

POLYGON

VENTILATION SYSTEM PRODUCT MANUAL



AKAN ENTERPRISE GROUP(ZHEJIANG)CO.,LTD.

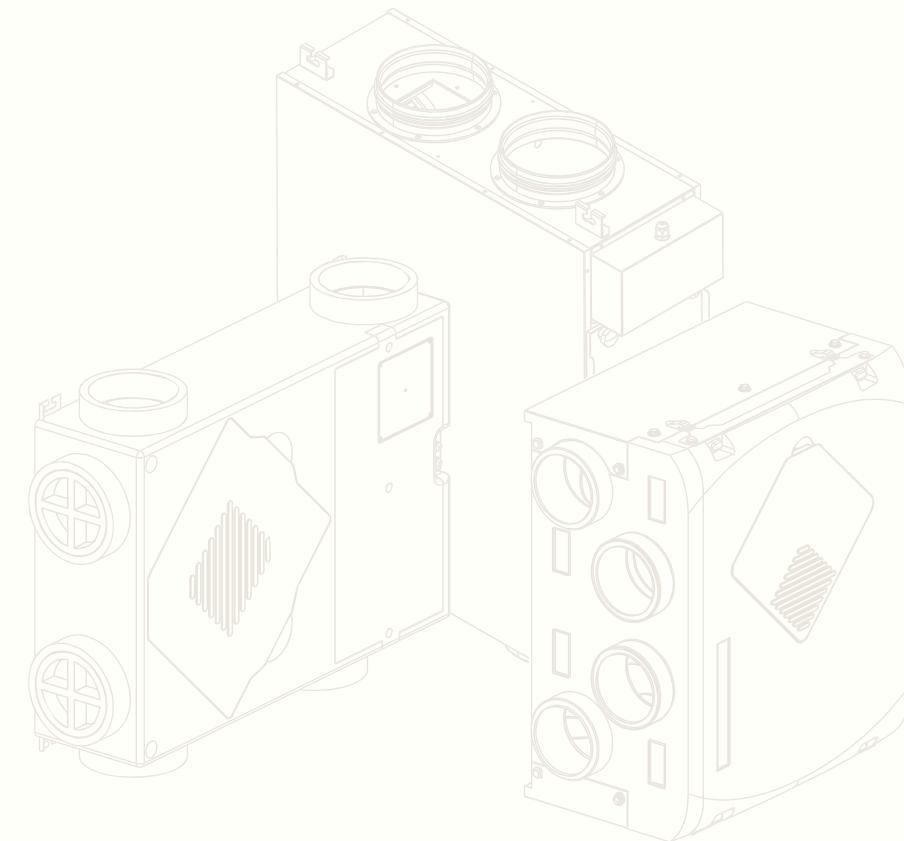
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Accommodation
Ventilation System





Brand Introduction

POLYGON Pipe is a well-known plastic piping system solution provider, specializing in the R&D, production and sales of plastic products of piping system, with leading technology production equipment. The products cover water supply and drainage, ground-source heat pumps, co-layered drainage, siphon rainwater, municipal engineering, HVAC systems and other fields.

