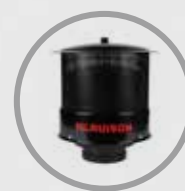


FILRUISON

OCUATRO
RAMA

ENGINE FILTER SOLUTION / FILRUISON

发动机滤清器解决方案



A global filter company
专业的国际化滤清器公司



ENGINE FILTER SOLUTION

发 动 机 滤 清 器 解 决 方 案

PROFILE

企业简介

从1975年开发出第一套预滤器，FILRUISON一直是行业内高质量、全系列的预滤器生产商。凭借丰富的前瞻性、专业性，及对全球市场的了解和优秀的管理，我们成功地发展成为一家专业滤清器制造企业。我们具有完善的生产控制体系和质量控制系统，不仅提高了生产产量，而且优秀的品质也受到客户的赞赏，使我们能够成功地将我们的产品销往世界各地的OEM、OES和售后市场。

创新，性能和持续改进是我们集团公司的驱动力：FILRUISON为工程机械、土方机械，农业机械，灌溉和特殊机械提供空气滤清器、空气预滤器和油水分离器。每种类型过滤器的设计都采用最先进的技术，以满足所有工业设备的需求；产品设计同时也基于差异化技术，以满足不同工业应用在成本，尺寸和能量消耗上的不同标准。

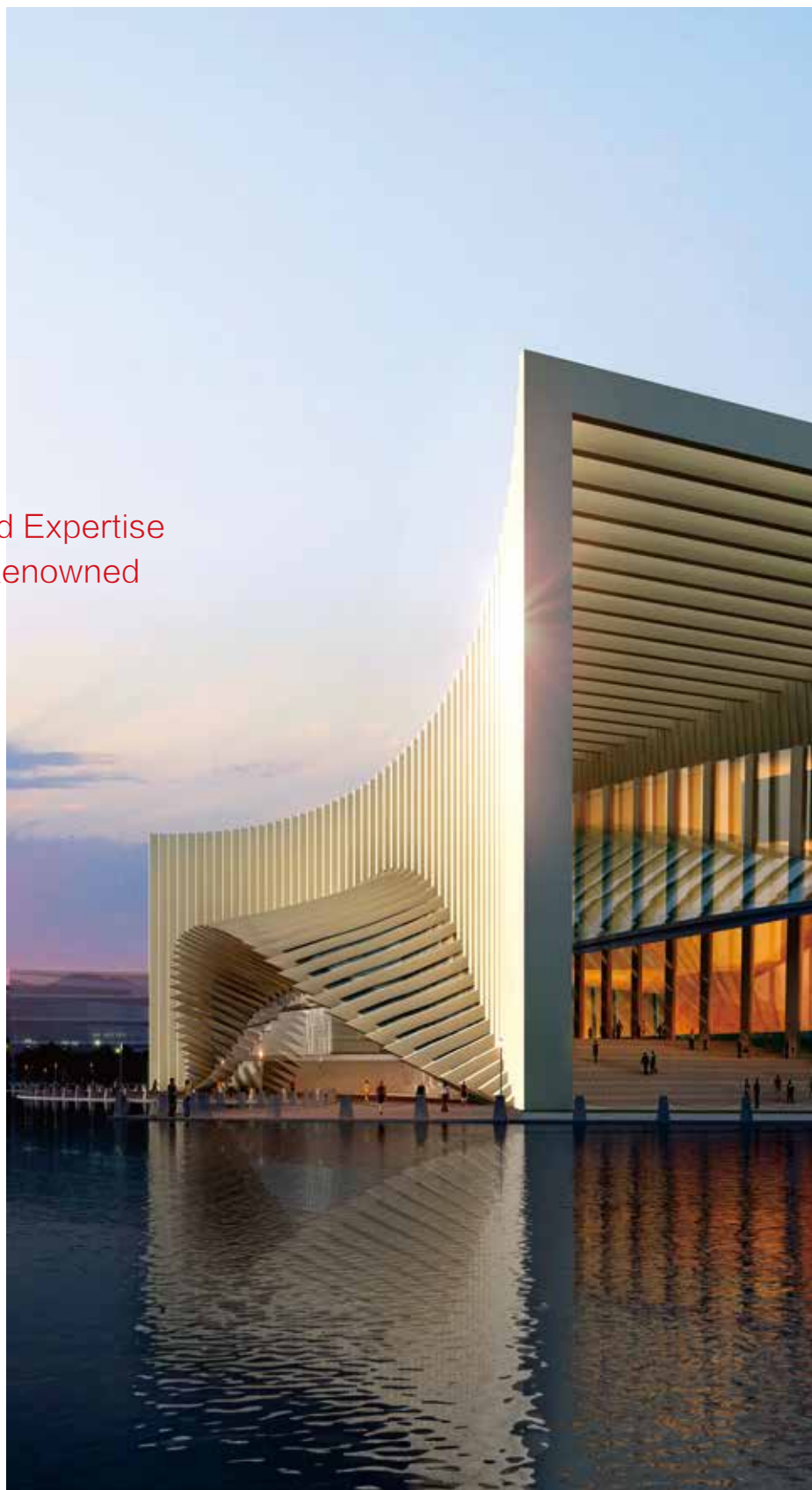
Since the first precleaner was developed in 1975, FILRUISON has been the leading manufacturer of high quality, full range of precleaners. With a wealth of forward-looking, professional, understanding of the global requirement and excellent management, we have successfully developed into a professional filters company. We have a complete production control system and quality control system, which not only improves the production output, but also the excellent quality is appreciated by customers, enabling us to successfully supply our products to OEM, OES and aftermarket in the world.

Innovation and continuous improvement are the driving force of our group: FILFUISON provides air filters, air pre-filters and oil-water separators for construction machinery, earthmoving machinery, agricultural machinery, irrigation and special machinery. Each type of filter is designed with the latest technology to meet the needs of all industrial equipment; product design is also based on differentiated technology to meet different standards for cost, size and energy consumption for different applications.



45年专注领先
行业知名品牌

45 Years Profound Expertise
and Experience Renowned
Industrial Leader



滤胜未来 | FILTRATION FOR A BETTER FUTURE

CULTURE

企业文化

FILTRATION FOR A
BETTER FUTURE

创 新 进 取 滤 胜 未 来

FC



FILTRATION FOR A BETTER FUTURE

创新进取 “滤” 胜未来

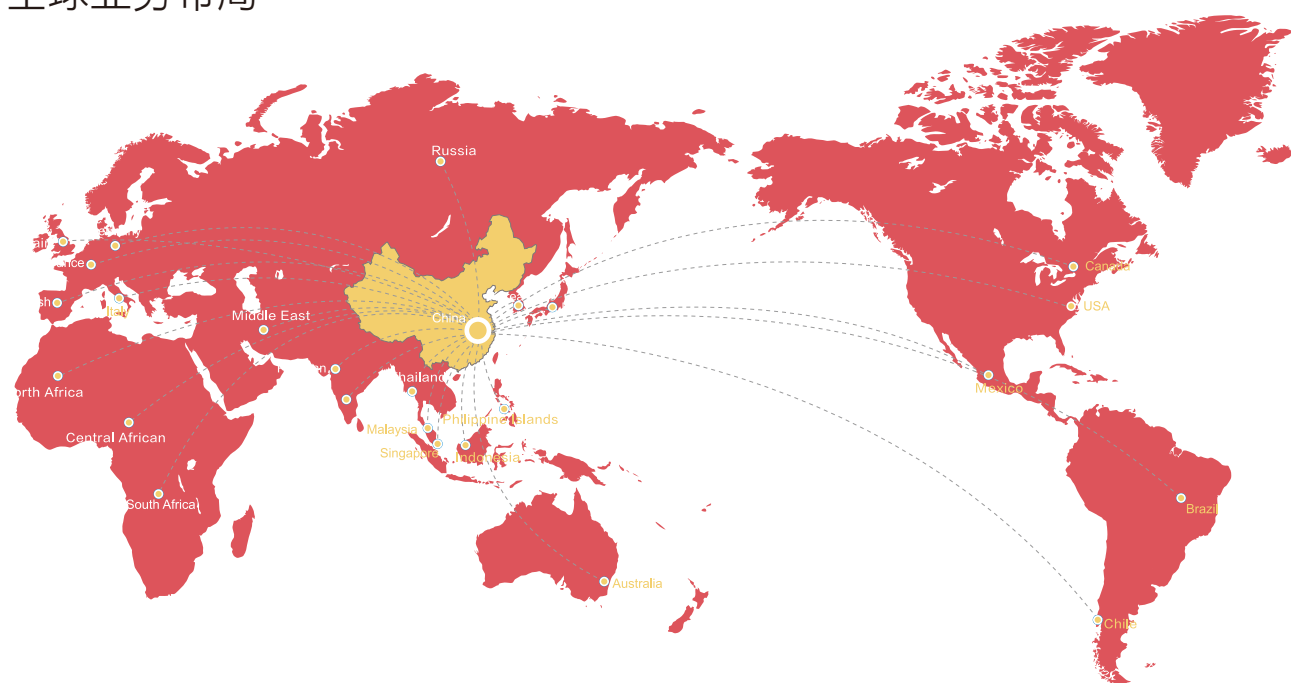
每台车辆、每台设备内部都有一个神奇世界，每天都在致力于提高创新和技术价值。在FILRUISON过滤科技的世界里，这种创新和技术体现在其所设计的卓越的过滤产品中，也体现在其对前瞻性新技术应用的研究中。价值源于先进的理念—创新进取，“滤”胜未来。

Inside every vehicle and industrial machine, there's a hidden world, that contributes everyday to increasing the value of innovation and technology. It's the world of FILRUISON Industrial, that is led by excellence in each filtration product it designs and that develops new technological applications always looking toward the future. Filtration that originate from a very advanced thinking that give power to the future. This is what "Filtration for a better future" actually means.



GLOBAL BUSINESS LAYOUT

全球业务布局



滤胜未来 | FILTRATION FOR A BETTER FUTURE

PRODUCTS

企业产品

依靠敏锐的洞察力，持续的创新力，高标准的质量体系，高效率的执行能力提供丰富产品，

Relying on keen insight, continuous innovation, high standard quality system, efficient execution ability to provide rich products



满足市场需求，适应行业变化。

to meet market demand, to adapt to changes in the industry.

FC

FILRUISON

**OCUATRO
RAMA**

FILRUISON FULL RANGE OF PRODUCTS

01



动力空气预滤器
DYNAMIC AIR PRE-CLEANERS

02



油浴式滤清器
OIL BATH FILTER

03



双滤芯空气滤清器
DUAL ELEMENTS AIR FILTER

04



柴油油水分离器
DIESEL FUEL FILTERS/ WATER
SEPARATORS

 动力空气预滤器

 双滤芯空气滤清器

 油浴式滤清器

 柴油油水分离器

DYNAMIC AIR PRE-CLEANERS

动力空气预滤器

空气预滤器是一套独立完整的动力装置，利用离心力分离污垢颗粒，用于在污浊空气进入内燃机或空压机主过滤器之前的进气口去除灰尘，昆虫，植物碎片，雨雪等污染物。

FILRUISON动力空气预滤器是过滤系统的第一阶段，通常安装在防雨帽，防尘罩或衍射式预滤器（排气系统）所在的位置，在某些应用中，它们可以直接安装在发动机的传统空气滤清器壳体上。

The air pre-cleaner is a complete dynamic device that by centrifugal separate dirt particles, is designed to remove contaminants such as dust, insects, plant debris, rain, snow, etc... from the air intake of any engine and compressor of internal combustion before the contaminate air reach the main filter.

FILRUISON dynamic air pre-cleaners are the first stage of filtration and are usually installed where the rain cap, dust bowl or aspirated pre-cleaner (exhaust system) are located, in some application, they can be mounted directly to the engine's conventional air filter housing.



OIL BATH FILTER

油浴式滤清器



空气通过进气口进入后，直接吹向油面，大部分灰尘颗粒被油吸附。由于空气进入时初速度很快，会在油盆中形成空气和油液的混合油雾，混合油雾相互碰撞吸附形成大的灰尘掉入油盆或者黏连在钢丝滤芯上，产生二次过滤。此类型产品为更多恶劣环境下的发动机进气提供更高效率的保护。

After air enters through the intake port, it blows directly to the oil surface, and most dust particles are adsorbed by oil. Because the initial speed of air entering is very fast, the mixed oil mist of air and oil will be formed in the oil basin. The mixed oil mist collides and adsorbs with each other to form large dust falling into the oil basin or adhering to the wire filter element, resulting in secondary filtration. This type of product provides more efficient protection for engine intake in more harsh environments.

