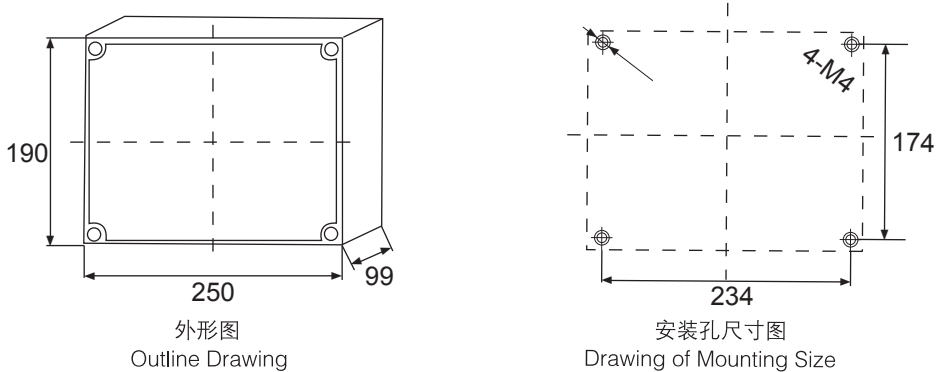
主机型号规格 Model and Specifications	输出位数 Output bits	调节范围 Range of regulation	扩展单元型号 Model and Specifications	输出位数 Output bits	调节范围 Range of regulation
ODMC-5CSBE-2X	2	1-2	ODMC-5CSB-10X	10	1-10
ODMC-5CSBE-4X	4	1-4	ODMC-5CSB-20X	20	1-20
ODMC-5CSBE-6X	6	1-6	ODMC-5CSB-36X	36	1-36
ODMC-5CSBE-8X	8	1-8	ODMC-5CSB-72X	72	1-72
ODMC-5CSBE-10X	10	1-10	ODMC-5CSB-144X	144	1-144

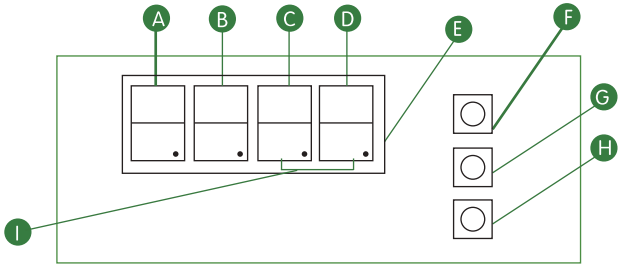
*输出总位数=离线（提升）阀数+电磁脉冲阀数=1#扩展单元+2#扩展单元+3#扩展单元+.....
*如果离线阀数+电磁脉冲阀数小于36个可直接选用扩展单元，无需购买主机；

技术指标 Technical Index

额定输入电压 Rated Input Voltage	220VAC (1 ± 10%) 50-60HZ
额定输出电压 Rated Output Voltage	24VDC (或其他规格) (or other specifications)
额定输出电流 Rated Output Current	1.5A
控制提升阀与脉冲阀个数 Control of lifting valve and the number of pulse valve	360（提升阀+电磁脉冲阀）
脉冲等待 Pulse waiting	10秒（即提升阀关闭或开启10后脉冲阀工作）
输出脉冲宽度调节范围 Adjustable Range of Output Pulse Width	0.01~0.99秒（可调）
输出脉冲间隔调节范围 Adjustable Range of Output Pulse Interval	3~999秒（可调）
脉冲周期（循环间隔） Pulse cycle(circulation interval)	10~9990秒（可调）
沉降时间调节范围 Settling time regulation range	1~99秒（可调）
室间隔时间调节范围 Room time interval adjustment range	1~999秒（可调）
使用环境 Use Environment	-25 ~55 空气的相对湿度不超过85% 无严重的腐蚀气体和导电尘埃 无剧烈震动或冲击
外形尺寸(主控单元、扩展单元) Size	250×190×96mm

安装方式 Installlation Drawing

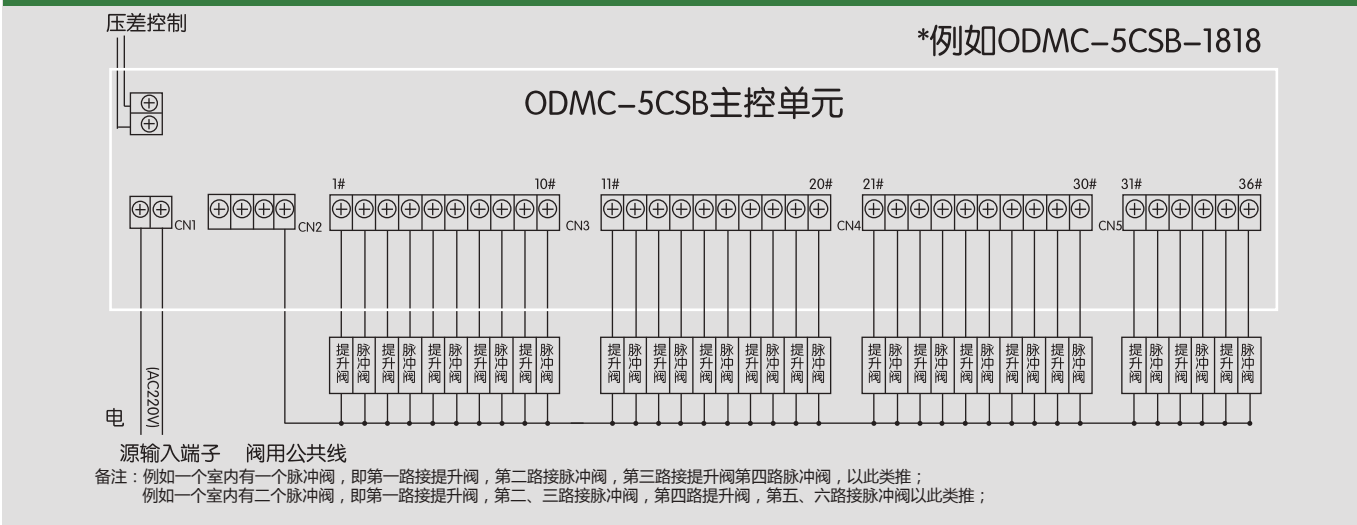




A 参数号 B 百位 C 十位 D 个位 E 数码显示管
F 增加 G 设置键/位移键 H 手动键 I 间隔计时/参数

* “增加”键用于修改额定范围内所需参数值；
* “设置/位移”键用于选择参数号及参数百位、十位、个位的移动；

ODMC-5CSB离线脉冲控制仪接线图



ODMC-5CSBE主控单元调试说明

一、接通电源

屏幕显示公司名称及产品型号如图(一);按下红色自锁开关进入调整状态,等待约10秒后LED屏显示如图(二)"未检测到压差信号,系统等待中"开始调整所需时间参数。

欧顿环保
离线型脉冲控制仪
——ODMC-5CSBE主控单元——

(图一)

未检测到压差信号,系统等待中

(图二)

二、参数设置

路数设置: <1>进入方法：按【路数】键进入路数设置，界面如下(图三)。
<2>参数调整：按【加】【减】键调整当前通道路数，【功能】键设置是否跳过。
说明:不跳过该路为"否";跳过为"是"。
<3>参数保存：路数设置完成后按【路数】键退出设置并保存。
备注:该控制系统一般为定制系统出厂路数已设定,客户一般无需调整。