17000000
Factory Scale

3000
Group Employees

500
Key Technical Personnel

20000+
Marketing Network

330+
City Coverage

30+
Countries and Areas of Production and Sales



Baodi, Tianjin



Huzhou, Zhejiang



Heyuan, Guangdong



Xinxiang, Henan



Jiangjin, Chongqing



Liuyang, Hunan

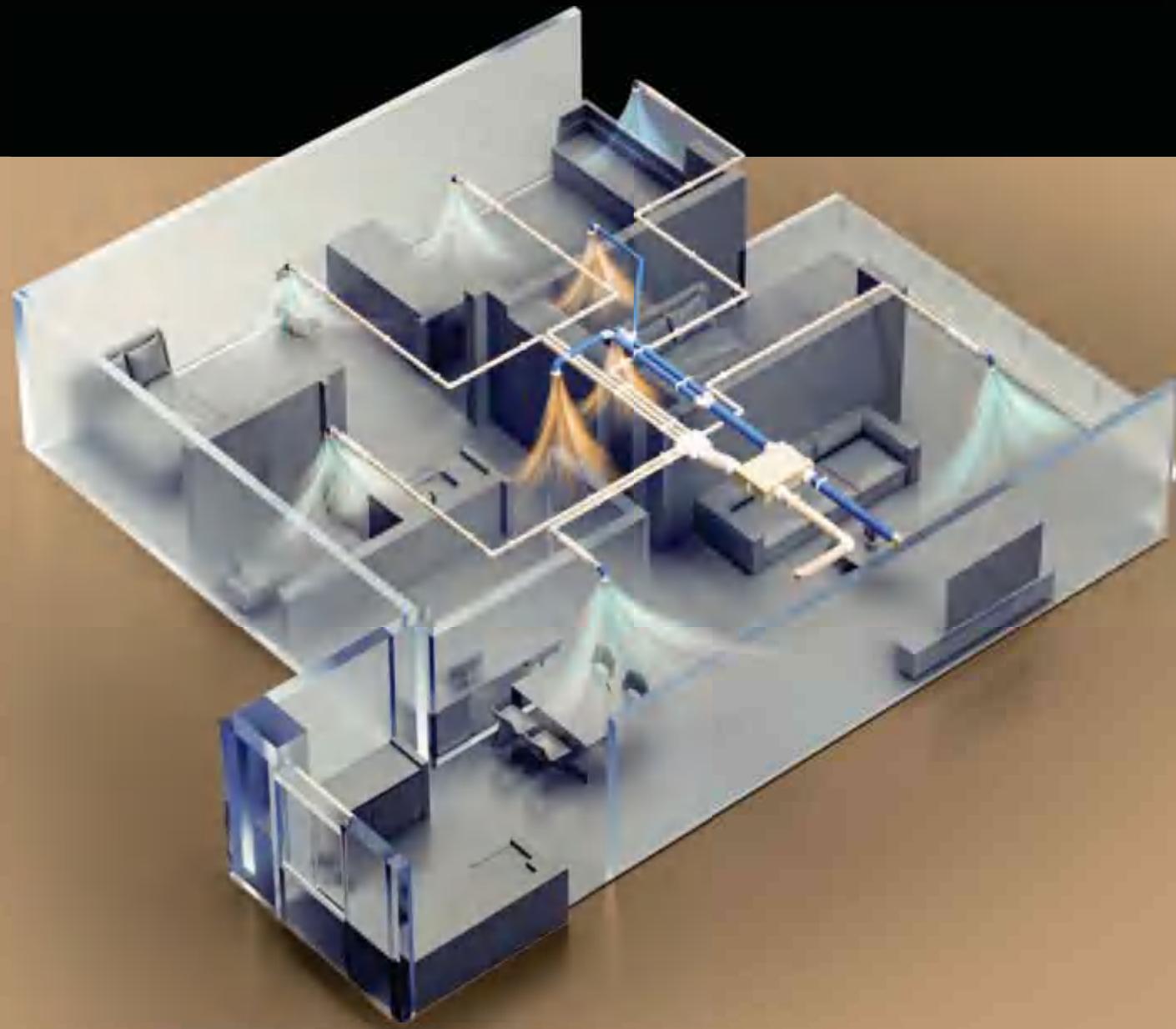
▪ Xinxiang, Henan Province [99, 733m²]

▪ Jiangjin, Chongqing City [80, 000m²]

▪ Liuyang, Hunan Province [110, 000m²]

POLYGON is a dedicated supplier of comfortable systems and a guide for a comfortable lifestyle that focuses on creating a healthy indoor environment quality (temperature and humidity, air cleanliness, oxygen content, and quietness). In 2015, the group established a heating, ventilation, and air conditioning (HVAC) division, dedicated to the research and development of HVAC system products, and officially launched the "POLYGON" brand in 2016, participating in the ISH exhibition and entering market.

The company has a professional ventilation laboratory that ensures the operational effectiveness of the entire system from the main unit, distribution, to control, aiding in product innovation, research and development, and implementation. POLYGON Ventilation has now become a leader in domestic healthy whole-house ventilation systems, and its product systems are widely used in various places such as residences, apartments, office buildings, hotels, and schools.



7

Seven Major Production Bases

Shanghai, Zhejiang, Chongqing, Henan, Hunan, Tianjin, Guangdong



Efficient Production

Automated production lines; informationized management and logistics; currently the only manufacturer in China with a shield tunnel pipe production line.



Stringent Testing

"Three inspections" system for raw materials, in-process, and finished products; passed ISO management system certification.

VIP

Association Membership

Member units of the Comfortable Home Division and Fresh Air and Water Purification Division of the China Metal Structure Association.

保

Effect Assurance

Equipped with a professional fresh air laboratory, capable of testing air volume, fresh air rate, static pressure, heat exchange efficiency, noise, PM2.5 filtration efficiency, and other factors to ensure the effectiveness of the system's use.



System Advantages

One-stop provision of fresh air system products, convenient, worry-free, and guaranteed.



Industry Honors

Top ten trusted brands by consumers, outstanding contribution awards, social responsibility practice awards, etc.

CNAS

CNAS Laboratory

Internationally recognized, quality assurance.

patented product:





Enthalpy Difference Laboratory

The laboratory comprises the Enthalpy Difference Control Room, the Enthalpy Difference Laboratory (outdoor side), and the Enthalpy Difference Laboratory (indoor side). The entire laboratory can test airflow up to a maximum of 3500m³/h. Its main function is to test five parameters of the fresh air system: airflow, static pressure, heat exchange efficiency, effective ventilation rate, and input power.