DUAL ELEMENTS AIR FILTER

双滤芯空气滤清器



这类型空气滤清器中主滤芯和安全滤芯为标准配置，且这些空气滤芯与所有同规格的标准空气过滤器滤芯可实现完全互换，适用于所有发动机和压缩机的不同配套要求。

This kind of the filters housings where are the filters, primary or/and safety set. These filters canisters allow the use of standard air filter elements, for all types of applications that uses engines and compressor.

DIESEL FUEL FILTERS / WATER SEPARATORS

燃油油水分离器

全系列的油水分离器可以满足各种柴油发动机的配套要求，通过分离、凝聚和阻挡等功能，将柴油里的水有效分离的同时，还可以将杂质滤除。密度较大的水和杂质沉入透明杯底并排出。

The full range of fuel-water separators can meet the requirements of various diesel engines. By separation, coalescing and final filtering by a water repelling media, not only the water in the diesel can be effectively separated, but also the dust can be filtered out. The water and dust down into the bottom of the transparent cup and drain out.



PC SERIES PRE-CLEANER

PC系列预滤器



《 工作原理 / HOW IT WORKS

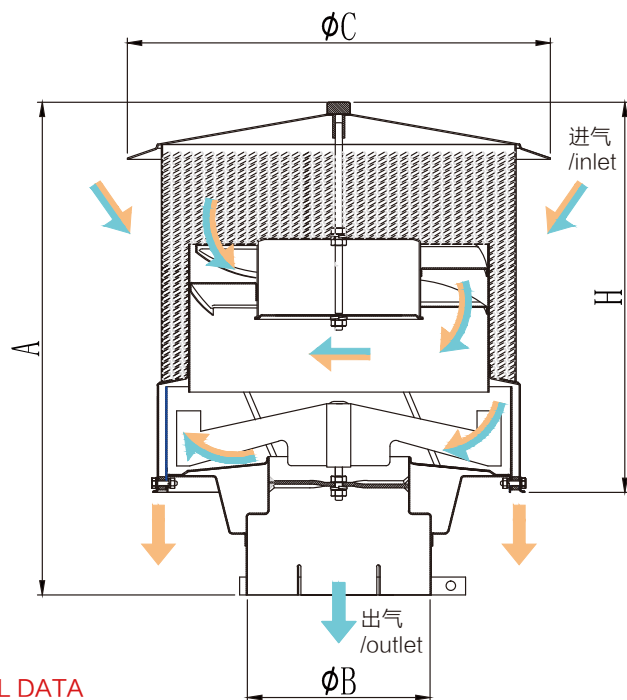
空气首先通过过滤网罩去除大的碎片.进入旋风装置后,气流高速旋转产生的离心力将浮尘,泥土,昆虫,雨水,雪花等分离出来;所有分离出来的杂物在高速旋转的叶轮的驱动下从底部或侧面的特殊通道排出.只有净化的空气进入下一级过滤器。旋转叶轮由涡旋气体驱动,不需要额外的动力。

The air is first filtered through a pre-screen to remove large debris, then air flows through static vanes causing the air to spin. As the air spins, centrifugal force separates dust, dirt insects, rain and snow from the air. All the separated debris is driven by the high-speed rotating rotor to discharge from the bottom or side of the special channel. The rotor is driven by swirling air, no additional power is required.



《 产品优势 / ADVANTAGES IN A GLANCE

- 能够分离出空气中95%以上的杂质
- 高空气流量-低压力损失
- 提高燃油效率,达到节油效果
- 最大可以延长空气滤清器10倍工作寿命
- 可节省机械设备近50%停机保养维护时间
- 有效的延长发动机和涡轮增压器的寿命
- 自动工作,无需外加驱动力;自动排尘,免维护
- 金属壳体,粉末喷塑表面处理工艺
- Separate more than 95% impurities from intake air
- High air flow - low resistance
- Improve fuel efficiency to achieve fuel economy
- Extend air filter life up to 10 times
- Reduce down time by up to 50%
- Prolong engine and turbocharger life
- self-powered and self-cleaning, maintenance-free
- Metal shell, powder spray surface treatment process



《 技术参数 / TECHNICAL DATA

型号 model		PC08	PC11	PC18	PC24	PC32	PC45
空气流量范围 airflow range		3.5a7.0 m³/min	7.0a11.0 m³/min	11.0a18.0 m³/min	15.0a24.0 m³/min	22.0a32.0 m³/min	30.0a45.0 m³/min
功率范围 power range		60-120HP (45-90KW)	120-160Hp (90-120kw)	160-280Hp (120-210kw)	220-340Hp (166-253kw)	300-420Hp (225-315kw)	400-580Hp (298-432kw)
重量 weight		2.05kg	3.15kg	4.20kg	5.35kg	7.00kg	8.95kg
尺寸 / dimensions	A	282mm(11.10")	353mm(13.90")	360mm(14.17")	410mm(16.14")	448mm(17.64")	480mm(18.90")
	H	230mm(9.06")	280mm(11.02")	290mm(11.42")	330mm(12.99"), 340mm(13.39")	365mm(14.37")	404mm(15.91")
	φC	221mm(8.70")	275mm(10.83")	314mm(12.36"), 317mm(12.48")	352mm(13.86")	415mm(16.34")	475mm(18.70")
	φB	76mm(2.99"), 102mm(4.02")	114mm(4.49")	114mm(4.49"), 127mm(5.00"), 133mm(5.24"), 152mm(5.98")	133mm(5.24"),1 52mm(5.98"),12 7mm(5.00"),128 mm(5.04"),178 mm(7.01")	152mm(5.98"),1 78mm(7.01")	178mm(7.01"),2 03mm(7.99")

《 分解图 / DECOMPOSITION GRAPH



KC SERIES PRE-CLEANER

KC系列预滤器



《 工作原理 / HOW IT WORKS

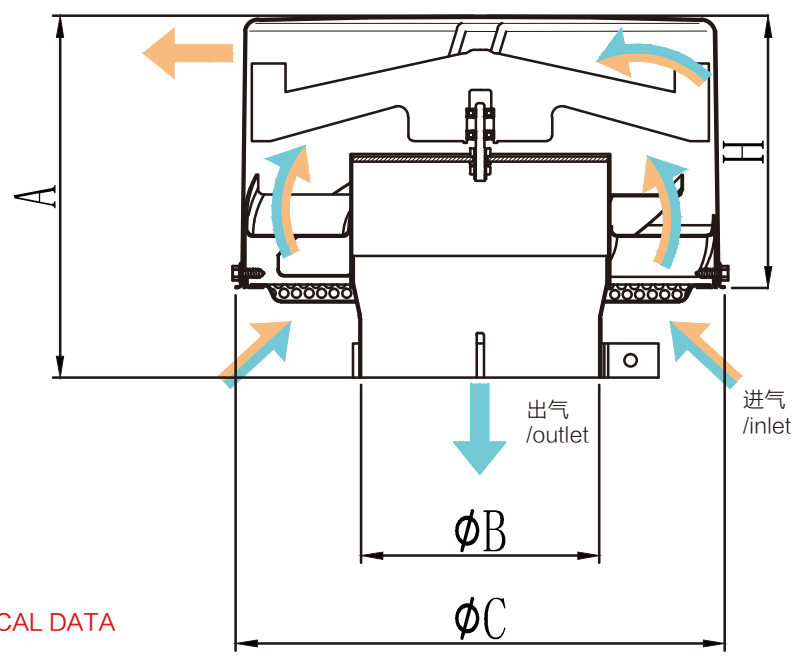
空气通过过滤网进入预滤器去除大的碎片，然后流过静态旋流叶片使空气旋转，产生离心力将气流中的灰尘，污垢，雨雪分离。旋转空气驱动高速叶轮从壳体侧面的特殊排放口排出污染物，只有净化空气流入空气滤清器。

Air enters the precleaner through a pre-screen that removes large debris, then flows through static vanes causing the air to spin to create centrifugal force separates dust, dirt insects, rain and snow from the air stream. Rotating air drives the high speed impeller to discharge contaminants from special discharge ports on the side of the housing, only purified air flows to the air filter.



《 产品优势 / ADVANTAGES IN A GLANCE

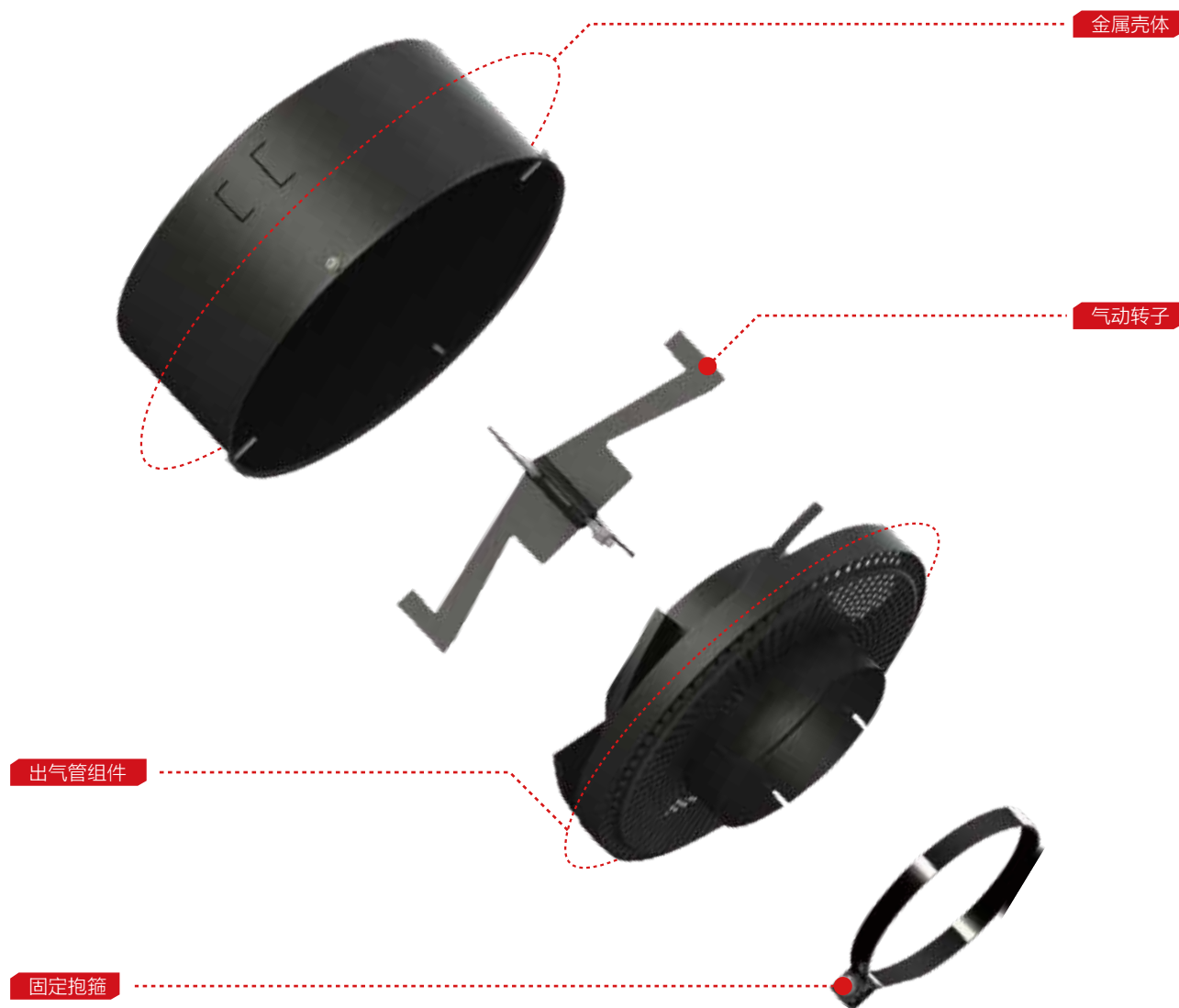
- 能够分离出空气中92%以上的杂质
- 高空气流量-低压力损失
- 提高燃油效率,达到节油效果
- 高度较低，结构紧凑
- 有效延长空气滤清器工作寿命
- 可节省机械设备停机保养维护时间
- 有效的延长发动机和涡轮增压器的寿命
- 自动工作，无需外加驱动力；自动排尘，免维护
- 金属壳体，粉末喷塑表面处理工艺
- Separate more than 92%impurities from intake air
- High air flow - low resistance
- Improve fuel efficiency to achieve fuel economy
- Compact, low-profile design
- Extend air filter life
- Reduce down time
- Prolong engine and turbocharger life
- self-powered and self-cleaning, maintenance-free
- Metal shell, powder spray surface treatment process