设置通道是否跳过

当前通道: 01

跳过执行: 否

(图三)

时间设置: <1>进入方法：按【时间调整】键进入各路时间设置，界面如图(四)。
<2>参数调整：【加】【减】键调整当前闪烁设置的数值，【功能】键移位要设置的位数参数，【路数】键设置调整路号。其他路号参数与上调节方法一致。
<3>参数保存：按【时间调整】键退出并保存设置。

通道保持时间设置

路 号: 01

时 间: 005秒

(图四)

循环时间设置: <1>进入方法：按【循环间隔】键进入循环时间设置，界面如下(图五)。
<2>参数调整：【加】【减】键调整当前闪烁设置的数值，【功能】键移位要设置的位数参数。
<3>参数保存：按【循环间隔】键退出并保存设置。

循环时间设置

时 间: 0000秒

(图四)

所有参数设置完成后,按回红色自锁开关进入运行状态。

压差驱动:等到外部的压差信号来开启整机的运行，中途压差信号丢失不影响正在执行的动作，直到整个路数过程全部结束后并且等到执行完循环的延时时间完成则再次检测压差信号，若存在压差信号则自动循环运行，若没有压差信号则等待。

特别提醒:

- 1、每路时间应大于每台"离线脉冲控制仪"的工作时间。
- 2、压差:压差信号为无源开关信号,使用压差信号时,将原压差端子上的短接线去掉,改接压差信号线,如有压差信号控制仪执行循环工作,如无压差信号控制仪执行等待状态。

接线说明: <1>主控单元板左下角"AC220V LN"接AC220V交流电源。
<2>主控单元板上"输出公共端"接每台脉冲控制仪的电源输入" L "；主控单元板上" 1-10路 " 分别接每台控制仪的电源输入" N "。

脉冲喷吹控制仪 第6代离线压差一
Pulse Controller

产品概述 Description

ODMC-6CSB脉冲喷吹控制仪是脉冲袋式除尘器喷吹清灰系统的主要控制装置。它的输出驱动电磁脉冲阀，进而控制压缩空气对滤袋循序喷吹清灰，使除尘器的运行阻力保持在设定的范围内，以保证除尘器的处理能力和收尘效率。除尘器分为多个仓室，各个仓室逐个单独清灰，需要清灰的仓室停止过滤，脉冲控制仪输出电信号关闭该仓室的气缸提升阀，该仓室内电磁脉冲阀逐个喷吹清灰。

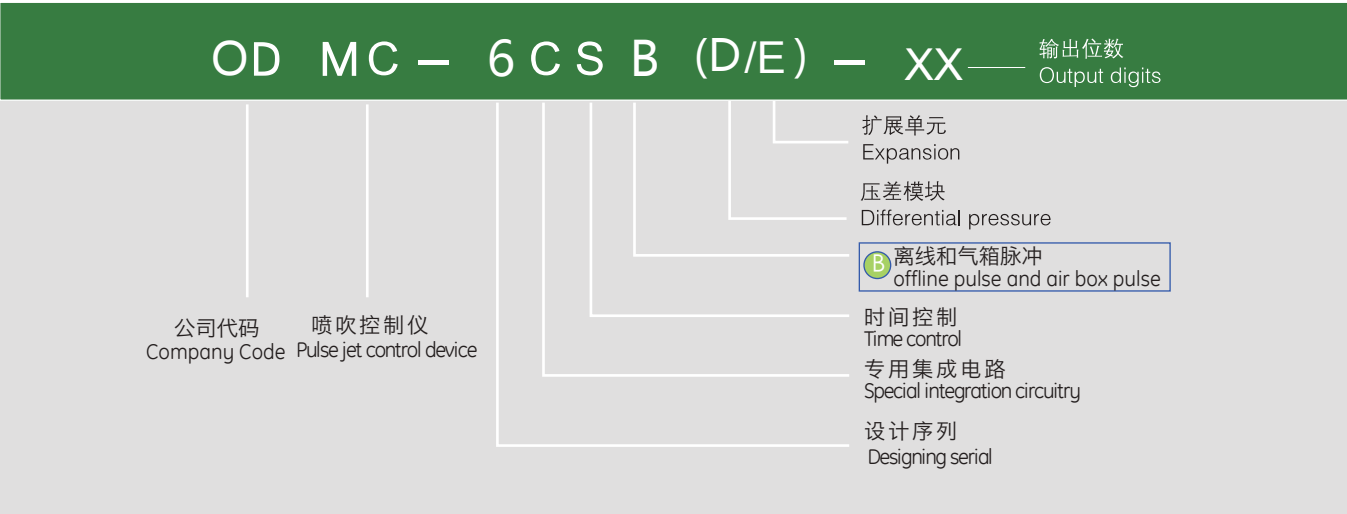
The pulse jet control device is the main control device of the pulse bag type dust collector. Its output electromagnetic drive pulse valve, so as to control the compressed air to bag sequential injection blowing, the running resistance of the dust remover to remain within the limits set, to ensure that the dust collector of the processing power and dust collection efficiency. Dust separator is divided into several storage compartments, each compartment is individually clear ash, need to be clear of the warehouse to stop filtering, pulse control instrument output signal to close the chamber of the cylinder valve, the valve of the warehouse indoor electromagnetic pulse valve one by one.

- 在线 / 离线、时序 / 压差清灰方式
Different modes including on-line, off-line, timed or pressure-differential for option.
- 启动 / 停止信号后，喷吹 / 遍停机
Shutdown after N times of blowing (or delay) following startup signal and stop signal.
- 输出点的屏蔽、替代和备用
The shielding, replacement and stand-by services for the output point.
- 短路、断路、限位、压差报警控制
With short circuit, open circuit, limiting and pressure-differential alarm control.
- 故障查询及最高、最低压差值记录
Records about fault query as well as highest and lowest pressure differences



压差模块
Differential pressure

型号含义 Type Definition



型号规格 Type Specification

输出总位数 = 离线阀 + 电磁脉冲阀数 = 主机位数 (28) + 1# 扩展单元位数 + 2# 扩展单元位数 + ……

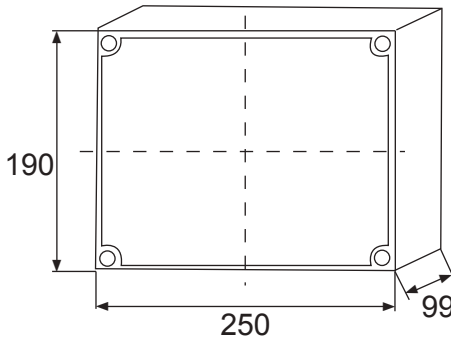
Total output bits = the number of offline valves + the number of pulse valves = the bits of main frame (28) + the bits of 1# expansion unit + the bits of 2# expansion unit + …