Semi-anechoic Chamber

This chamber is designed to test the noise generated by the fresh air main unit during operation. The room-in-room structure and walls utilizing special sound-absorbing structures create a quiet environment, eliminating external noise interference. During experiments, the setup simulates real-life conditions to ensure the test results are accurate and reliable.



Primary Filtration Laboratory

This laboratory tests the PM2.5 filtration efficiency of the fresh air main unit. It features an extended testing table with auxiliary fans, a dust generation section, a pre-sampling section, the fresh air main unit, and a post-sampling section. By simulating high-pressure dust generation, it recreates outdoor haze scenarios. A dust particle counter measures six sets of data before and after filtration by the fresh air unit, allowing for a comparison to calculate the filtration efficiency.



Sources of Indoor Air Pollution

Outdoor Gaseous Pollution

Common outdoor gaseous pollutants such as vehicle exhaust and garbage incineration, including ozone, are also exacerbating indoor pollution.

Outdoor Solid Pollutants

Solid pollutants such as haze and dust enter the indoor environment and are extremely difficult to clean.

Carbon Dioxide

A lack of air circulation or a large number of people can easily lead to excessive levels of carbon dioxide, which is the main culprit for lethargy, dizziness, drowsiness, and stuffiness.

Secondhand Smoke and Kitchen Fumes

Smoking and cooking at home are accompanied by a large amount of secondhand smoke and fumes, which are harmful to health.

Various Odors

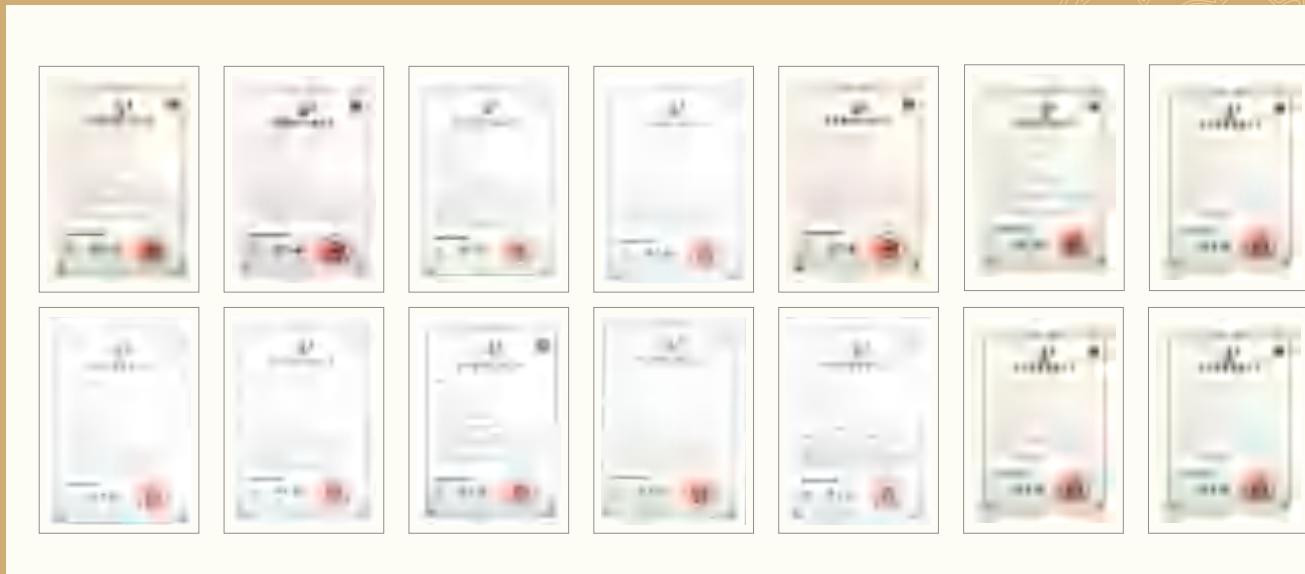
Common areas such as kitchens and bathrooms often produce various pollutants that affect the quality of life.

Pollen and Dust Mites

Flowers and plants release tiny pollen into the air, and a large amount of dust mites exist deep in beds and sofas. These can easily trigger allergic symptoms such as rhinitis.

Bacteria and Viruses

These are significant but often neglected pollutants. Damp environments are prone to breeding bacteria, and air conditioners that are not cleaned for a long time become breeding grounds for bacteria and viruses.



About POLYGON

POLYGON is dedicated to creating a healthy indoor environment (temperature, humidity, air cleanliness, freshness, and quietness) as a provider of comfortable system solutions and advocate for comfortable living.

POLYGON is one of the subsidiary brands under the AKAN Enterprise Group. Established in 2015, the group's HVAC division focuses on researching and developing HVAC system products. In 2016, POLYGON was officially established as a brand and made its debut at the ISH Exhibition, entering market. With a professional fresh air laboratory, the company ensures the operational effectiveness of the entire system from the main unit to distribution and control, facilitating product innovation and development.