《 技术参数 / TECHNICAL DATA

型号 model		KC21	KC31	KC41	KC81	KC91	KC111	KC211	KC411
空气流量范围 airflow range		1.0a1.5 m³/min	1.5a3.5 m³/min	3.5a7.0 m³/min	7.0a11.0 m³/min	11.0a15.0 m³/min	15.0a22.0.0 m³/min	22.0a30.0 m³/min	30.0a40.0 m³/min
功率范围 power range		15-30Hp (11-22kw)	30-60Hp (22-45kw)	60-120Hp (45-90kw)	120-160Hp (90-120kw)	160-220Hp (120-165kw)	220-300Hp (165-225kw)	300-400Hp (225-300kw)	400-550Hp (300-410kw)
重量 weight		0.60kg	1.10kg	1.60kg	2.00kg	2.50kg	3.00kg	4.00kg	5.60kg
尺寸 / dimensions	A	102mm (4.00")	170mm (6.69")	153mm (6.02")	172mm (6.77")	202mm (7.95"), 212mm (8.35")	200mm (7.87"), 192mm (7.56")	200mm (7.87")	248mm (9.76"), 255mm (10")
	H	70mm (2.76")	118mm (4.65")	108mm (4.25")	129mm (5.08")	152mm (5.98")	154mm (6.06")	155mm (6.10")	185mm (7.28")
	ΦC	133mm (5.24")	178mm (7.00")	199mm (7.83")	244mm (9.61")	280mm (11.02")	309mm (12.17")	359mm (14.13")	422mm (16.61")
	ΦB	51mm (4.84")	76mm (2.99")	82mm (3.23"), 102mm (4.02")	82mm (3.23"), 102mm (4.02"), 114mm (4.49"), 133mm (5.24")	114mm (4.49"), 133mm (5.24"), 127mm (5.00")	133mm (5.24"), 178mm (7.01"), 152mm (5.98")	152mm (5.98"), 178mm (7.01"), 203mm (7.99")	178mm (7.01"), 203mm (7.99")

《 分解图 / DECOMPOSITION GRAPH



DC SERIES PRE-CLEANER

DC系列预滤器



《 工作原理 / HOW IT WORKS

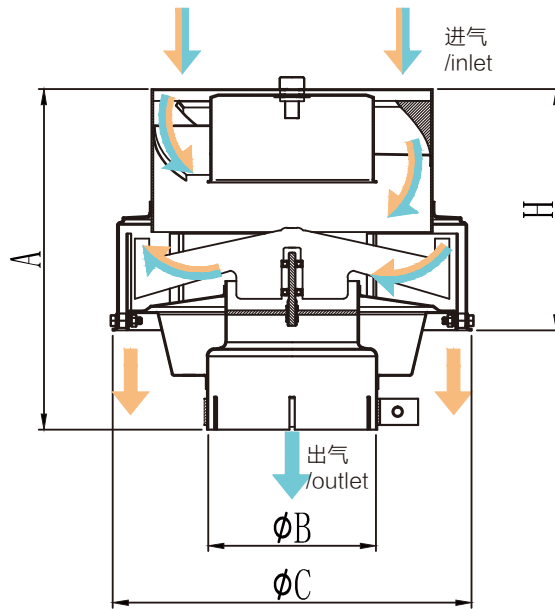
空气首先通过过滤网罩去除大的碎片.进入旋风装置后,气流高速旋转产生的离心力将浮尘,泥土,昆虫,雨水,雪花等分离出来;所有分离出来的杂物在高速旋转的叶轮的驱动下从底部或侧面的特殊通道排出.只有净化的空气进入下一级过滤器.旋转叶轮由涡旋气体驱动,不需要额外的动力。DC系列预滤器可以任意方向安装,如果应用是外部的,必须进行水平安装以避免雨水侵入。

The air is first filtered through a pre-screen to remove large debris, then air flows through static vanes causing the air to spin. As the air spins, centrifugal force separates dust, dirt insects, rain and snow from the air. All the separated debris is driven by the high-speed rotating rotor to discharge from the bottom or side of the special channel. The rotor is driven by swirling air, no additional power is required. This type of pre-filter can be installed in any direction. If the application is exterior there must be horizontal mounting to avoid rain intrusion.



《 产品优势 / ADVANTAGES IN A GLANCE

- 能够分离出空气中至少95%的杂质
- 高空气流量-低压力损失
- 提高燃油效率,达到节油效果
- 最大可以延长空气滤清器10倍工作寿命
- 可节省机械设备近50%停机保养维护时间
- 可任意方向安装
- 自动工作,无需外加驱动力;自动排尘,免维护
- 金属壳体,粉末喷塑表面处理工艺
- Separate up to 95% impurities from intake air
- High air flow - low resistance
- Improve fuel efficiency to achieve fuel economy
- Extend air filter life up to 10 times
- Reduce down time by up to 50%
- Can be installed in any direction
- self-powered and self-cleaning, maintenance-free
- Metal shell, powder spray surface treatment process



《 技术参数 / TECHNICAL DATA

型号 model		DC11	DC18	DC24	DC32	DC45
空气流量范围 airflow range		7.0a11.0 m³/min	11.0a18.0 m³/min	15.0a24.0 m³/min	22.0a32.0 m³/min	30.0a45.0 m³/min
功率范围 power range		120-160Hp (90-120kw)	160-280Hp (120-210kw)	220-340Hp (166-253kw)	300-420Hp (225-315kw)	400-580Hp (298-432kw)
重量 weight		2.14kg	3.05kg	4.00kg	5.20kg	7.30kg
尺寸 / dimensions	A	240mm(9.45")	258mm(10.16")	315mm(12.40")	345mm(13.58")	358mm(14.09")
	H	167mm(6.57")	186mm(7.64")	237mm(9.33")	259mm(10.20")	275mm(10.83")
	ΦC	181mm(7.13")	280mm(11.02")	255mm(10.04")	310mm(12.20")	375mm(14.76")
	ΦB	243mm(9.57")	127mm(5.00")	311mm(12.24")	370mm(14.57")	437mm(17.20")

《 分解图 / DECOMPOSITION GRAPH



BCP SERIES PRE-CLEANER

BCP系列预滤器



《 工作原理 / HOW IT WORKS

新型BCP系列预滤器于2019年4月正式在国内发布。此系列产品改变了以往空气预滤器纯金属的结构模式；通过有限元法设计，并采用玻璃纤维增强尼龙壳体，使得产品整体更轻便，便于安装和维护。此类型产品是采用新科技和新材料，基于KC系列产品技术平台，实现产品轻量化和亲环境化的全新一代产品。

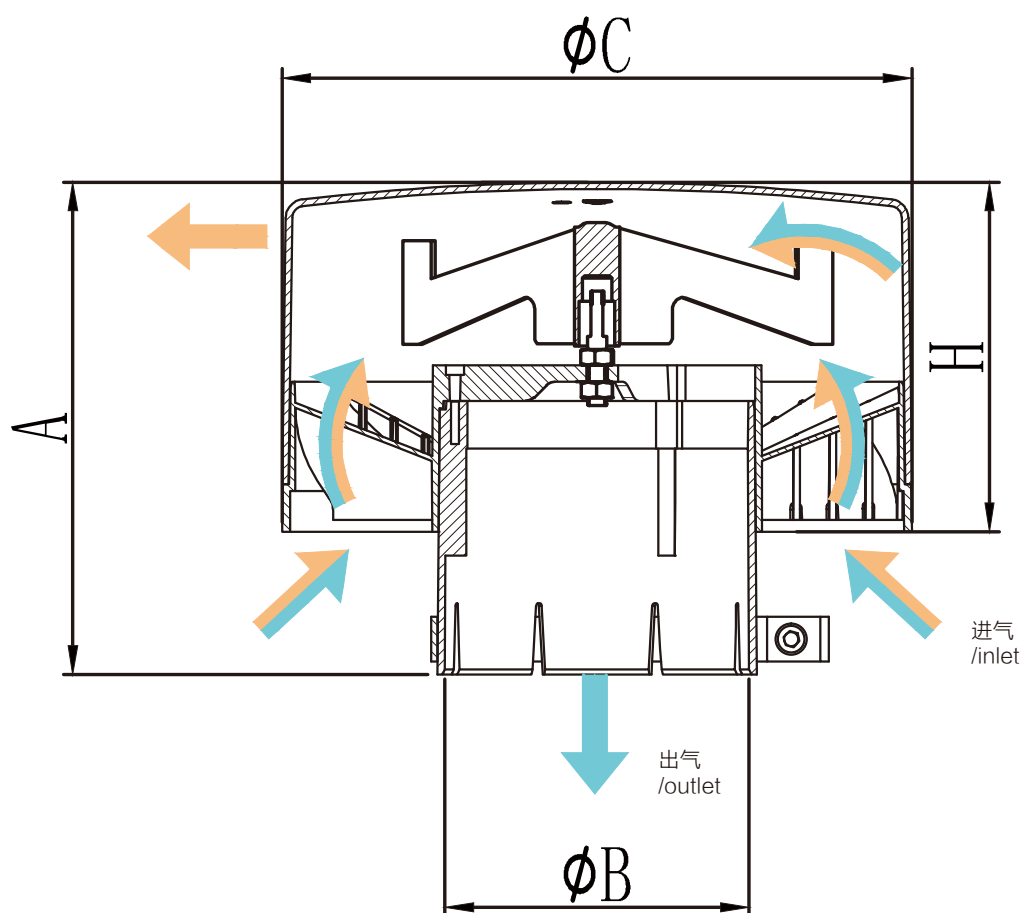
The new BCP series pre-cleaner were officially released in China in April 2019. This series of products has changed the previous air pre-filter pure metal structure mode, the use of engineering plastic shell, making the overall product lighter, and very easy to install/maintain. This type of product is a new generation of products that use new technologies and new materials which are based on the KC series product technology platform to achieve lightweight and environmentally friendly.



BCP08
BCP12 (COMING SOON)
BCP18
BCP24 (COMING SOON)

《 产品优势 / ADVANTAGES IN A GLANCE

- 能够分离出空气中至少92%的杂质
- 高空气流量-低压力损失
- 提高燃油效率,达到节油效果
- 采用模块式结构,灵活性大
- 结构紧凑,空间需求少
- 有效延长空气滤清器工作寿命
- 可节省机械设备停机保养维护时间
- 自动工作,无需外加驱动力;自动排尘,免维护
- 使用玻璃纤维增强尼龙,不仅耐腐蚀而且坚固
- Separate up to 92%impurities from intake air
- High air flow - low resistance
- Improve fuel efficiency to achieve fuel economy
- Modular structure, great flexibility
- Compact structure and less space requirements
- Extend air filter life
- Reduce down time
- self-powered and self-cleaning, maintenance-free
- Use glass fiber reinforced nylon, corrosion resistant and strong



《 技术参数 / TECHNICAL PARAMETER

型号 model	空气流量范围 airflow range	功率范围 power range	重量 weight	尺寸 dimensions			
				A	H	ΦC	ΦB
BCP08	3.0a8.0 m³/min	24–100HP (19–75KW)	0.70kg	154mm (6.06")	110mm (4.33")	191mm (7.51")	76mm (2.99")
BCP12	coming soon						
BCP18	11.0a18.0 m³/min	160–280HP (120–210KW)	1.650kg	207mm (8.15")	147mm (5.79")	262mm (10.31")	127mm (5.00")
BCP24	coming soon						