主机 Main frame	输出位数 Output digits	调节范围 Adjustable range	主机 (压差) Main frame	输出位数 Output digits	调节范围 Adjustable range	扩展 Expansion	输出位数 Output digits	调节范围 Adjustable range
ODMC-6CSB-12	12	1~12	ODMC-6CSD-12	12	1~12	ODMC-6CSE-10	10	1~10
ODMC-6CSB-20	20	1~20	ODMC-6CSD-20	20	1~20	ODMC-6CSE-30	30	1~30
ODMC-6CSB-28	28	1~28	ODMC-6CSD-28	28	1~28	ODMC-6CSE-60	60	1~60

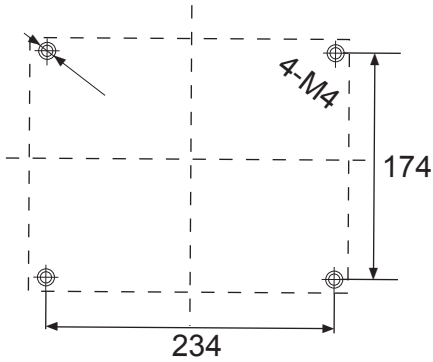
使用技术指标 Using technical indicators

工作电压 Input voltage	AC220V(1 ± 10%) 或其它规格 or another specification
工作频率 Operating frequency	50Hz~60Hz
输出电压 Output voltage	DC24V
输出电流 Output current	1A
输出位数 Output digits	250(离线阀 + 电磁脉冲阀 offline valves+pulse valves)
报警输出 Alarm output	DC24V, ≤0.2A
压差测量范围 Measurement range of differential pressure	0~6000Pa
精度 Accuracy	± 1.0%+1d
气管接口 Gas tube interface M	外径 / 内径为 6/4mm 塑料气管接头 External diameter/internal diameter: 6/4mm; plastic gas tube joint
耗电 Power consumption	< 10W
环境条件 Working environment	-25℃~ + 55℃、相对湿度 < 85% 无严重的腐蚀气体和导电尘埃、剧烈震动或冲击 Relative humidity of air < 85%; no serious corrosive gases, conductive dust, violent vibration or impact
重量 Weight	2.50kg
体积 Dimensions	250mm × 190mm × 99mm(L × W × H)

安装示意图 Installation Drawing



外形图
Outline Drawing



安装孔尺寸图
Drawing of Mounting Size



电路板自动化焊接插件



电路板成品老化设备



电路板半成品检测

脉冲喷吹控制仪 第8代在线 *Pulse Controller*

产品概述 Description

ODMC-8CS系列脉冲喷吹控制仪是欧顿公司设计的第八代单片机控制脉冲喷吹控制仪，实现按键参数设定、数码显示、各种参数可调等功能，操作简单，元器件均采用进口产品，质量稳定，是脉冲袋式除尘器喷吹清灰系统的主要控制装置，它的输出驱动电磁脉冲阀，进而控制压缩空气对滤袋循序喷吹清灰，使除尘器的定的范围内，以保证除尘器的处理能力和收尘效率。

ODMC-8CS pulse jet blowing control instrument for Orton company design of The eighth generation of the SCM control pulse jet blowing controller and achieve the key number set, digital display, various parameters can adjust function, the operation is simple, the components are used imported products, quality and stability is pulse bag type dust collector blowing ash system as the main control device, its output driving electromagnetic pulse valve, so as to control the compressed air to bag sequential injection blowing, dust collector fixed range, to ensure the dust remover's processing power and dust collection efficiency.



- 控制仪每次输出一位的驱动电压，一个驱动电压持续时间，称为脉冲宽度；
- 相邻二个输出驱动电压之间的间隔时间，称为脉冲间隔。
- 控制仪完成对所有位的电磁阀驱动输出所需要的时间，称为脉冲周期。
- 两个脉冲周期之间的停顿时间，称为循环间隔。
- The control apparatus outputs a driving voltage at each time, a driving voltage duration, called the pulse width;
- The interval between two adjacent outputs driving voltage, called the pulse interval.
- The control system is completed on the time required for the output of all the solenoid valves to drive the output, called the pulse cycle.
- The pause time between the two pulses is called a cycle.

型号含义Type Definition

OD MC – 8 C S A – N R C			R C	输入电压 Input Voltage	输出电压 Output Voltage
公司代码 Company Code	喷吹控制仪 Pulse jet control device	时间控制 Time control	①	220VAC	24VDC
			②	220VAC	220VAC
			③	110VAC	110VAC
设计序列 Designing serial	专用集成电路 Special integration circuitry	固定输出位数 Fixed output digit	A 在线型 B 离线和气箱脉冲 online pulse offline pulse and air box pulse		

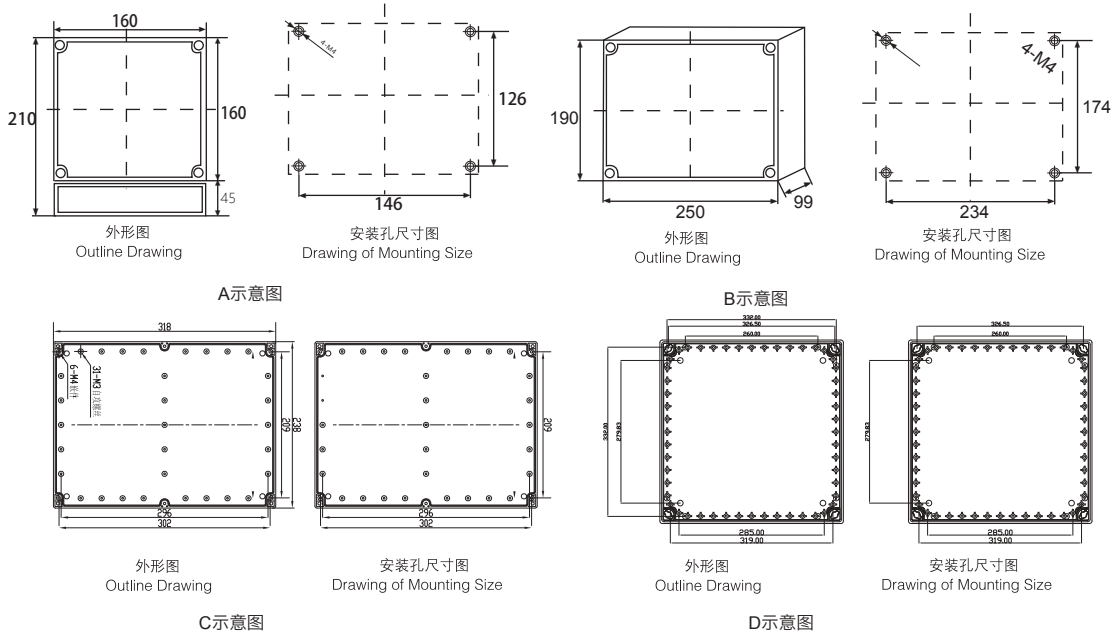
使用技术指标Using technical indicators

额定输入电压 Input voltage	AC220V(1 ± 10%)50HZ–60HZ(或其它规格 or another specification)
额定输出电压 Output voltage	DC24V(或其它规格 or another specification)
额定输出电流 Rated output current	1A
耗电 Power consumption	≤8W
输出脉冲持续宽度调节范围 Pulse width	0.02 ~ 0.12 sec
输出脉冲间隔调节范围 Pulse Intenal	1~255 sec
周期间隔调节范围 Cycle interval	0~255 min
控制输入信号 Control signal	开关触点 Contact Switch （定时/差压）
使用环境 Working environment	–25℃~+55℃ 空气的相对湿度不超过 85%；无严重的腐蚀气体和导电尘埃；无剧烈震动或冲击。 Relative humidity < 85%;No serious corrosive gases; conductive dust; violent vibration or impact.