POLYGON has been deeply involved in the HVAC market for many years, focusing on the research and development of cutting-edge technologies such as indoor air purification, fresh air, and temperature and humidity control. It holds multiple product patents and has participated in the formulation of national and local HVAC industry standards.

The research and development laboratory continuously refines and upgrades its capabilities, integrating advanced production technologies from Europe to create comfortable indoor system solutions suitable for the Chinese environment.

Currently, the company has established seven major production bases in China. Its products and systems are widely used in various locations such as residences, apartments, office buildings, hotels, and schools, committed to creating efficient, healthy, safe, energy-saving, and comfortable living environments for consumers.



Eight Advantages of Polygon Ventilation System

- High airflow and low noise
- Anti-mold and anti-static
- Pressure-resistant and impact-resistant
- flexible installation with Quick plug-in connection
- Wide range of accessories
- Easy installation without structure damage
- Flexible and bendable
- Smooth long distance airflow



Polygon Main Pipe Accessories



POLYGON EPP Fresh Air Main Pipe

DN125(1m) DN160(1m) DN180(1m)



Gray EPP Fresh Air Main Pipe

DN200



Gray EPP Fresh Air Main Pipe -
Flame Retardant

DN125(1m) DN160(1m) DN180(1m)



EPP Circular Pipe Elbow

DN125×90° DN160×90° DN180×90°
DN200×90°



EPP Circular Pipe Coupling

DN125 DN160 DN180 DN200



EPP Circular Pipe Coupling -
Flame Retardant

DN125 DN160 DN180



EPP Circular Pipe Elbow -
Flame Retardant

DN125×90° DN160×90° DN180×90°



EPP Circular Pipe Tee

DN125 DN160



EPP Circular Pipe Tee -
Flame Retardant

DN125 DN160



EPP Circular Pipe Reducer

DN160/DN125 DN180/DN160



EPP Circular Pipe Reducer -
Flame Retardant

DN160/DN125 DN180/DN160



EPP Circular Pipe Clamp

DN125/DN160/DN180 (General) DN200

Polygon Main Pipe Accessories



Air Pipe Insert Socket

DN160-125 DN200-160



Air Pipe Insert Socket

DN125 DN160 DN180 DN200



Silencing Pipe - Kit

Φ130(1m) Φ130(0.6m) Φ165(1m)

Φ165(0.6m) Φ185(1m) Φ185(0.6m)

Φ205(1m)



Silencing Pipe - Type II

DN110(0.6m) DN110(1m)

DN160(0.6m) DN160(1m)



Gray ABS Straight Flange Air Outlet

DN125 DN160 DN200



Flange Soft Connection

DN158-98 DN158-108 DN158-123

DN158-145 DN158-158 DN193-158

DN198-193



Universal Buckle Pipe

DN110(2m) DN160(2m)



Adjustable universal pipe clamp

Φ110-230

Product Advantages

Flexible and sturdy

Corrugated structure, which is flexible and easy to bend, ensures no air surge risk; ring stiffness exceeds 8 with high pressure resistance.

High-quality and environmentally friendly

High-density PE-HD extrusion molding, compared to traditional PVC air ducts, requires no glue bonding, which is safer and more environmentally friendly, longer lifespan; each meter weighs over 280 grams, ensuring sufficient weight and quality assurance.