《 分解图 / DECOMPOSITION GRAPH



PP SERIES PRE-CLEANERS

PP系列预滤器

FILTRUISON | OCUATRO

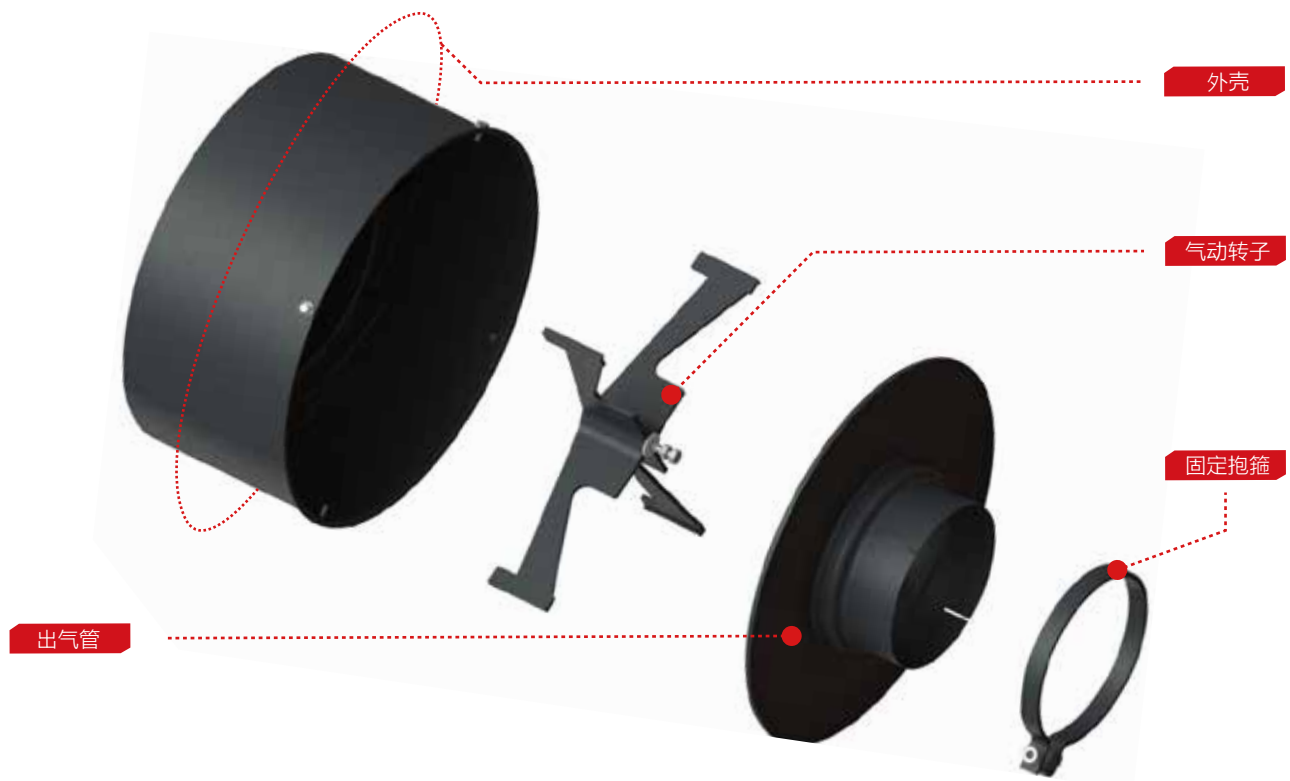
《 工作原理 / HOW IT WORKS

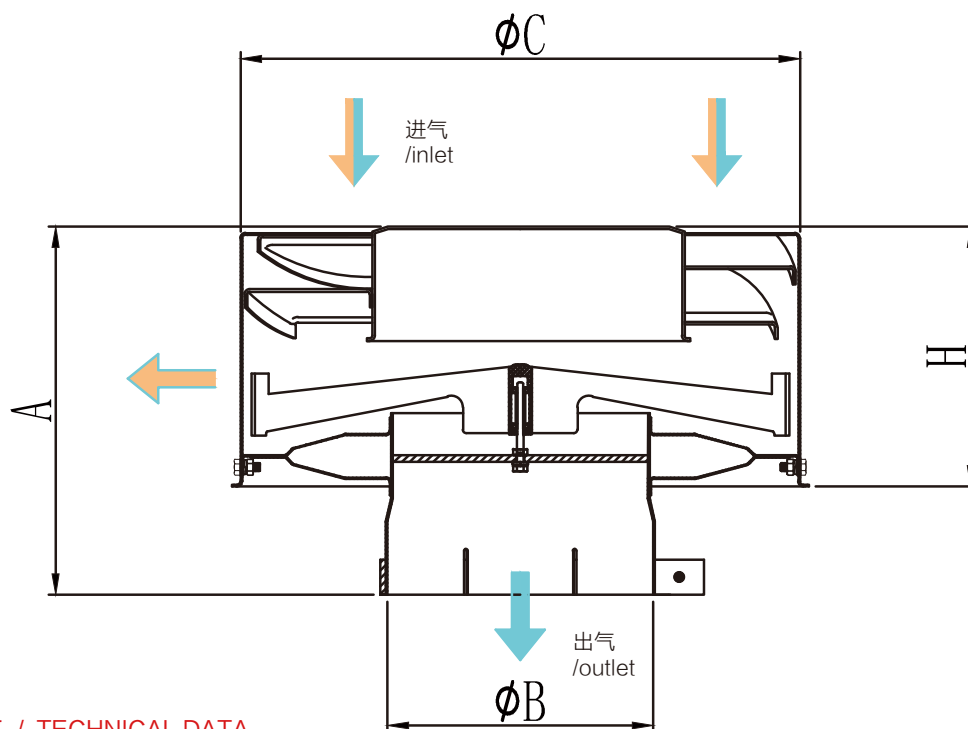
PP系列引擎盖下的空气预滤器可以远程安装或直接安装在空气滤清器上，设备外部无需预留进气口；结构紧凑，体积小，安装方式灵活多变，可过滤空气中高达95%的灰尘颗粒。工作时无需外加动力，自动排尘，无需人工维护。

The under hood air pre-cleaner can be remote mounted or attached directly to the air cleaner, eliminating the need for an external air intake; The PP series pre-cleaner are compact, small and flexible in installation, removing up to 95% of impurities from intake air. The pre-cleaners are self-powered and self-cleaning, maintenance free.



《 分解图 / DECOMPOSITION GRAPH





《 技术参数 / TECHNICAL DATA

型号 model		PP006	PP007	PP021	PP041	PP061	PP091	PP131
空气流量范围 airflow range		1.5a4.0 m ³ /min	4.0a5.0 m ³ /min	5.0a8.0 m ³ /min	8.0a12.0 m ³ /min	12.0a18.0 m ³ /min	18.0a21.0 m ³ /min	21.0a28.0 m ³ /min
功率范围 power range		30a60HP (22a45KW)	60a70HP (45a52kw)	70a100HP (52a75kw)	100a140HP (75a104kw)	140a200HP (104a150kw)	200a300HP (149a224kw)	300a350HP (224a261kw)
重量 weight		0.80kg	1.30kg	1.60kg	1.95kg	2.25kg	3.00kg	3.30kg
尺寸 / dimensions	A	116mm (4.57")	172mm (6.77")	148mm (5.83")	190mm (7.48")	196mm (7.72")	214mm (8.43")	256mm (10.08")
	H	85mm (3.35")	106mm (4.17")	100mm (3.94")	136mm (5.35")	118mm (4.65")	140mm (5.51")	156mm (6.14")
	φC	142mm (5.59")	174mm (6.85")	200mm (7.87")	220mm (8.66")	238mm (9.37")	280mm (11.02")	331mm (13.03")
	φB	63mm 2.5"(D.I.)	76mm 3"(D.I.)	102;82mm4; 3.25"(D.I.)	102mm 4"(D.I.)	133;102mm5. 25;4"(D.I.)	133;114mm 5.25;4.5"(D.I.)	152;133mm6;5 .25"(D.I.)

OIL-BATH AIR FILTER

油浴式空滤器



《 工作原理 / HOW IT WORKS

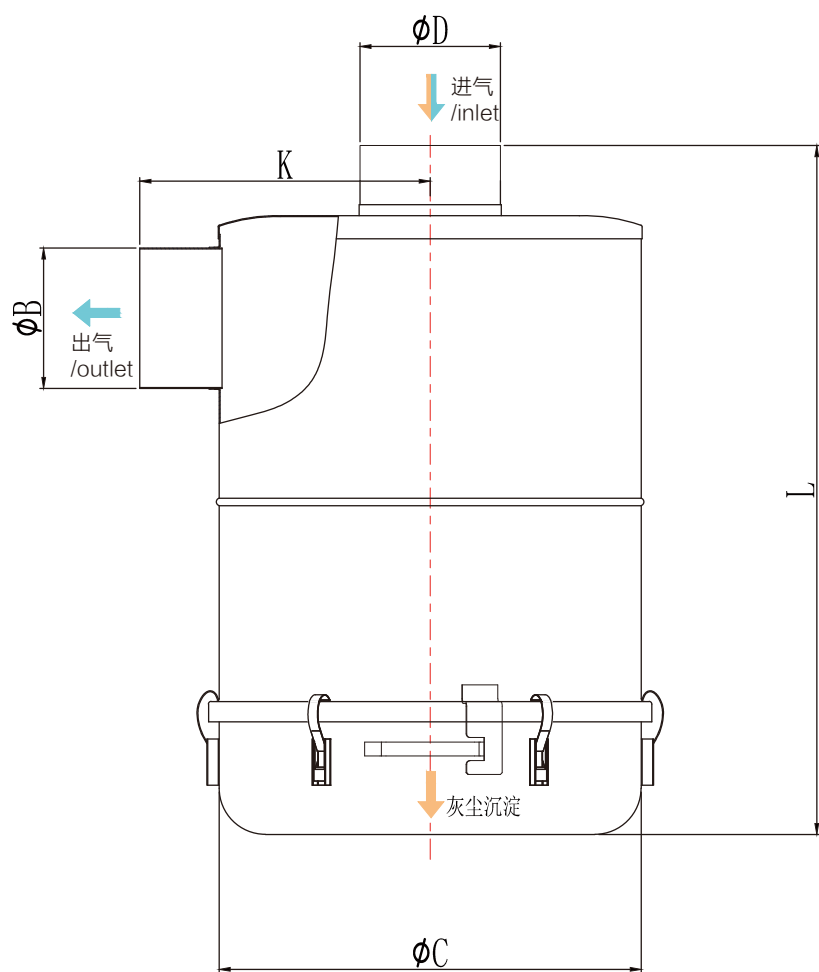
空气进入油浴式空气滤清器，空气中大颗粒灰尘被分离出沉入油盆；然后气流折返上升。向上的气流流过油浴式空气滤清器中被润滑油润湿的滤芯时，气体中的污垢被吸附在滤芯中。随着这种饱含污垢的润滑油滴回到油盆中，过滤出的污垢沉积并储藏在那里。

Intake air is routed through the oil bath. There the coarse dust particles are removed from the air and then redirected upward. The upward stream wets the filter's packing with oil from the oil bath and the dirt in the intake air is deposited there. This oil flows back into the bath and the dirt is contained there.



《 产品优势 / ADVANTAGES IN A GLANCE

- 能够分离出空气中99%以上的杂质
- 提高燃油效率,达到节油效果
- 仅需更换润滑油,使用成本低
- 容灰量较大,适用于灰尘浓度较大的应用场所
- 做预滤器时有效延长空气滤清器工作寿命
- 可节省机械设备停机保养维护时间
- 保养维护无需备件
- Separate more than 99%impurities from intake air
- Improve fuel efficiency to achieve fuel economy
- Only need to replace the oil, save costs
- Supper dust capacity, suitable for dust working conditions
- Extend air filter life that used as a pre-cleaner
- Reduce down time
- Service without spare parts



<< 技术参数 / TECHNICAL DATA

型号 model	空气流量范围 airflow range	功率范围 power range	重量 weight	L	ΦC	ΦB	ΦD
OF21	15-21m³/min (531-743CFM)	180a280HP (134-209kw)	12.24KG	516mm (20.31")	388mm (15.28")	133mm (5.24")	152mm (5.98")
OF28	21-28m³/min (741-988CFM)	280-320HP (209-239kw)	15.31KG	586mm (23.07")		152mm (5.98")	
OF35	28-35m³/min (988-1235CFM)	320-380HP (239-283kw)	18.26KG	746mm (29.37")			
OF40	35-43m³/min	380-450HP (283-335kw)	21.08KG	781mm (30.75")			