型号规格 Type Specification

型号规格 Type	输出位数 Output digits	控制阀数量 Number of controlling valves	外型尺寸 Size(L × W × H) A:160×160×96 B:250×190×96 C:318×238×100 D:360×360×158
ODMC-8CS-5	5	1~5 任选	A
ODMC-8CS-12	12	1~12 任选	A
ODMC-8CS-15	15	1~15 任选	B
ODMC-8CS-20	20	11~20 任选	B
ODMC-8CS-24	24	11~24 任选	B
ODMC-8CS-36	36	20~36 任选	B
ODMC-8CS-48	48	30~48 任选	B
ODMC-8CS-64	64	40~64 任选	C
ODMC-8CS-70	70	50~70 任选	C
ODMC-8CS-80	80	60~80 任选	C
ODMC-8CS-96	96	70~96 任选	C
ODMC-8CS-100	100	80~100 任选	D
ODMC-8CS-118	118	90~118 任选	D
ODMC-8CS-128	128	100~128 任选	D

安装方式 Installlation Drawing





滤袋框架 Bag Cage

产品概述 Description

除尘器骨架应特轻巧,非常便于安装和维护,除尘骨架的质量直接影响滤袋的过滤状态和使用寿命.除尘器骨架由金属网格围成的圆筒,圆筒两端开口与风道相通.尘笼利用风机产生的气流压力把含尘空气压向尘笼表面,大部分短绒及杂质被阻留在尘笼表面.辅助设备较少,管理简单方便,过滤下来的棉筵,回用率较高,一般和其他过滤方式组装成滤尘设备。

欧顿公司拥有5条国内先进的除尘骨架制造设备,采用有足够强度和钢度的铁丝或不锈钢丝,使用高频焊机一次焊接骨架成型我公司对圆形除尘骨架有较高的生产能力,擅长制作各种梯形除尘骨架,扁形除尘骨架等异型除尘骨架,也可根据用户要求定制各种产品。

规格：圆形、椭圆形、扁形、信封形、其它根据客户要求定制的各种框架。

原料：优质低碳钢丝、镀锌钢丝、不锈钢线材等。

结构：有多节式、文氏管、保护短管、下卸式、插接式、卡盘式等合理的结构方式。

表面处理：有镀锌、喷塑、防腐处理、表面有机硅喷涂等。

The framework of the dust collector should be very light and easy to install and maintain, and he quality of the framework of the dust collector directly affects the filtration status and service life of the filter bag. The framework of the dust collector is surrounded by a metal grid.The cylinder is open at both ends of the cylinder and communicates with the air duct. The dust cage uses the air pressure generated by the fan to press the dusty air toward the surface of the dust cage, and most of the short pile and impurities are retained on the surface of the dust cage. Auxiliary There are few equipments, the management is simple and convenient, the filtered cotton feast has a high recycling rate, and it is generally assembled with other filtering methods into dust filtering equipment.

Outans company has 5 domestic most advanced dust-removing skeleton manufacturing equipment, using iron wire or stainless steel wire with sufficient strength and rigidity, using a high-frequency welding machine to weld the skeleton at once The company has a high production capacity for circular dust collector skeletons. It is good at making various trapezoidal dust removal skeletons, flat dust removal skeletons and other special-shaped dust removal skeletons, and can also customize various products according to user requirements.

Specifications: round, oval, flat, envelope, and other frames customized according to customer requirements.

Raw materials: high-quality low-carbon steel wire, galvanized steel wire, stainless steel wire, etc.

Structure: There are reasonable structural methods such as multi-section type, venturi tube, protective short tube, drop-down type, plug-in type, chuck type and so on.Surface treatment: galvanizing, plastic spraying, anti-corrosion treatment, surface silicone spraying, etc.



框架检验 Nspection of cage

我们建立了完善的质量检验流程,从原材料的进货检验、生产线自检、检验员巡检、车间现场管理人员抽检、成品入库检验,严格把好每一道工序。确保每一条袋笼出厂符合国家标准。

We have established a perfect quality inspection process, from raw material purchase inspection, production lineself-inspection, inspector inspection, on-site management staff spot inspection, finished product storage inspectionEvery process is good. Ensure that each bag cage leaves the factory in line with national standards.



多节框架种类 Types of multi-section frame



定制须知 notice

在定制框架时,请尽可能告知以下内容,以使我们能更好地为你设计你所需要的框架:

When customizing the framework, please inform the following as much as possible, so that we can better calculate the framework you need for you:

- ★框架的材质、长度和直径
- ★ The material, length and diameter of the frame
- ★ 花板孔径
- ★ Aperture of the flower plate
- ★ 单节或多节(选择接口形式)
- ★ Single section or multiple sections (choose the interface form)
- ★ 包装要求
- ★ Packing requirements
- ★ 线径要求及 纵丝数量
- ★ Wire diameter requirements and number of longitudinal wires
- ★ 表面处理要求(碳钢表面可镀锌或镀有机硅)
- ★ Surface treatment requirements (carbon steel surface can be galvanized or silicone coated)

★若您不知道如何确定您的框架,请让我们知悉您所用滤袋的材质、尺寸规格等,我们将依据此为您推荐设计您所需的框架。

★ If you don't know how to determine your frame, please let us know the material, size, etc. of the filter bag you use, and we will recommend the design of the frame you need based on this.





气动敲击锤 第六代高配型 Pneumatic percussion hammer

产品概述 Description

空气敲击锤是欧顿公司研发中心结合国际先进技术研发的新型敲击装置，其特点是冲击力大,结构简单,使用方便. 可有效解决粉体物料生产过程中的粘壁、挂料、堵塞、架桥等情况且对料仓无损伤和变形。冲击力强，噪音小，多种型号可供选择。冲击力和动作时间可控制，安装方便。可在防爆、多粉尘、潮湿等环境中使用。广泛适用于化肥,化工,食品,医疗,农药,玻璃,水泥等行业。

Air is the hammer striking a r&d center with international advanced technology research and development of new, its characteristic is striking force, simple structure, convenient use. Can effectively solve the powder materials production process, sticking, bridging plug, etc, and no damage and deformation of bunker. Huge impact, the noise is small, various types of options. Time can be controlled and impact, convenient installation. But in the dust, moisture, explosion-proof etc. Widely used in chemical, chemical, food, medicine, pesticide, glass and cement industries.

大部分的堵塞与粉粒体的特殊性质有关
粉粒体一般带有流动性、偏析、分散性、附着以及凝固、磨损、带电等特殊性质。由于上述特殊性质，粉粒体容易附着于料仓壁，引起桥形堵塞、弓形堵塞、鼠洞形堵塞、仓壁附着等现象。

Most of the plug and the special properties of powderPowder with liquidity, segregation, dispersion, attachment as well as solidification, abrasion, chargedSpecial character. Due to the special nature, powder easily attached to the silo wall, causing bridge shaped blockingPlug, plug, plug, then bow shaped silo wall attachment phenomenon.