Insulation and noise reduction

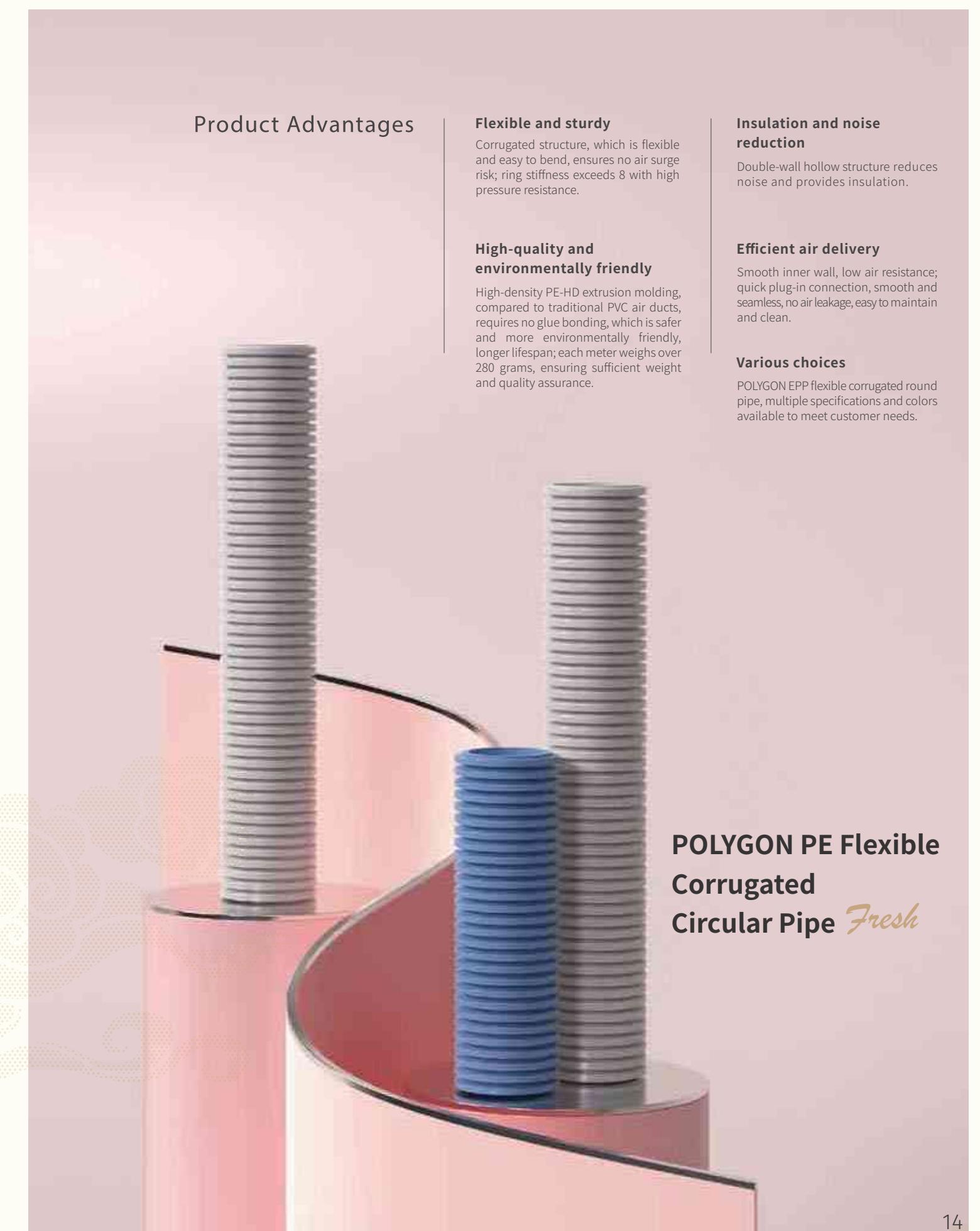
Double-wall hollow structure reduces noise and provides insulation.

Efficient air delivery

Smooth inner wall, low air resistance; quick plug-in connection, smooth and seamless, no air leakage, easy to maintain and clean.

Various choices

POLYGON EPP flexible corrugated round pipe, multiple specifications and colors available to meet customer needs.



POLYGON PE Flexible Corrugated Circular Pipe *Fresh*

POLYGON PE Flexible Corrugated Circular Pipe

Sky Blue ●

Insulation and noise reduction, light sound of air supply, light weight and sturdy.



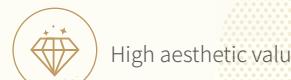
Smooth airflow



Insulated for noise reduction



Sterile and environmentally friendly



High aesthetic value



Elegant Grey ●

Resistant to mold and bacteria in humid environments, effectively preventing secondary pollution.



Anti-mold and antibacterial



Efficient airflow



Light sound of air supply



Sterile and environmentally friendly



Flexible and sturdy



Application Examples



POLYGON PE flexible corrugated circular pipes, complete with accessories, offer flexible installation options and a wide range of diameters for various applications.

Residential buildings, villas, offices, restaurants, bars, hotels, etc.

POLYGON PE Flexible Corrugated Circular Pipe

China Red ●

Insulated for noise reduction, light sound of air supply, light weight and sturdy.



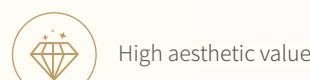
Smooth airflow



Insulated for noise reduction



Sterile and environmentally friendly



High aesthetic value



Moon White ○

Enhanced with anti-mold and anti-static properties, resistant to mold in humid conditions, and prevents dust accumulation in dry environments, effectively preventing secondary pollution.