《 分解图 / DECOMPOSITION GRAPH



KL SERIES AIR FILTER

KL系列空滤总成

FILRUISON | OCUATRO

《 工作原理 / HOW IT WORKS

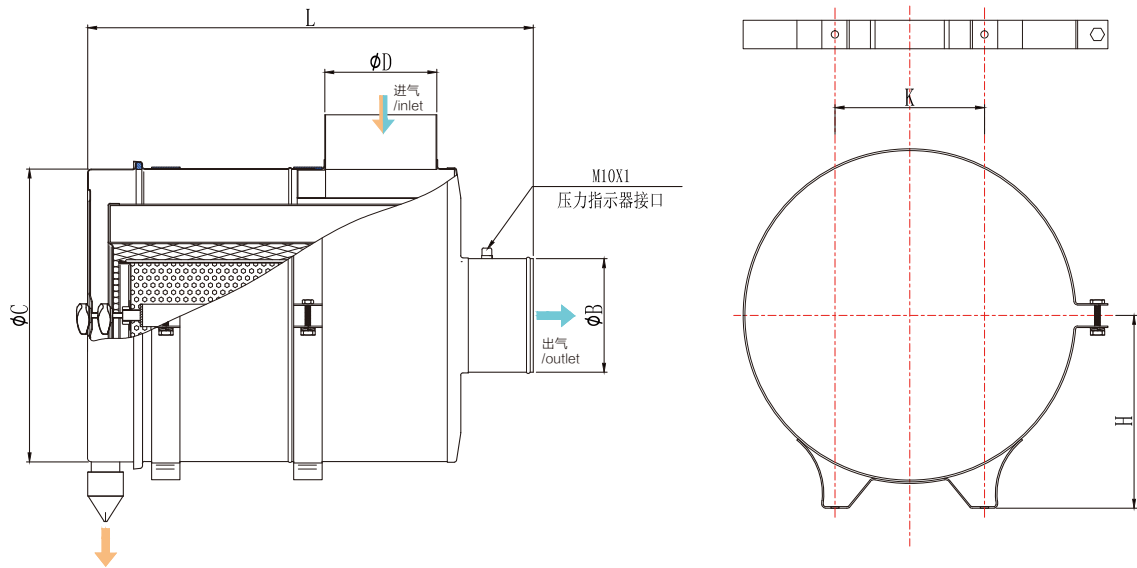
空气进入空滤壳体后快速旋转，产生的离心力将最重的杂质从空气流中分离出来。这些污染物通过滤清器壳体上的排尘阀排出。只有初步净化的空气流入空气滤清器滤芯（主滤芯和安全滤芯）。空气滤清器滤芯将滤除空气中剩余99.99%的污染物，然后清洁的空气流入发动机或空气压缩机。

Air flows in housing to spin. Centrifugal force separates the heaviest impurities from the air stream. These contaminants are discharged through an integral evacuator valve. Only purified air flows to the air filter elements (primary and safety stages of filtration). These elements retain the 99.99% of the contaminants which were not eliminated in the first stage. Then clean air flows to the engine or air compressor.



《 产品优势 / ADVANTAGES IN A GLANCE

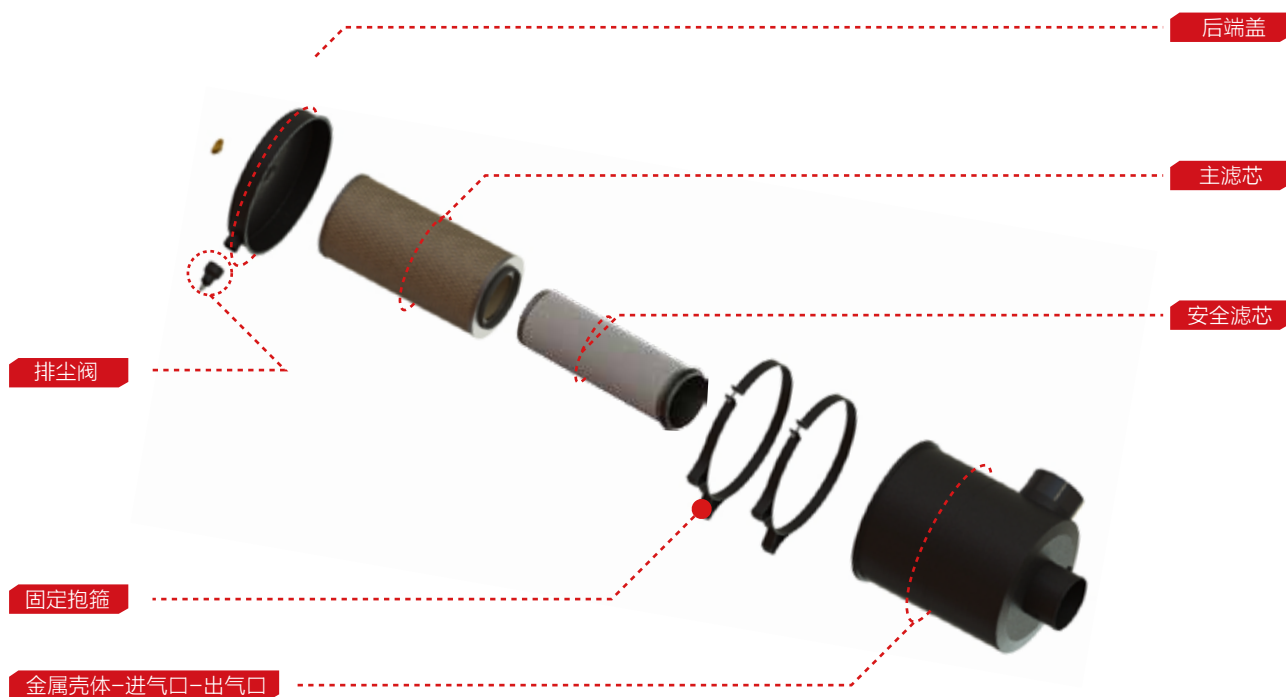
- 空气流量范围广，从1.5m³/min到60m³/min全覆盖
- 过滤效率至少达到99.99%
- 高强度金属壳体，粉末喷塑表面处理工艺
- 结构紧凑，安装简单
- 可水平或垂直安装
- 所有规格配装安全滤芯
- 压力报警器接口为标准配置
- 国际标准滤芯，维护方便，简单
- 高空气流量，低压力损失
- Wide air flow range, from 1.5m³/min to 60m³/min
- Filtration efficiency at least 99.99%
- Metal housing, black powder coat
- Compact structure and easy installation
- Horizontally or vertically mounting
- Safety element is standard
- Restriction indicator port is standard
- Standard elements replacement, easy maintain
- High air flow-low resistance



《 技术参数 / TECHNICAL DATA

型号 model		KL4	KL6	KL8	KL12	KL15	KL18	KL21	KL28	KL35	KL43
空气流量范围 airflow range		1.5a4.5 m³/min	4.5a6.0 m³/min	6.0a8.0 m³/min	8.0a12.0 m³/min	12.0a15.0 m³/min	15.0a18.0 m³/min	20.0a21.0 m³/min	21.0a28.0 m³/min	28.0a35.0 m³/min	35.0a43.0 m³/min
功率范围 power range		30a80HP (22a60KW)	80a90HP (60a67KW)	90a120HP (67a90KW)	120a180HP (90a120KW)	160a180HP (120a134KW)	180a210HP (134a157KW)	240a280HP (179a209KW)	280a320HP (209a239KW)	320a380HP (239a380KW)	380a450HP (283a335KW)
重量 weight		3.8kg (8.40lbs)	4.90kg (10.79lbs)	5.30kg (11.70lbs)	7.50kg (16.50lbs)	9.95kg (21.92lbs)	12.50kg (27.55lbs)	15.40kg (33.90lbs)	18.15kg (40.00lbs)	21.00kg (46.25lbs)	35.70kg (76.65lbs)
尺寸 / dimensions	L	392mm (15.43")	430mm (16.93")	445mm (17.52")	478mm (18.82")	490mm (19.29")	548mm (21.57")	608mm (23.94")	608mm (23.94")	591mm (23.27")	727mm (28.62")
	K	202mm (7.95")	207mm (8.15")	206mm (8.11")	120mm (4.72")	140mm (5.51")	140mm (5.51")	140mm (5.51")	200mm (7.87")	200mm (7.87")	180mm (7.09")
	H	101mm (3.98")	113mm (4.45")	130mm (5.12")	146mm (5.75")	151mm (5.94")	161mm (6.34")	173mm (6.81")	230mm (9.06")	258mm (10.16")	272mm (10.71")
	ΦC	167mm (6.57")	198mm (7.80")	216mm (8.50")	253mm (9.96")	267mm (10.51")	290mm (11.42")	316mm (12.44")	390mm (15.43")	442mm (17.40")	460mm (18.11")
	ΦB	63mm (2.5")	70mm (2.75")	76mm (3")	102mm (4")	102mm (4")	102mm (4")	130mm (5.12")	152mm (6")	152mm (6")	152mm (6")
	ΦD	63mm (2.5")	76mm (3")	76mm (3")	102mm (4")	102mm (4")	114mm (4.5")	133mm (5.25")	152mm (6")	152mm (6")	152mm (6")
滤芯 / element	主滤芯 Main	EP070	EP080	EP120	EP180	EP220	EP240	EP260	EP310/P	EP350	EP430
	安全芯 Safety	ES070	ES080	ES120	ES180	ES220	ES240	ES260	ES310/P	ES350	ES430

《 分解图 / DECOMPOSITION GRAPH



《 滤芯介绍 / FILTER ELEMENT

- ◎ 特殊FILRUISON过滤滤纸，带有连续内部结构变化的超级滤材，高容灰量，高过滤效率
- ◎ 褶皱成型稳定，防止褶皱在恶劣条件下变形或粘结
- ◎ 轴向拉杆和紧固螺母的固定方式确保密封可靠
- ◎ 长寿命，低压降，坚固耐用

- ◎ Special FILRUISON filter medium with continuous internal mechanism change, super dust capacity and perfect filtration efficiency
- ◎ Stable pleat forming to prevent wrinkles from deforming or bonding under harsh conditions
- ◎ Fixed way of axial tie rod and fastening nut to ensure reliable sealing
- ◎ Long life, low pressure drop, durability



RAF SERIES AIR FILTER

RAF系列空滤总成

FILTRUISON

《 工作原理 / HOW IT WORKS

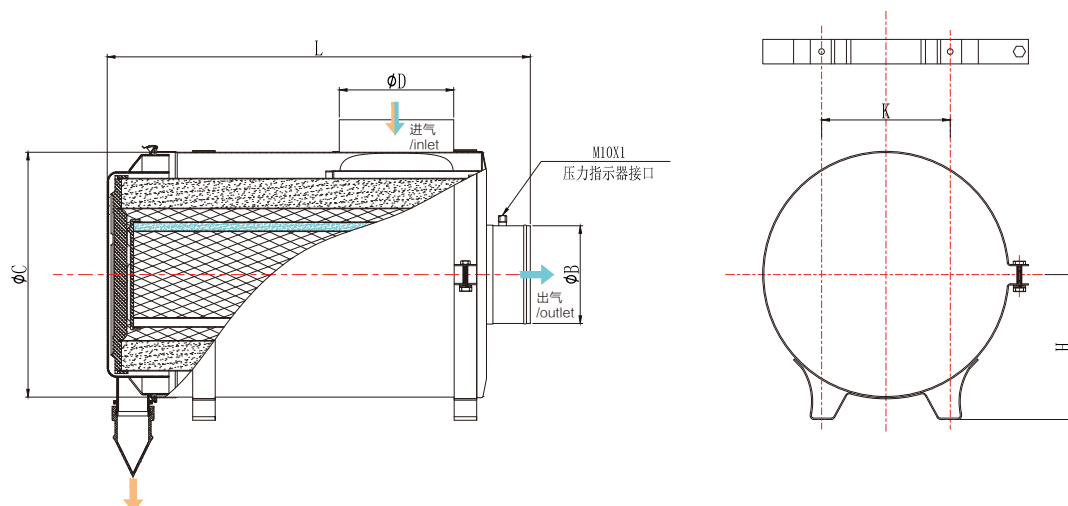
空气进入空滤壳体后高速旋转，产生的离心力将最重的杂质从空气流中分离出来。这些污染物通过滤清器壳体上的排尘阀排出。只有初步净化的空气流入空气滤清器滤芯（主滤芯和安全滤芯）。空气滤清器滤芯将滤除空气中剩余99.99%的污染物，然后清洁的空气流入发动机或空气压缩机。

Air flows in housing to spin. Centrifugal force separates the heaviest impurities from the air stream. These contaminants are discharged through an integral evacuator valve. Only purified air flows to the air filter elements (primary and safety stages of filtration). These elements retain the 99.99% of the contaminants which were not eliminated in the first stage. Then clean air flows to the engine or air compressor.