产品特点 Product features

- 1、磁力冲击力强，落粉效果好、运行成本低、节能效果好。
- 2、自动化敲击解决粉物料因粘壁架桥引起的料仓堵塞，敲击频率、周期可调（需配ODKX系列自动控制箱）。
- 3、通过调节供气气压大小来调整敲击力度，此外，敲击音的大小也可通过调整气压大小得到控制。在安装工程中，由于型号选择不受出现能力过强或不足等误差现象时，同样也可以通过调整气动敲击器自身敲击力度解决。
- 4、结构简单，拆卸方便、维护方便，质量可靠，故障降低，十分环保。
- 5、产品通过100万次敲击次数试验检测。构造简单基本无需保养，高设计水准的耐用性能及简单的构造基本无需保养。在长期的销售业绩中由于产品故障少且无需保养而深受客户好评。
- 6、整体采用高强度铝合金热化处理，外表高温防腐考取处理，为您的设备添光彩。



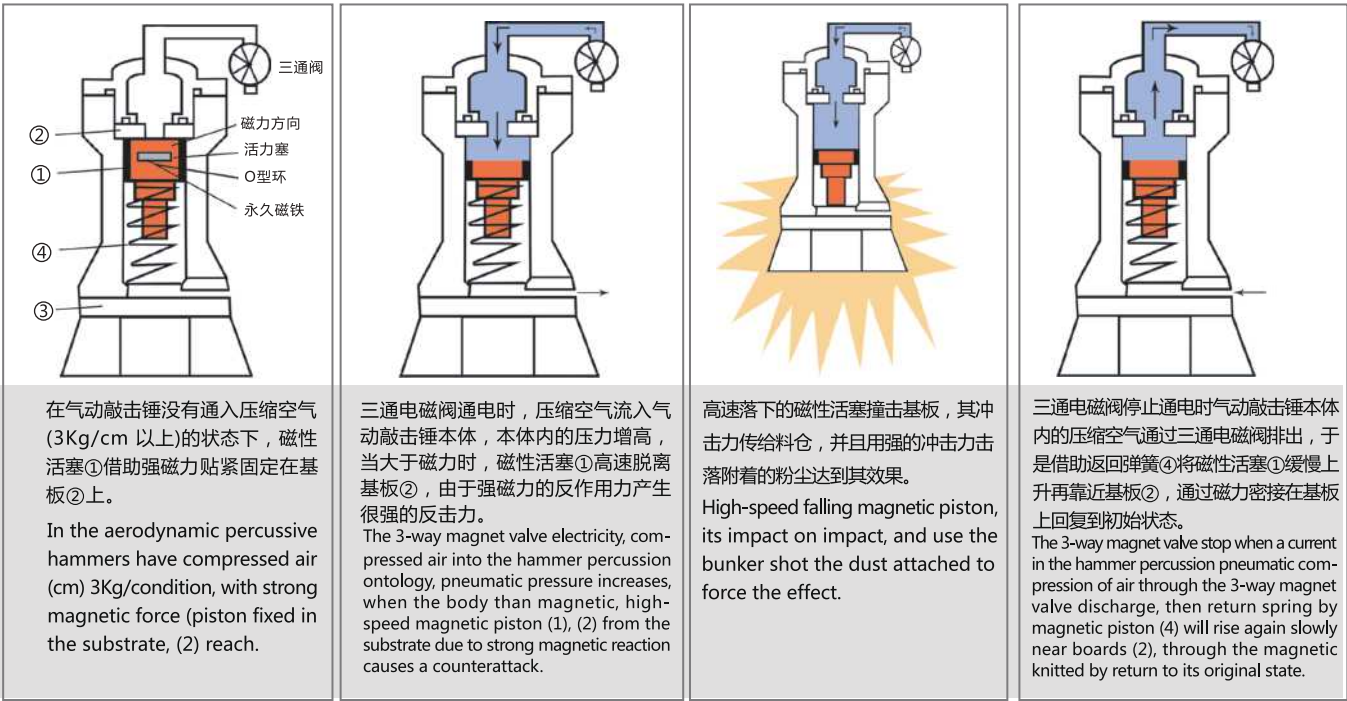
- 1, magnetic impact force, good, good, low cost, low operating cost, good energy saving effect.
- 2, automatic tapping solve powder material for wall sticking bridge caused by storage bunker obstruction, hit the cycle frequency, can be automatic control box of tune (with ODKX series).
- 3, by adjusting the gas pressure to adjust the size of the percussion, in addition, the size of the percussion sound can be controlled by adjusting the air pressure. In installation engineering, because the model selection is wrong , The current ability is too strong or insufficient and other error phenomenon, the same can also be adjusted by the pneumatic percussion device to beat the strength to solve.
- 4, simple structure, easy disassembly, convenient maintenance, quality, reliability, failure to reduce, very environmentallyfriendly,
- 5. The product is tested by 1000000 times. Simple structure, no need to maintain the basic maintenance, high design level of durable performance and simple structure without maintenance. The sales in the long As a result of product failure and no need to maintain and by customers.
- 6, the overall use of high strength aluminum alloy heat treatment, surface treatment to obtain high temperature corrosion, to add luster to your device.

型号含义 Type Definition



- ★备注：
- *欧顿公司第五代气动敲击锤产品获多项专利产品，其配置高于同类产品，内部核心技术使得产品在同行业内无法超越，该产品在国内销量领先。
- *此次产品升级，同时注册了新的产品型号ODC系列取代原来型号ZC和SK，安装尺寸为更改请放心选择，给您带来不便敬请谅解。
- ★ Remarks:
- * The fifth-generation pneumatic hammer product of Outans Company has obtained many patented products, and its configuration is higher than similar products.The company's core technology makes the product unsurpassed in the industry, and the product leads the domestic sales.
- * This product upgrade, at the same time registered a new product model ODC series to replace the original model ZC and SK, Please feel free to choose the installation size for the change, please forgive me for the inconvenience.