Dual protection



Efficient airflow



Insulated for noise reduction



High-quality and environmentally friendly



Specifications

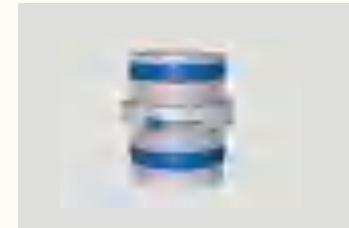
POLYGON PE Circular Pipe Specifications				
Sky Blue PE-HD Fresh Air Flexible Corrugated Round Pipe -Environmentally Friendly	China Red PE-HD Fresh Air Flexible Corrugated Round Pipe -Environmentally Friendly	Elegant Gray PE-HD Fresh Air Flexible Corrugated Round Pipe -Flame Retardant	Elegant Gray PE-HD Fresh Air Flexible Corrugated Round Pipe -Antibacterial	Moon White PE-HD Fresh Air Flexible Corrugated Round Pipe -Antibacterial
DN75(50m)	DN75(50m)	DN63(50m)	DN63(50m)	DN75(50m)
DN90(40m)		DN75(50m)	DN75(50m)	DN90(40m)
DN110(20m)		DN90(40m)	DN90(40m)	DN110(30m)
DN110(30m)		DN110(30m)	DN110(20m)	
DN160(2m)		DN110(40m)	DN110(30m)	
DN160(3m)		DN160(2m)	DN160(2m)	
DN200(3m)			DN160(3m)	

POLYGON Fresh Air Flexible Corrugated Round Pipe Accessories



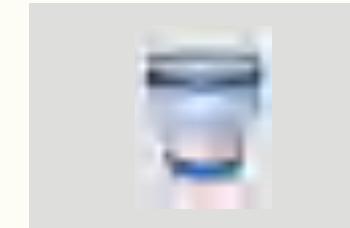
Corrugated Pipe Coupling

DN75 DN90 DN110 DN160 DN200



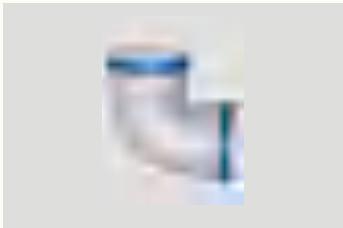
Corrugated Pipe Coupling - With Air Valve

DN75



Corrugated Pipe Reducer

DN110/DN75 DN160/DN110 DN200/DN160



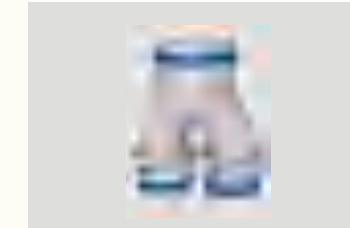
Corrugated Pipe Elbow

DN75 DN90 DN110 DN160 DN200



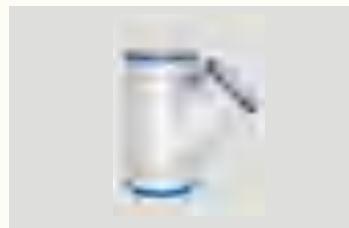
Corrugated Pipe Y-shaped Tee

DN110/DN75 DN160/DN110 DN200/DN160



Corrugated Pipe Y-shaped Tee - With Air Valve

DN110/DN75 DN160/DN110



Corrugated Pipe Same-diameter Oblique Tee

DN75 DN110 DN160



Corrugated Pipe Reducing Oblique Tee

DN110/DN75/DN110 DN160/DN110/DN160
DN200/DN160/DN200



Corrugated Pipe Equal Diameter Tee - with Air Valve

DN110



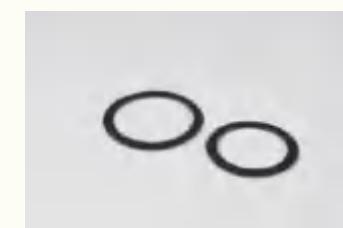
Corrugated Pipe Reducing Coupling

DN90/2-DN63



Seal Ring - EPDM - Flange Air Outlet

DN100 DN125 DN160 DN180



Seal Ring - EPDM - Fresh Air Corrugated Round Pipe

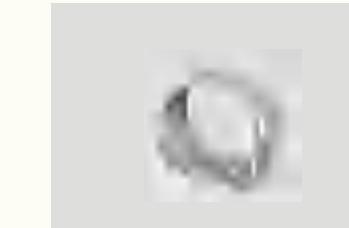
Φ63 Φ75 Φ90 Φ110 Φ160 Φ200

POLYGON Fresh Air Flexible Corrugated Round Pipe Accessories



SUS201 Corrugated Pipe Clamp

DN63(0.35mm) DN75(0.35mm) DN90(0.35mm)



Gray New Type Corrugated Round Pipe Clamp - Type II

DN63 DN75 DN90 DN110 DN160 DN200



Gray Insulated Round Pipe Clamp

DN75/DN110 (General)



Corrugated Pipe Quick Insert Coupling

DN63



Corrugated Pipe Elbow

DN75



New Type Corrugated Pipe Cutter

DN63 DN75 DN90



End Silencing Pipe - Type II

DN75 DN90



ABS Fresh Air Distributor Plug

General



Direct Distributor - New Type

DN63 DN75 DN90



ABS Direct Distributor

DN63 DN75 DN90



Blue Simple Air Volume Balancing Valve - for Corrugated Round Pipe

DN63 DN75 DN90

*Only suitable for ABS fresh air diffusers



POLYGON PE Fresh Air Shield Pipe

Product Advantages

Shield Advantages

Unique shield structure, more pressure-resistant, reducing floor pressure, excellent choice for underground air ducts.