《 产品优势 / ADVANTAGES IN A GLANCE

- 空气流量范围广，从1.5m³/min到60m³/min全覆盖
- 过滤效率至少达到99.99%
- 高强度金属筒身，防撞塑料尾端盖，重量轻
- 滤芯径向密封，工作稳定可靠
- 滤芯拆装方便，不需要工具
- 压力报警器接口为标准配置
- 适合安装空气预滤器
- 长寿命，低压降，坚固耐用，耐低温
- Wide air flow range, from 1.5m³/min to 60m³/min
- Filtration efficiency at least 99.99%
- Metal shell, anti-collision plastic end cover, less weight
- Radial sealed Elements, stable and reliable
- Radial seal elements easily on and off the outlet tube, no tools required
- Restriction indicator port is standard
- Suitable for installing air
- Long life, low pressure drop, durability, low temperature resistance



《 技术参数 / TECHNICAL DATA

型号 model		RAF08	RAF12	RAF15	RAF18	RAF22	RAF30	RAF38	RAF45
空气流量范围 airflow range		4.5a8.0 m³/min	8.0a12.0 m³/min	12.0a15.0 m³/min	15.0a18.0 m³/min	18.0a22.0 m³/min	22.0a30.0 m³/min	30.0a40.0 m³/min	40.0a48.0 m³/min
功率范围 power range		80a120HP (60a90kw)	120a160Hp (90a120kw)	160a180HP (120a134KW)	180a210HP (134a157KW)	210a290HP (157a216KW)	290a340HP (216a254KW)	340a420HP (254a313KW)	420a510HP (313a380KW)
重量 weight		2kg (6.93lbs)	7kg (6.93lbs)	9.5kg (6.93lbs)	12kg (6.93lbs)	15kg (6.93lbs)	19kg (6.93lbs)	3.15kg (6.93lbs)	3.15kg (6.93lbs)
尺寸 / dimensions	L	367mm (14.45")	420mm (16.54")	447mm (17.6")	557mm (21.93")	503mm (19.8")	593mm (23.35")	600mm (23.62")	658mm (25.91")
	K	90mm (3.54")	140mm (5.51")	140mm (5.51")	144mm (5.67")	200mm (7.87")	200mm (7.87")	200mm (7.87")	200mm (7.87")
	H	30mm (1.18")	160mm (6.3")	160mm (6.3")	160mm (6.3")	205mm (8.07")	205mm (8.07")	226.5mm (8.92")	226.5mm (8.92")
	ΦC	173mm (6.81")	280mm (11.02")	280mm (11.02")	280mm (11.02")	330mm (12.99")	330mm (12.99")	381mm (15")	381mm (15")
	ΦB	62mm (2.44")	114mm (4.49")	114mm (4.49")	114mm (4.49")	127mm (5")	127mm (5")	152mm (5.98")	152mm (5.98")
	ΦD	64mm (2.52")	127mm (5")	127mm (5")	127mm (5")	152mm (5.98")	152mm (5.98")	178mm (7")	178mm (7")
滤芯 / element	主滤芯 Main	ME120	ME180	ME220	ME240	ME280	ME320	ME380	ME450
	安全芯 Safety	SE120	SE180	SE220	SE240	SE280	SE320	SE380	SE450

《 分解图 / DECOMPOSITION GRAPH



《 滤芯介绍 / FILTER ELEMENT

- ◎ 特殊FILRUISON过滤滤纸，带有连续内部结构变化的超级滤材，高容灰量，高过滤效率
- ◎ 褶皱成型稳定，防止褶皱在恶劣条件下变形或粘结
- ◎ 顶部聚氨酯密封环面与壳体贴合，密封可靠
- ◎ 长寿命，低压降，坚固耐用
- ◎ Special FILRUISON filter medium with continuous internal mechanism change, super dust capacity and perfect filtration efficiency
- ◎ Stable pleat forming to prevent wrinkles from deforming or bonding under harsh conditions
- ◎ The top polyurethane sealing ring fits to the housing for reliable sealing
- ◎ Long life, low pressure drop, durability



CL SERIES AIR FILTER

CL系列旋流空滤

FILRUISON

《 工作原理 / HOW IT WORKS

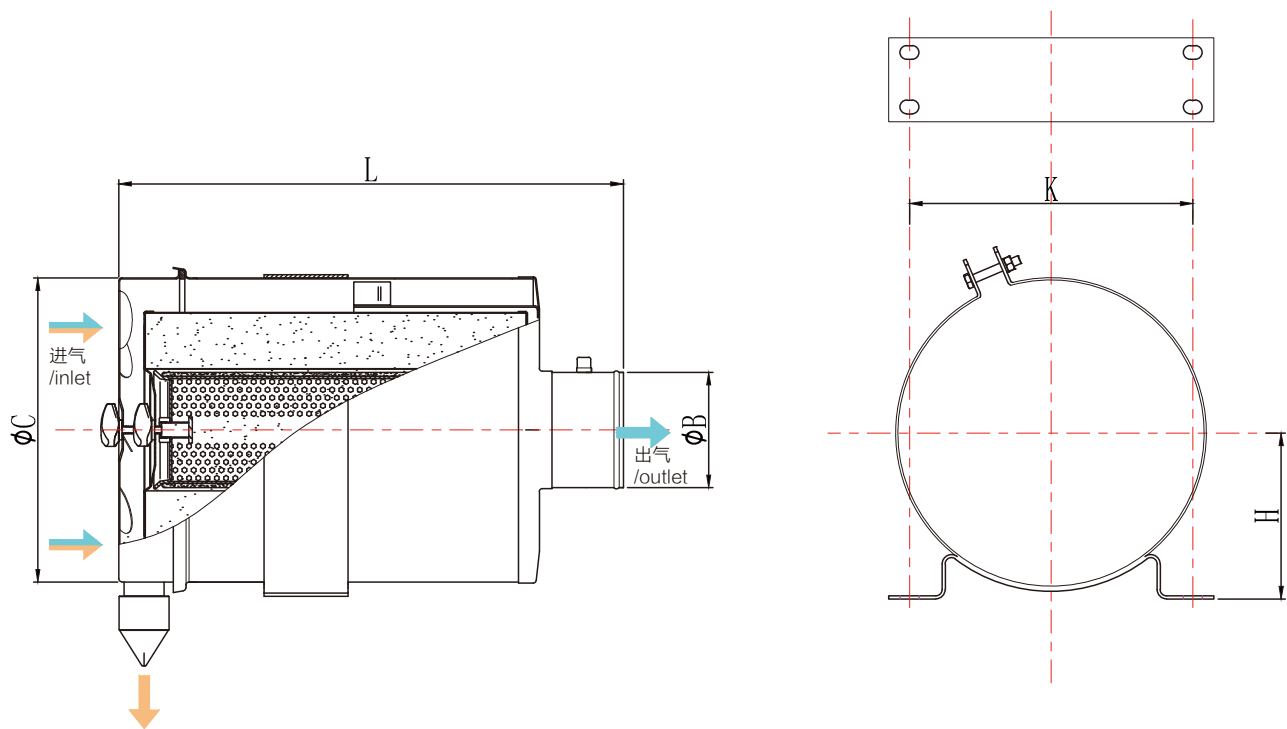
CL系列空气滤清器改变了传统滤清器径向进气方式，空气通过尾端盖的进气孔进入空滤壳体，实现直流进气的工作方式。空气进入空滤尾端盖进气口后，利用静态旋流片的作用高速旋转，产生的离心力将最重的杂质从气流中分离出来。这些污染物通过滤清器壳体上的排尘阀排出。只有初步净化的空气流入空气滤清器滤芯（主滤芯和安全滤芯）。空气滤清器滤芯将滤除空气中剩余99.99%的污染物，然后清洁的空气流入发动机或空气压缩机。

The CL series air filter changes the radial air intake of the traditional product and the air enters the air filter housing through the intake hole of the end cover to realize the direct air intake. After the air enters the air filter, it is rotated at a high speed by the action of the static swirling vane on the end cover, and the centrifugal force generated separates the heaviest impurities from the air stream. These contaminants are discharged through an integral evacuator valve. Only purified air flows to the air filter elements (primary and safety stages of filtration). These elements retain the 99.99% of the contaminants which were not eliminated in the first stage. Then clean air flows to the engine or air compressor.



《 产品优势 / ADVANTAGES IN A GLANCE

- 结构紧凑, 空间需求少
- 直流进气方式可实现诸多的安装可能性
- 高强度金属壳体, 粉末喷塑烤漆工艺
- 所有规格配装安全滤芯
- 压力报警器接口为标准配置
- 国际标准滤芯, 维护方便, 简单
- 高空气流量, 低压力损失
- 过滤效率至少达到99.99%
- Compact structure and less space requirements
- Direct air inlet mode can achieve many installation possibilities
- Metal housing , black powder coat
- Safety element is standard
- Restriction indicator port is standard
- Standard elements replacement, easy maintain
- High air flow-low resistance
- Filtration efficiency at least 99.99%



《 技术参数 / TECHNICAL DATA

型号 model	空气流量范围 airflow range	功率范围 power range	重量 weight	尺寸/dimensions					滤芯/element	
				L	K	H	ϕC	ϕB	主滤芯 Main	安全芯 Safety
CL15	12.0a18.0 m³/min	160-210HP (120-160KW)	12.50kg	480mm (18.90")	270mm (10.63")	159mm (6.26")	290mm (11.42")	110mm (4.33")	EP220	ES220
CL21	20.0a21.0 m³/min	240a280HP (179a209KW)	15.40kg (33.90lbs)	608mm (23.94")	140mm (5.51")	173mm (6.81")	316mm (12.44")	130mm (5.12")	EP260	ES260
CL28	21.0a28.0 m³/min	280a320HP (209a239KW)	18.15kg (40.00lbs)	608mm (23.94")	200mm (7.87")	230mm (9.06")	390mm (15.43")	152mm (6")	EP310	ES310

《 分解图 / DECOMPOSITION GRAPH



C SERIES AIR FILTER

C系列空滤

FILTRUISON | OCUATRO

《 工作原理 / HOW IT WORKS

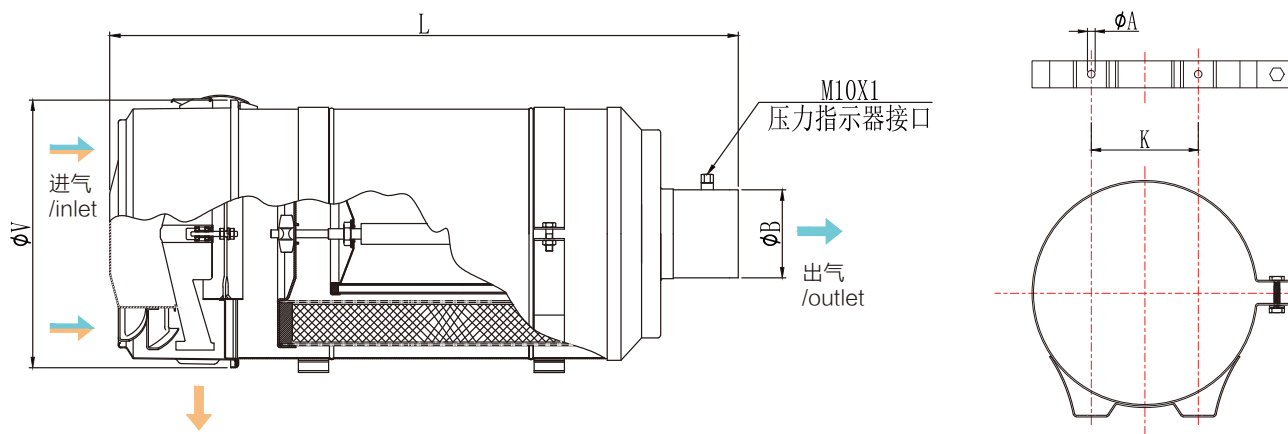
C系列空气滤清器改变了传统滤清器径向进气方式，空气通过尾部预滤器进入空滤壳体，实现直流进气的工作方式。空气进入空滤尾端预滤器后，利用预滤器高效的分离功能将杂质从气流中分离出来。这些污染物通过预滤器自动排出。经过初步净化的空气流入空气滤清器滤芯（主滤芯和安全滤芯）。空气滤清器滤芯将滤除空气中剩余99.99%的污染物，然后清洁的空气流入发动机或空气压缩机。

C series air filter is a combination of traditional air filter and pre-cleaner and changes the radial air intake of the traditional product. The air enters the air filter housing through the end pre-cleaner to achieve the direct air intake mode. The pre-cleaner is used to separate the impurities from the air stream. These contaminants are automatically discharged by the pre-cleaner. Only purified air flows to the air filter elements (primary and safety stages of filtration). These elements retain the 99.99% of the contaminants which were not eliminated in the first stage. Then clean air flows to the engine or air compressor.