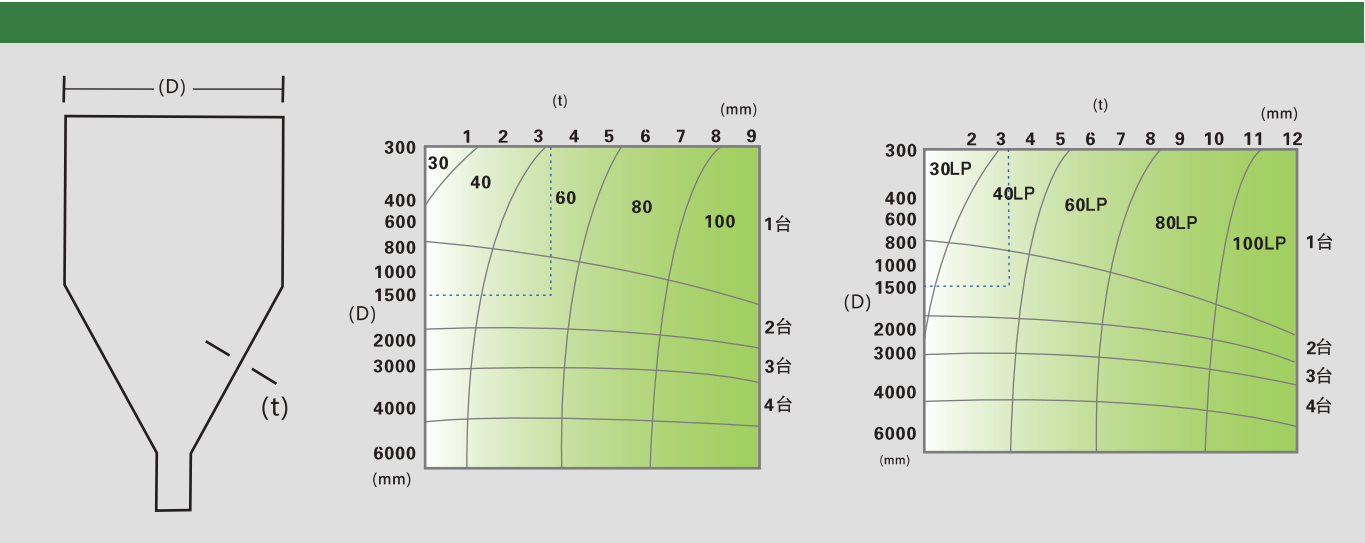
工作原理 Working Principle



产品选型及规格型号Product Selection And Specifications

气动敲击锤的选定如图所示,大致以60度的圆锥料斗作为基准,根据直径(D)和圆锥部分的板厚(t),由图来选定气动敲击锤的型号和台数.例如设料斗直径(D)是1500mm,板厚(t)是3mm,由图可知选择60型,台数为2台.并且有时因料斗的形状(角锥,圆锥)及其中的粉体的物性,状态等不同,略有差异。

Pneumatic percussion hammer selected as shown, 60 degrees, the cone hopper as benchmark according to the diameter (D) and the thickness of conical section (t), selected by pneumatic chart to knock the hammer type and number. For example, set hopper diameter (D) is a 1500mm (t), thickness, the figure is 3mm that choice for 2, the number of 60. And sometimes because the shape (undersurface hopper, tapered) and the powder of different state property, and slightly different.



注意：料仓材质有差异，气压大小、储存物料的特性（含水分、比重、粒径）也会造成不同程度的堵塞，选型时要适当考虑。

技术指标Technical Index

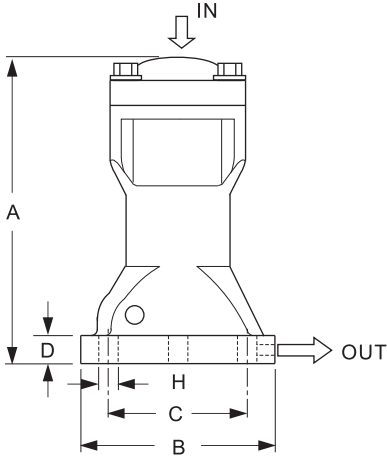
型号 Model	使用压力 Using pressure	空气消耗量 Air consumption	冲击力 Wallop	重量 Weight
ODC-30	0.3-0.7Mpa	0.028L/回	1.5kgm/sec	1.60kg
ODC-40	0.3-0.7Mpa	0.080L/回	3.0kgm/sec	2.70kg
ODC-60	0.3-0.7Mpa	0.228L/回	8.5kgm/sec	6.00kg
ODC-80	0.4-0.7Mpa	0.455L/回	20.0kgm/sec	13.0kg
ODC-100	0.5-0.7Mpa	1.012L/回	35.0kgm/sec	20.5kg
ODC-30LP	0.3-0.7Mpa	0.028L/回	2.0kgm/sec	1.80kg
ODC-40LP	0.3-0.7Mpa	0.080L/回	4.2kgm/sec	3.00kg
ODC-60LP	0.3-0.7Mpa	0.228L/回	13.8kgm/sec	6.50kg
ODC-80LP	0.4-0.7Mpa	0.455L/回	28.6kgm/sec	13.5kg
ODC-100LP	0.5-0.7Mpa	1.012L/回	48.0kgm/sec	21.0kg

备注：LP为活塞加强型，可直接敲击被安装体，产生的冲击力大于标准型号。

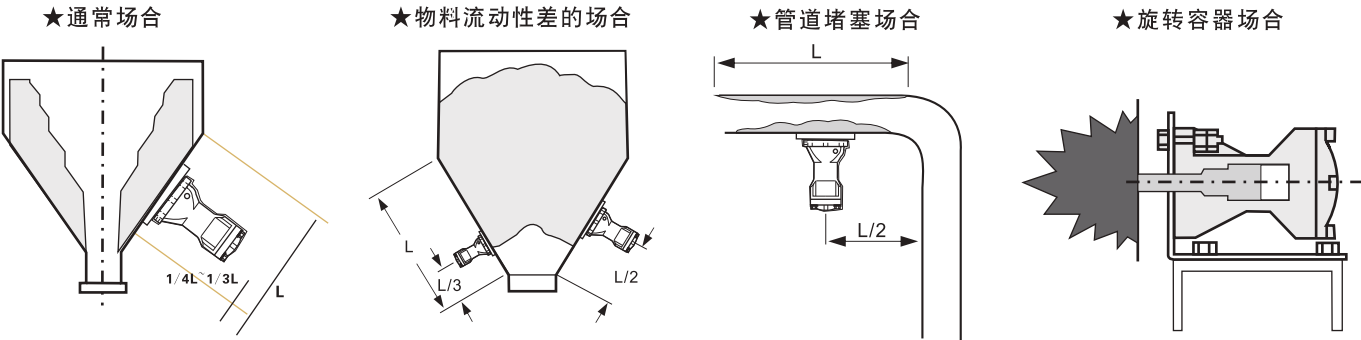
外形尺寸 Outline Dimensions

产品型号	A	φB	φC	D	φH	IN	OUT
ODC-30	135	80	63	13	9	1/4" PT	1/8" PT
ODC-40/40LP	160	95	75	18	12	1/4" PT	1/4" PT
ODC-60/60LP	220	140	110	17	16	1/4" PT	1/4" PT
ODC-80/80LP	265	168	134	26	16	1/4" PT	3/8" PT
ODC-100/100LP	310	190	150	26	18	3/8" PT	3/8" PT

备注：型号ODC为ZC/SK型号新编，完全可替代使用，加强型与标准型外形尺寸相同。

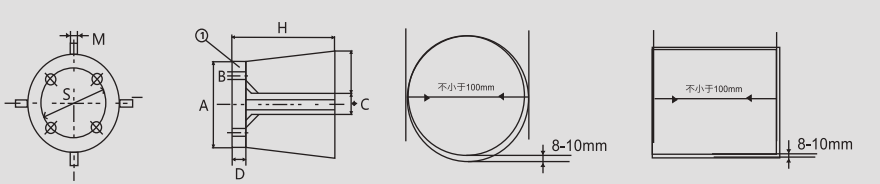


安装事项 Install Matters



底座尺寸 Base Size

产品型号	A	φB	φC	D	H	S	M
ODC-30	80	9	32	10	80	63	M8×40
ODC-40/40LP	95	12	40	10	80	75	M10×40
ODC-60/60LP	140	16	50	10	80	110	M14×50
ODC-80/80LP	168	16	62	10	80	134	M14×60
ODC-100/100LP	190	18	89	14	80	150	M14×60