High-quality and environmentally friendly

High-density PE-HD extrusion molding, compared to traditional PVC air ducts, requires no glue bonding, safer, more environmentally friendly, longer lifespan.

Dual protection

Added anti-mold and anti-static components, fearless of mold growth in humid environments, and dust accumulation in dry environments, effectively preventing secondary pollution.

Insulation and noise reduction

Double-wall hollow structure reduces noise and provides insulation.

Flexible and sturdy

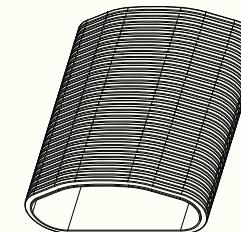
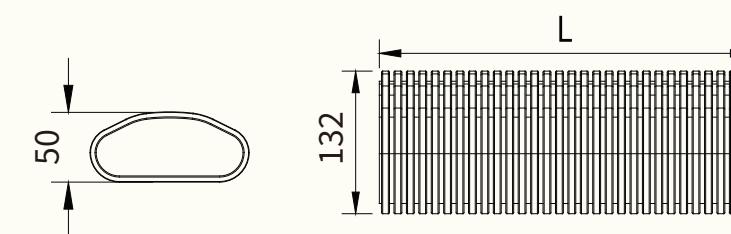
Corrugated structure, flexible and easy to bend, ensures no air leakage along the pipe; compression resistance is up to 7kN/m² with high compression strength.

Efficient air delivery

Smooth inner wall, low air resistance; quick plug-in connection, smooth transition, no air leakage, easy maintenance and cleaning.

Specifications

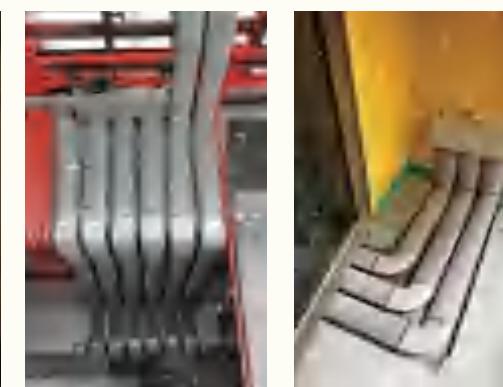
Model	Outer Diameter	Inner Diameter
132×52 (20m×2)	132×50	122×41



POLYGON PE Flexible Corrugated Shield Pipe, low floor height, more pressure-resistant, flexible over beams, suitable for both top and underground air ducts.

POLYGON PE Fresh Air Shield Pipe

Applications



Fresh Air Corrugated Shield Pipe Fittings



Light Gray PE-HD Fresh Air
Flexible Corrugated Shield Pipe
- Antibacterial

132×52 (40m)



Volume Distribution Box of
Shield Flat Pipe Air

5-132×52/2-163×68



Volume Distribution Box of
Shield Flat Pipe Air

4-132×52/1-163×68



Shield Pipe Rotating Joint

132×52



Shield Pipe Vertical 90° Elbow

132×52



Shield Pipe Horizontal 90° Elbow

132×52



Shield Pipe Sealing Connector

132×52



Shield Pipe Sealing Transition Joint

132×52



ABS Shield Pipe Horizontal 90° Elbow

132×52



ABS Shield Pipe Circular Pipe
Horizontal Transition Joint

132×52/DN75 132×52/DN90



ABS Shield Pipe Circular Pipe
Vertical Transition Joint

132×52/DN75 132×52/DN90

Fresh Air Corrugated Shield Pipe Fittings



Internal
132×52/DN75 132×52/DN90



Shield
132×52/DN90



**Internal Insert Shield Pipe
Circular Pipe 90° Transition Joint**
132×52/DN75 132×52/DN90



**Shield Pipe Horizontal Indoor
Air Outlet Adapter**
132×52/DN125



**Shield Pipe 90° Square Grille
Bearing Port**
132×52



**Shield Pipe 90° Indoor Air
Outlet Adapter**
132×52/DN125



**Shield Flat Pipe Air Volume
Adjusting Valve**
132×52



Shield Louver Air Valve
132×52



Shield Pipe Plug
132×52



Shield Pipe Plastic Pipe Clamp
132×52



**Shield Pipe Metal Pipe Clamp
- Type II**
132×52



**Seal Joint - Shield Pipe Sheet
Metal Distributor Use**
132×52

Fresh Air ABS oval tubes and accessories



ABS Oval Pipe
163×68 (1.2m)