《 产品优势 / ADVANTAGES IN A GLANCE

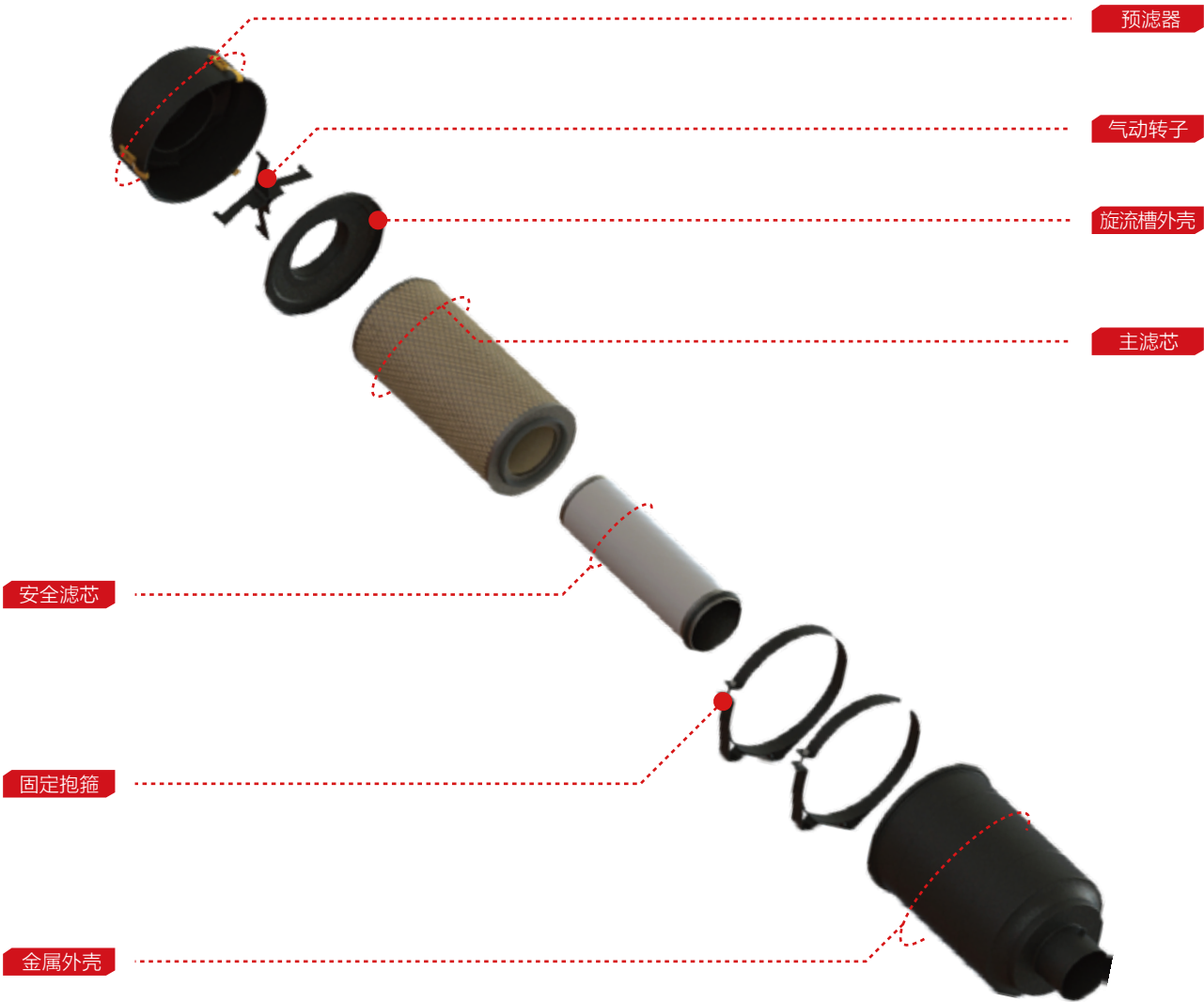
- 结构紧凑, 空间需求少
- 直流进气方式可实现诸多的安装可能性
- 高强度金属壳体, 粉末喷塑烤漆工艺
- 所有规格配装安全滤芯
- 压力报警器接口为标准配置
- 国际标准滤芯, 维护方便, 简单
- 单一空气滤清器实现三级空气过滤功能
- 设备空滤滤芯工作寿命长, 有效减少停机维护时间
- 过滤效率至少达到99.99%
- Compact structure and less space requirements
- Direct air inlet mode can achieve many installation possibilities
- Metal housing , black powder coat
- Safety element is standard
- Restriction indicator port is standard
- Standard elements replacement, easy maintain
- Three stage filter with only one connection to the engine/compressor
- Extend air filter life, reduce down time
- Filtration efficiency at least 99.99%



《 技术参数 / TECHNICAL DATA

型号 model	空气流量范围 airflow range	功率范围 power range	重量 weight	L	K	ΦA	ΦB	ΦV	滤芯/element	
									主滤芯 Main	安全芯 Safety
C181	8.0a12.0m ³ /min (282a423CFM)	110a150HP (82a112KW)	9.20kg	616mm (24.25")	120mm (4.72")	9mm (0.35")	102mm (4")	254mm (10")	EP180	ES180
C221	12.0a15.0m ³ /min (423a529CFM)	150a180HP (112a135KW)	11.00kg	647mm (25.47")	161mm (6.34")	9mm (0.35")	102mm (4")	288mm (11.34")	EP220	ES220
C241	15a18.0m ³ /min (529a635CFM)	180a215HP (135a160KW)	13.50kg	710mm (27.95")	140mm (5.51")	10mm (0.39")	102mm (4")	310mm (12.20")	EP240	ES240
C251	15.0a20.0m ³ /min (529a706CFM)	180a240HP (134a179KW)	13.60kg	710mm (27.95")	140mm (5.51")	10mm (0.39")	133mm (5.25")	337mm (13.27")	EP250	ES250
C261	20.0a21.0m ³ /min (706a741CFM)	200a260HP (149a194KW)	14.50kg	780mm (30.71")	140mm (5.51")	10mm (0.39")	130mm (5.12")	337mm (13.27")	EP260	ES260
C311	21.0a28.0m ³ /min (741a988CFM)	260a320HP (194a239KW)	16.70kg	775mm (30.51")	200mm (7.87")	12mm (0.47")	152mm (6")	354mm (13.94")	EP 310/P	ES 310/P
C351	28.0a35.0 ³ /min (988a1235CFM)	320a380HP (239a283KW)	21.00kg	775mm (30.51")	200mm (7.87")	10mm (0.39")	152mm (6")	420mm (16.53")	EP350	ES350
C431	35.0a43.0m ³ /min (1235a1517CFM)	380a450HP (283a335KW)	29.00kg	946mm (38.23")	200mm (7.87")	10mm (0.39")	152mm (6")	466mm (18.82")	EP430	ES430

《 分解图 / DECOMPOSITION GRAPH



RAIN CAP

防雨帽

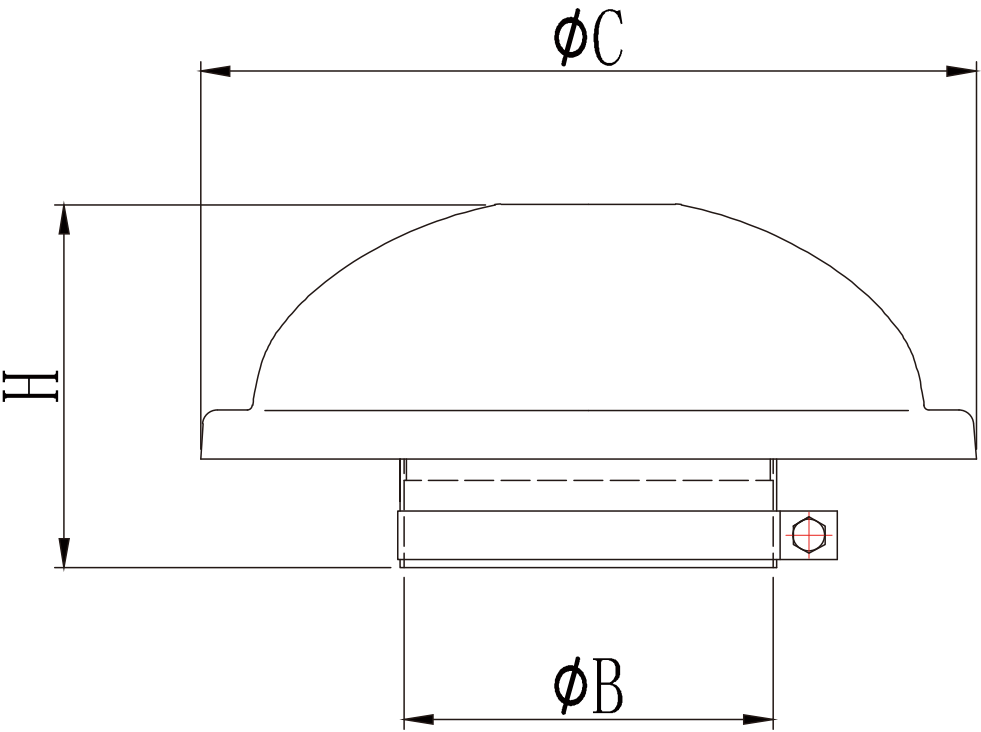


《 工作原理 / HOW IT WORKS

为了防止雨，雪或冲洗的水进入空气滤清器，FILRUISON 推荐在空气滤清器上配装雨帽。同时粗碎屑也被阻挡在滤清器之外，保护主滤芯免受损坏，延长了滤清器使用寿命。雨帽可直接安装在空气滤清器进气口上。

To prevent precipitation from entering into the filter, e.g. through rain, snow and splash water, FILRUISON recommends adding a rain cap to the air filter. As coarse debris is also kept out of the filter, the main element is protected and the servicing interval increased. The rain caps are simply fitted on the air inlet.





《 技术参数 / TECHNICAL DATA

型号 model	H	φC	φB
RC028 (PLA)	63mm (2.48")	150mm (5.91")	63.2mm (2.49")
RCS056 (ME)	60mm (2.36")	172mm (6.77")	76.2mm (3")
RCS080 (ME)	100mm (3.94")	248mm (9.76")	102.2mm (4.02")
RCS100 (ME)	100mm (3.94")	248mm (9.76")	114.2mm (4.5")
RC220 (PLA)	127mm (5")	405mm (15.94")	180.2mm (7.09")
RCS160 (ME)	150mm (5.91")	320mm (12.6")	133.2mm (5.24") , 127.2mm (5")
RCS190 (ME)	150mm (5.91")	320mm (12.6")	152.2mm (5.99")

SERVICE INDICATORS

压差指示器



《 工作原理 / HOW IT WORKS

压差指示器可以直观呈现空气滤清器灰尘聚集情况，无论实在设备停机或空转的情况下。针对不同的使用状况，我们可以提供机械式传感器和电子式两种不同工作方式的传感器。

机械式压差指示器可以直观清晰的显示空气滤清器的即时状况，黄色环会随着滤清器阻力的增大而滑动，当黄色环移动到红色标线时，就有必要对滤清器进行维护。维护工作结束后，按动复位按钮，黄色指示环返回零位。机械式压差指示器对发动机的进气脉冲不敏感。

The mechanical service indicator can visually and clearly display the instantaneous condition of the air filter. The yellow piston will slide with the increase of the air filter resistance. When the yellow piston reaches the red mark, maintenance is necessary. After the maintenance is finished, the indicator is readjusted to "zero" by means of the reset button. The mechanical indicator is insensitive to the intake air pulsations of the engine.

The FILRUISON service indicator allows the user to check the air filter contamination even when the motor is switched off or idle. For different usage conditions, we can provide mechanical indicators and electronic indicators.



机械式压差指示器



电子式压差报警器

电子式压差报警器监测空气滤清器污染程度，在需要维护时，会发出一个电信号。由于是完全绝缘和全封闭的接触插入，开关对灰尘和湿度不敏感。电子式压差报警器最大工作电压24V，最大电流0.25A。

The electrical service switch monitors the degree of contamination of air filters. When maintenance is required, an electrical signal is sent and the signal can be received remotely. The switch is not sensitive to dust and humidity due to the completely insulated and fully enclosed contact insert. The maximum working voltage is 24V and maximum current is 0.25A.