安装与保养 Installation and maintenance

- 1、安装部分需加加强板，并满焊接牢固，否则冲击力会使局部造成变形或破损；
 - 2、为了防止脱落，请用钢丝绳将气动敲击锤吊挂在安全固定的地方，避免冲击力使安装螺母松动脱落，造成损失；
 - 3、安装气锤本体与底座时需加装弹簧垫和平垫，并定期进行螺母紧固力检查；
 - 4、气动敲击锤应使用洁净空气，避免造成设备运行故障；
 - 5、安装底座应加焊加强筋，增强底座的牢固性；
 - 6、环境恶劣工况下使用，应每隔一个月左右定期打开气锤内部配件进行清洗，安装时加入适量的润滑油；
 - 7、更多保养知识请仔细阅读产品说明书。
1. The installation part needs to be reinforced and welded firmly, otherwise the impact force will cause local deformation or damage;
 2. In order to prevent falling off, please hang the pneumatic hammer with a wire rope in a safe and fixed place to avoid the impact force causing the mounting nut to loosen and fall off, causing losses;
 3. When installing the air hammer body and base, spring pads and flat pads need to be added, and the nut tightening force should be checked regularly;
 4. Pneumatic hammers should use clean air to avoid equipment malfunction;
 5. Welding reinforcing ribs should be added to the installation base to enhance the firmness of the base;
 6. For use under harsh environmental conditions, the internal parts of the air hammer should be regularly opened for cleaning every one month or so, and an appropriate amount of lubricant should be added during installation;
 7. Please read the product manual carefully for more maintenance knowledge.

K系列滚珠式气动振动器
K-series Ball Type Pneumatic Vibrator

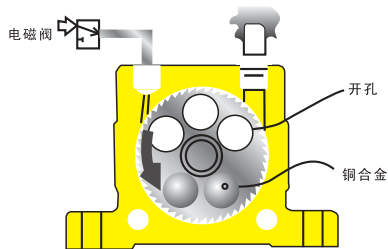
产品概述 Description

K系列滚珠式振动器是欧顿公司依托自身研发团队结合国外先进技术，引进先进生产线研发高新产品，产品结合了高速与偏心加工力矩，采用正负阳极氧化端盖和转轮，使产生强大功率的振动力。壳体采用高压力、高精度成型设备，一次成型精密加工而成，提高产品的精度，保证产品的质量。K系列滚珠式振动器经公司测试结果符合目前国际上的噪音技术要求。

K series ball type vibrators is the company's own r&d team with foreign advanced technology, the introduction of advanced production lines, product research and high-tech products with high speed and torque, adopts eccentric processing minus anodic oxidation cover and wheel and generate strong power of vibration. Shell adopts high pressure, high precision molding equipment, precision machining and forming time, improve the product's accuracy, ensure the quality of products. K series ball type vibrators company test results with the noise current international technical requirements.

工作原理 Working Principle

本产品内部装有精密钢环和滚珠，外部由2个塑胶密封，压缩空气进入后推动钢珠在内部中回转，滚珠与本体高速运转产生振动力。
This product contains precision steel ring internal and external screw, by two plastic seal, compressed air into steel in promoting internal after turning ball and ontology in vibration produced under high-speed operation.

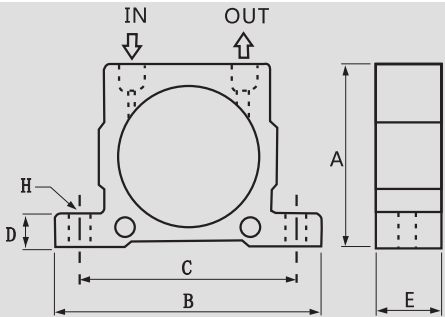


技术参数 Technical Parameters

型号	振动频率(次/分)			离心振动力(N)			空气消耗/分钟(Ltr)			Weight/重量
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	
K-8	22.510	31.100	35.100	132	250	355	0.85	1.50	1.90	135g
K-10	22.510	28.000	34.000	250	470	710	0.90	1.55	2.10	135g
K-13	15.000	18.500	22.500	320	550	875	0.95	1.60	2.30	265g
K-16	13.000	17.000	19.000	455	810	1.160	1.25	2.10	2.80	305g
K-20	10.500	14.500	16.500	715	1.200	1.750	1.35	2.35	3.35	540g
K-25	9.200	12.200	14.100	925	1.580	2.100	1.65	2.95	4.20	640g
K-30	7.800	9.700	12.500	1.520	2.480	3.250	2.20	3.80	5.75	1140g
K-36	7.300	9.000	10.100	2.050	3.135	4.100	2.65	4.80	6.78	1350g

外形尺寸 Outline dimensions

型号	A	B	C	D	E	H	IN	OUT
K-8	50	86	68	12	20	Φ7	G1/4"	G1/4"
K-10	50	86	68	12	20	Φ7	G1/4"	G1/4"
K-13	65	113	90	16	24	Φ9	G1/4"	G1/4"
K-16	65	113	90	16	27	Φ9	G1/4"	G1/4"
K-20	80	128	104	16	33	Φ9	G1/4"	G1/4"
K-25	80	128	104	16	38	Φ9	G1/4"	G1/4"
K-30	100	160	130	20	44	Φ11	G3/8"	G3/8"
K-36	100	160	130	20	50	Φ11	G3/8"	G3/8"



GT系列气动涡轮振动器
GT Series of Pneumatic Turbine Vibration

产品概述 Description

GT系列转轮振动器是欧顿公司依托自身研发团队结合国外先进技术，引进先进生产线研发高新产品，产品结合了高速与偏心加工力矩，采用正负阳极氧化端盖和转轮，使产生强大功率的振动力。壳体采用高压力、高精度成型设备，一次成型精密加工而成，提高产品的精度，保证产品的质量。GT涡轮振动器经公司测试结果符合目前国际上的噪音技术要求。

GT series is the runner of vibrator's own research team company with foreign advanced technology, the introduction of advanced production lines, product research and high-tech products with high speed and torque, adopts eccentric processing minus anodic oxidation cover and wheel and generate strong power of vibration. Shell adopts high pressure, high precision molding equipment, precision machining and forming time, improve the product's accuracy, ensure the quality of products. GT -turbine vibrators company test results with the noise current international technical requirements.

工作原理 Working Principle

产品内部装有偏心铜合金转子，压缩空气通入进去孔冲击，转子内正与负不平衡力矩的离心力产生振动，转子由二个高功率，预润滑的匹配有护圈轴承支持。使用寿命特别长的润滑脂采保证较长的二使用寿命。

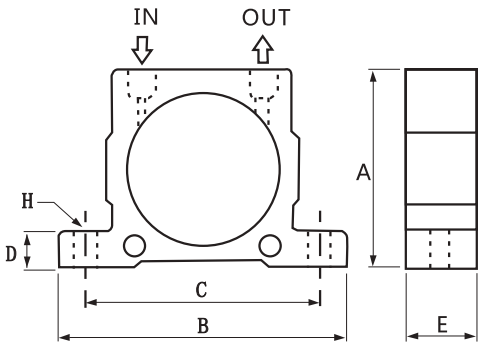
Products from inside the heart with copper alloy rotor, compressed air, the hole in the rotor imbalance with negative within the centrifugal force, moment by two rotor vibration generation of high power, the match is lubricated bearing retainer. Especially long use life by assure long grease second life.