《 FILruison压差指示器

- 允许工作温度：- 30℃至~100℃

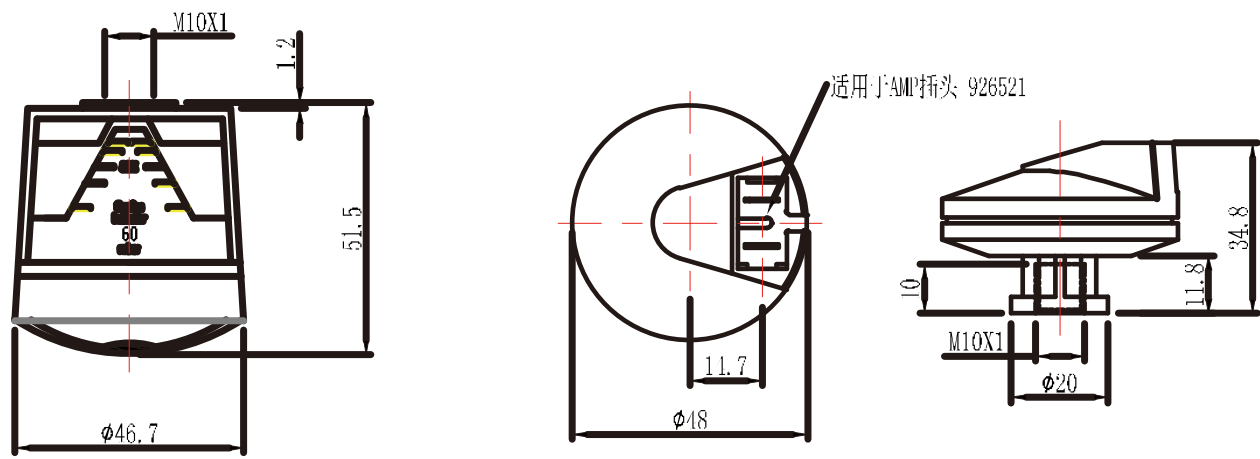
切换压力（负压）：3.5Kpa~8Kpa
- Allows working temperature: - 30 ℃ ~ 100 ℃

Switching pressure (negative pressure) : 3.5kpa ~8Kpa

《 技术参数 / TECHNICAL DATA

型号 model	KSI050	KSI060	KSI050E2	KSI060E2
出发压力 (表压) Kpa	5.0±0.4	6.0±0.4	5.0±0.3	6.0±0.3

《 平面图展示 / FLOOR PLAN DISPLAY



OIL-WATER SEPARATOR

油水分离器

FILRUISON | RAMA

随着最新科技的应用，现代柴油发动机要求燃料质量最高，辛烷值高，以实现更高的功率和更低的油耗。尽管下载柴油燃料已经具有非常好的质量，但是诸如水冷凝，生物淤泥和固体颗粒之类的二次污染源会在喷射系统中产生破坏性影响。FILRUISON的燃油滤清器/水分离器将使您的发动机更清洁，长时间运行。选择FILRUISON燃油滤清器/水分离器将为燃油供给系统提供最高效率和最佳保护。

同固体颗粒污染物一样，水已经成为现代发动机最大的敌人之一。因为冷凝作用、误操作或者环境因素，往往导致柴油中混有水。

The latest technological applied to Diesel engines demands the highest fuel quality, with a high octane number to achieve more power and best efficiency. Although the diesel fuels are of very good quality, the sources of periodic contamination like water condensation, biological silt and solid particles, causes destructive effects in the injection system. FILRUISON's fuel filter/water separator will make your engine cleaner and long-running. Selecting the FILRUISON fuel filter/water separator will give the fuel supply system the highest efficiency and optimum protection.

Like solid particulate, water has become one of the main enemies of the engines. Because of condensation, misuse, or environmental factors, water is often mixed into the diesel.



《 水会对发动机造成以下危害 / DAMAGE TO ENGINES CAUSED BY WATER

- 水导致铁部件生锈，形成疏松的氧化铁聚集颗粒，加快喷油系统的磨损。
- 在水和柴油燃料的界面处，在适当的条件下迅速发生微生物生长。
- 水与各种形式的硫化物相结合，形成硫酸。这种强酸会损坏喷射系统和发动机部件。
- 水随柴油进入发动机后，会降低柴油自身的润滑性能，导致发动机过早磨损。
- Water causes iron components to rust, forming loose aggregated particles of iron oxide contributing to injector wear
- At the interface of water and Diesel fuel, Microbiological growth rapidly occurs under proper conditions.
- Water contamination combines with various forms of sulfur contamination, forming sulfuric acid. This strong acid can damage injection system and engine components.
- Water inhaled by the injection system can displace lubrication provided by the fuel oil itself, causing galling and premature wear.

《 工作原理 / HOW IT WORKS

柴油燃料过滤器/水分离器分三个过滤阶段：

第一阶段：分离

在这个阶段，水和30微米的大颗粒通过重力/离心力从燃油中分离出来，下沉到透明水杯的底部。

第二阶段：聚合

较小的水滴在集水杯的内壁和滤芯表面聚合。当达到一定的重量后，并将下沉到集水杯的底部。

第三阶段：斥水滤芯过滤

在该阶段，FILRUISON独创的斥水滤材生产的滤芯将滤除剩余的水分和10至30微米的固体污染物。

The Diesel fuel filter/water separators have three filtration stages:

1st stage: separation

In this stage the water and superior solids to 30 microns are separated of the fuel by gravity/centrifugal force and decants to the bottom of the transparent collector bowl.

2nd stage: coalescing

The smaller water droplets condense on the inner wall of the bowl and the surface of the filter element. The authorities receive a certain amount of weight and will decant to the bottom of the collection bowl.

3rd stage: filtration by the water repelling media

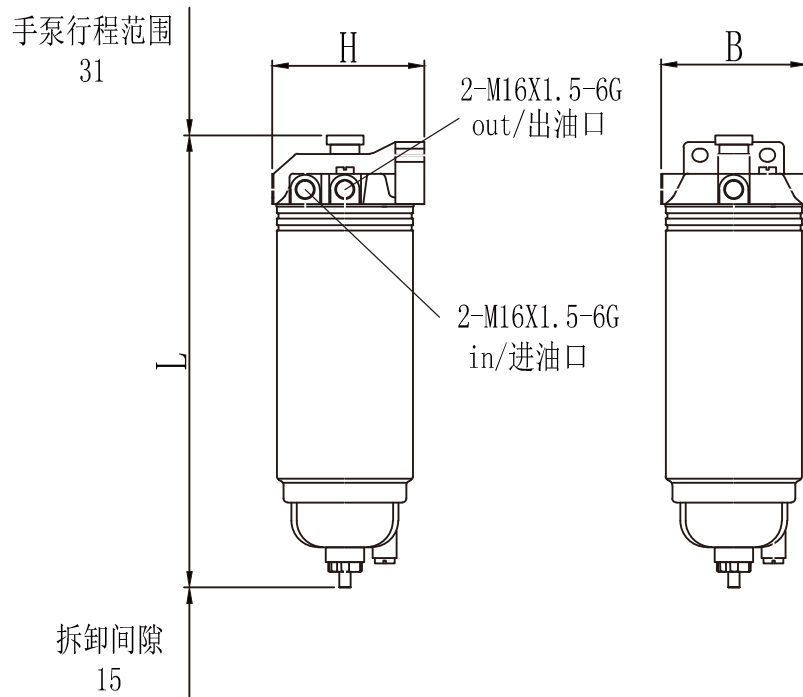
In this stage the filter media retained the rest of the water and solids contaminants of 10 to 30 microns, according to the used element that made by water repelling media.

《 滤芯介绍 / FILTER ELEMENT

- 滤芯由高级纤维和树脂复合而成，并经过特殊化学处理，水不仅不能通过，甚至不能黏附
- 端盖以不同颜色区分滤芯级别，红色为30 μ m，蓝色为10 μ m滤芯
- 原装FILRUISON-RAMA滤芯盖为防锈材料
- 易于更换滤芯，维护简单

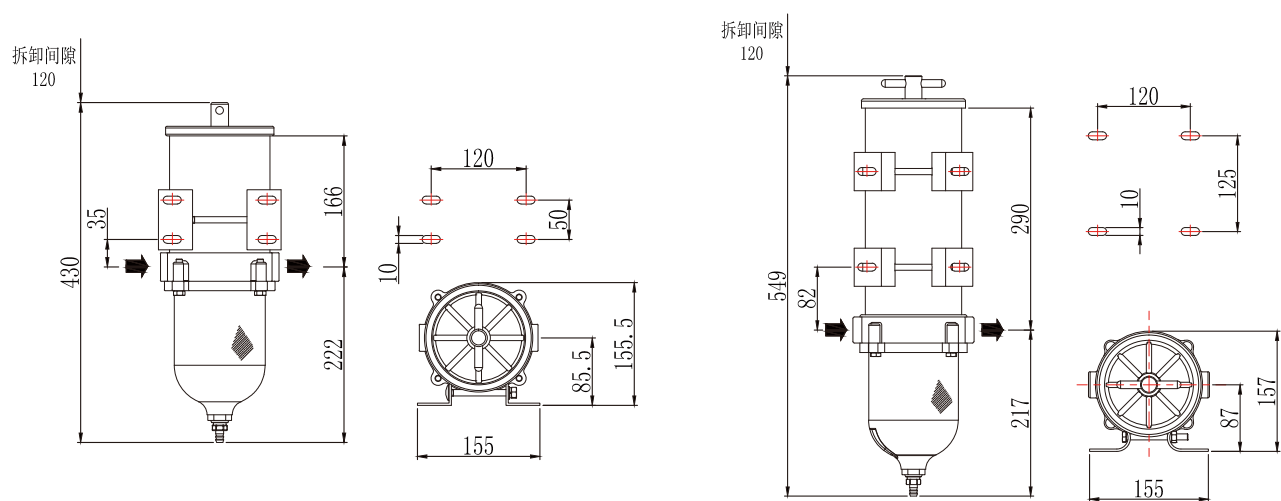
- Special FILRUISON filter medium with continuous internal mechanism change, supper dust capacity and perfect filtration efficiency
- Stable pleat forming to prevent wrinkles from deforming or bonding under harsh conditions
- The top polyurethane sealing ring fits to the housing for reliable sealing
- Long life, low pressure drop, durability





《 技术参数 / TECHNICAL DATA

型号 model	160RKP	180RKP	190RKP	160RK	180RK	190RK
最大流量	227L/H (60gph)	341L/H (90gph)	600L/H (160gph)	227L/H (60gph)	341L/H (90gph)	600L/H (160gph)
适用油品	柴油	柴油	柴油	柴油	柴油	柴油
最大工作压力	30PSI	30PSI	30PSI	30PSI	30PSI	30PSI
初始阻力	3.5kpa	5.3kpa	8kpa	2.6kpa	3.1kpa	6.1kpa
接口数量	4	4	4	7	7	7
接口尺寸	M16*1.5	M16*1.5	M16*1.5	M16*1.5	M16*1.5	M16*1.5
集成手油泵	是	是	是	无	无	无
透明集水杯	是	是	是	是	是	是
滤芯型号	RK16	RK18	RK19	RK16	RK18	RK19
排水方式	手动	手动	手动	手动	手动	手动
水传感器选件	可选	可选	可选	可选	可选	可选
电加热器选件 (12V/24V)	可选	可选	可选	可选	可选	可选
长度 (mm)	225mm(8.86")	286mm(11.26")	338mm(13.31")	220mm(8.66")	280mm(11.02")	340mm(13.39")
宽度 (mm)	110mm(4.33")	110mm(4.33")	110mm(4.33")	103mm(4.06")	103mm(4.06")	103mm(4.06")
高度 (mm)	115mm(4.53")	115mm(4.53")	115mm(4.53")	103mm(4.06")	104mm(4.09")	105mm(4.13")
手泵行程范围	31mm(1.22")	31mm(1.22")	31mm(1.22")			
重量 (kg)	1.3	1.4	1.9	1..17	1.2	1.9



《 技术参数 / TECHNICAL DATA

型号 model	900FHAC	1000FHAC	73-1000FHA	77-1000FHA
最大流量	341L/H (90ghp)	681L/H (180ghp)	1363L/H (360ghp)	2044L/H (540ghp)
长度	430mm(16.93")	549mm(21.61")	540mm(21.26")	540mm(21.26")
宽度	155mm(6.1")	158mm(6.22")	465mm(18.3")	630mm(24.8")
高度	155.5mm(6.12")	157mm(6.18")	301mm(11.85")	301mm(11.85")
重量	2.7kg	4.5kg	11.8kg	17.7kg
接口尺寸	7/8"-14UNF 22mm*1.5	7/8"-14UNF 22mm*1.5	7/8"-14UNF 22mm*1.5	7/8"-14UNF 22mm*1.5
初始阻力	2.4kpa	3.4kpa	11.7kpa	11.7kpa
最大工作压力	103kpa	103kpa	103kpa	103kpa
滤芯型号	2040SMA-30/10	2040SMA-30/10	2020SMA-30/10	2020SMA-30/10

《 分解图 / DECOMPOSITION GRAPH