技术参数 Technical Parameters

型号	振动频率(次/分)			离心振动力(N)			空气消耗/分钟(Ltr)			Weight/重量
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	
GT-8	36.000	42.000	46.000	990.00	2.060	2.910	0.48	0.75	1.52	255g
GT-10	27.000	35.000	37.000	840.00	1.390	2.400	0.48	0.75	1.52	265g
GT-13	26.000	30.000	33.000	1.400	2.440	3.730	1.25	2.10	2.80	582g
GT-16	17.000	21.500	24.000	1.220	2.090	3.160	1.25	2.10	2.80	615g
GT-20	17.000	20.000	23.000	2.170	4.040	5.520	1.88	3.15	4.65	1120g
GT-25	12.000	15.500	17.000	2.120	3.150	5.070	1.88	3.15	4.65	1205g
GT-30	13.000	14.000	16.000	3.380	5.430	7.540	3.38	5.25	7.55	2300g
GT-36	8.000	10.000	13.000	3.290	5.360	7.190	3.38	5.25	7.55	2550g
GT-40	7.650	8.850	9.550	4.350	7.350	9.850	4.28	6.80	9.60	3880g
GT-48	5.800	7.550	9.750	4.950	7.750	10.600	4.28	6.80	9.60	4280g

外形尺寸 Outline dimensions

型号	A	B	C	D	E	H	IN	OUT
GT-	50	86	68	12	20	Φ7	G1/4"	G1/4"
GT-10	50	86	68	12	20	Φ7	G1/4"	G1/4"
GT-13	65	113	90	16	24	Φ9	G1/4"	G1/4"
GT-16	65	113	90	16	27	Φ9	G1/4"	G1/4"
GT-20	80	128	104	16	33	Φ9	G1/4"	G1/4"
GT-25	80	128	104	16	38	Φ9	G1/4"	G1/4"
GT-30	100	160	130	20	44	Φ11	G3/8"	G3/8"
GT-36	100	160	130	20	50	Φ11	G3/8"	G3/8"
GT-40	120	194	152	24	83	Φ17	G3/8"	G3/8"
GT-48	120	194	152	24	83	Φ17	G3/8"	G3/8"



ODKX系列气动震击器专用自动控制箱
ODKX Series Of Pneumatic Jar Special
Automatic Control Box

产品概述 Description

ODKX型气动敲击锤专用控制箱是欧顿公司工程师最新研发的气动震击类产品专用自动化控制系统，主机采用微电脑控制，该产品由自动化控制仪、三通电磁阀，电源开关、指示灯、进出气管端子组成。可以实现震击间隔时间可调，循环时间可调等先进功能。该控制箱电路设计合理，电路稳定、操作简单，大大方便用户的需求。

ODKX hammer percussion of pneumatic control box is Europe's latest research company engineer pneumatic shock products for automation control systems, host microcomputer control, the product by automation control meter, the 3-way magnet valve, the power switch, light tracheal terminals, access. Can realize shock interval adjustable, cycle time adjustable such advanced functions. The control box circuit design is reasonable, circuit stability, simple operation, easy greatly the needs of users.

工作原理 Working Principle

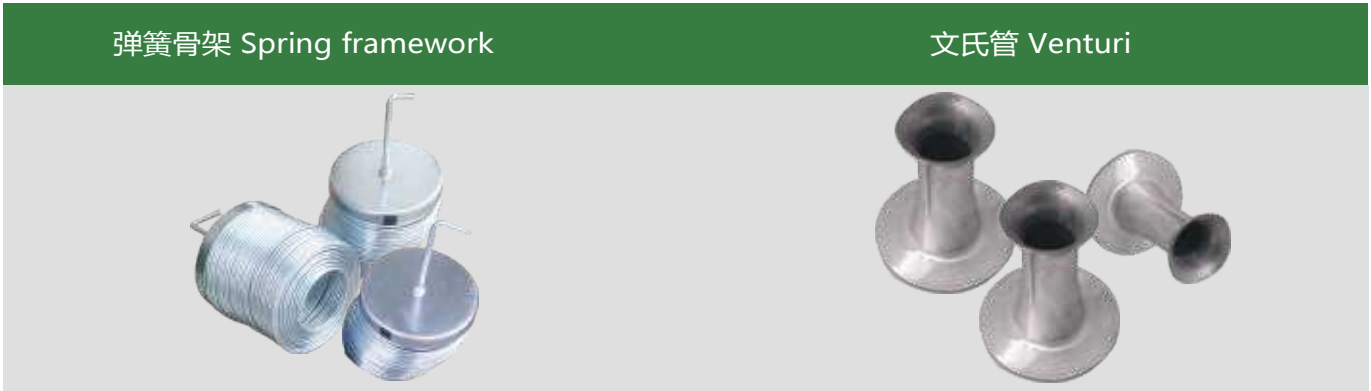
外来气源气体（0.4-0.6Mpa）进入三通电磁阀的进气孔，出气孔的开、闭状态由控制仪表控制，电磁阀的通断来执行气动敲击锤的工作状。
External source gas (0.6 Mpa) into 0.4 - the 3-way magnet valve in the open air flow, porosity, close state control instrument control by the solenoid valves, pneumatic percussive hammers to perform the work.

技术参数 Technical Parameters

受控震击器个数 The number is controlled shock	1-10，1-20(可任意设置)
额定输入电压 Rated Input Voltage	AC220V (-10%~+10%) 50HZ-60HZ
额定输出电压 Rated Output Voltage	DC24V (或其他规格)
额定输出电流 Rated Output Current	1A
输出脉冲间隔调节范围 The Output Pulse Interval Adjustable	1~999秒、1~255秒（可调）
输出脉冲宽度调节范围 The Output Pulse Width Adjustment Range	0.1~9.9秒、0.02~0.12秒（可调）
周期间隔调节范围 Cycle interval	0~255分（可调）
使用环境 Use Environment	-25℃~+55℃ 空气的相对湿度不超过85% 无严重的腐蚀气体和导电尘埃 无剧烈震动或冲击
外形尺寸 Shape dimension	控制仪：210×160×70mm(挂壁式安装) 控制箱：500×400×170mm (其他规格)
材质说明 Materical Construction	碳钢、不锈钢、防爆



专用配件
Special Parts



以下为部分规格，材质：不锈钢、镀锌等

直径Diameter	115	125	145
配用滤袋直径 Bag Diameter	120	130	150
长度Length	1500	2000	2400

以下为部分规格，材质：不锈钢、铝合金、铁、塑料等

规格 SPECIFICATION	直径 Diameter	长度 Length	小口直径 Small Diameter
150×160	150	160	85
150×180	150	180	85
180×190	180	190	95



先导头 The pilot head



ODG519A1320 ODG519A1350 ODG519A1308 ODG519A1325 ODG519B1320

线圈 Coil



ODG519A1350N ODG519B1320N ODG519A1325N ODG519A1320N ODG519A1320BF(防爆)