Oval Pipe Horizontal 90° Elbow
163×68



Oval Pipe Sealing Connector
163×68



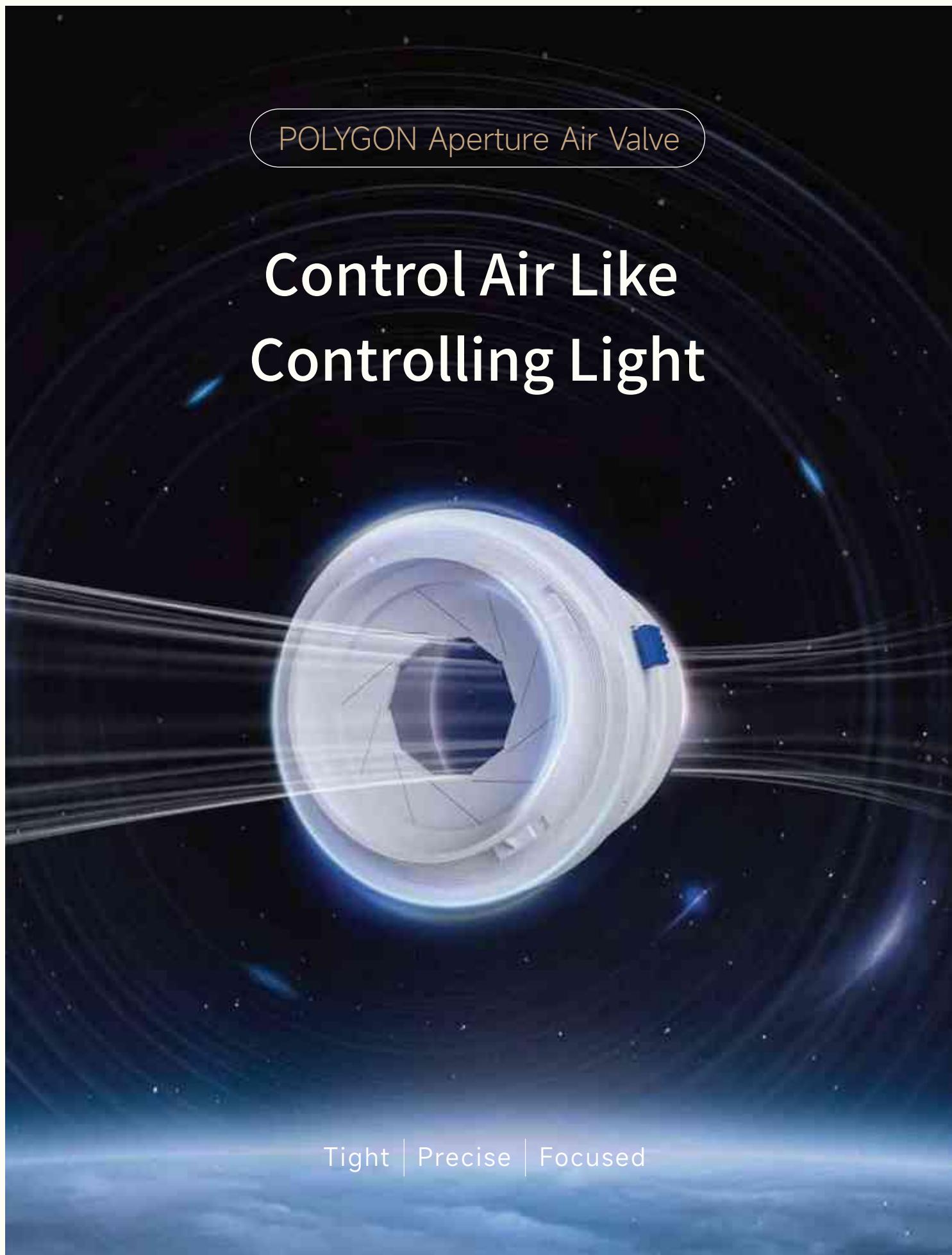
**Circular Pipe Oval Pipe Horizontal
Transition Joint**
DN125-163×68



**Circular Pipe Oval Pipe
Horizontal Transition Joint**
DN160/2-163×68



Oval Pipe Vertical 90° Elbow
163×68



POLYGON Aperture Air Valve

Control Air Like Controlling Light

Tight | Precise | Focused

POLYGON Aperture Air Valve

Q: How does the fresh air system control the airflow at each outlet?
A: By controlling the light.

Inspired by the aperture of a camera, the design allows adjusting the airflow precisely by sliding the knob to make the blades concentrically contract, reducing the ventilation area.

Product Advantages

Ultrasonic Technology

Rigorous and meticulous structure, stable and durable, safe and healthy.

Adjustable at Will

Can be adjusted freely during the installation and commissioning stage, allowing precise control of the airflow at each outlet.

Carefully Selected Materials

Selects high-quality ABS pure new material, healthy and reliable, quality guaranteed.

Ten-level Adjustment, Smooth and Unobstructed

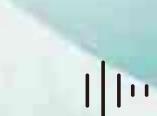
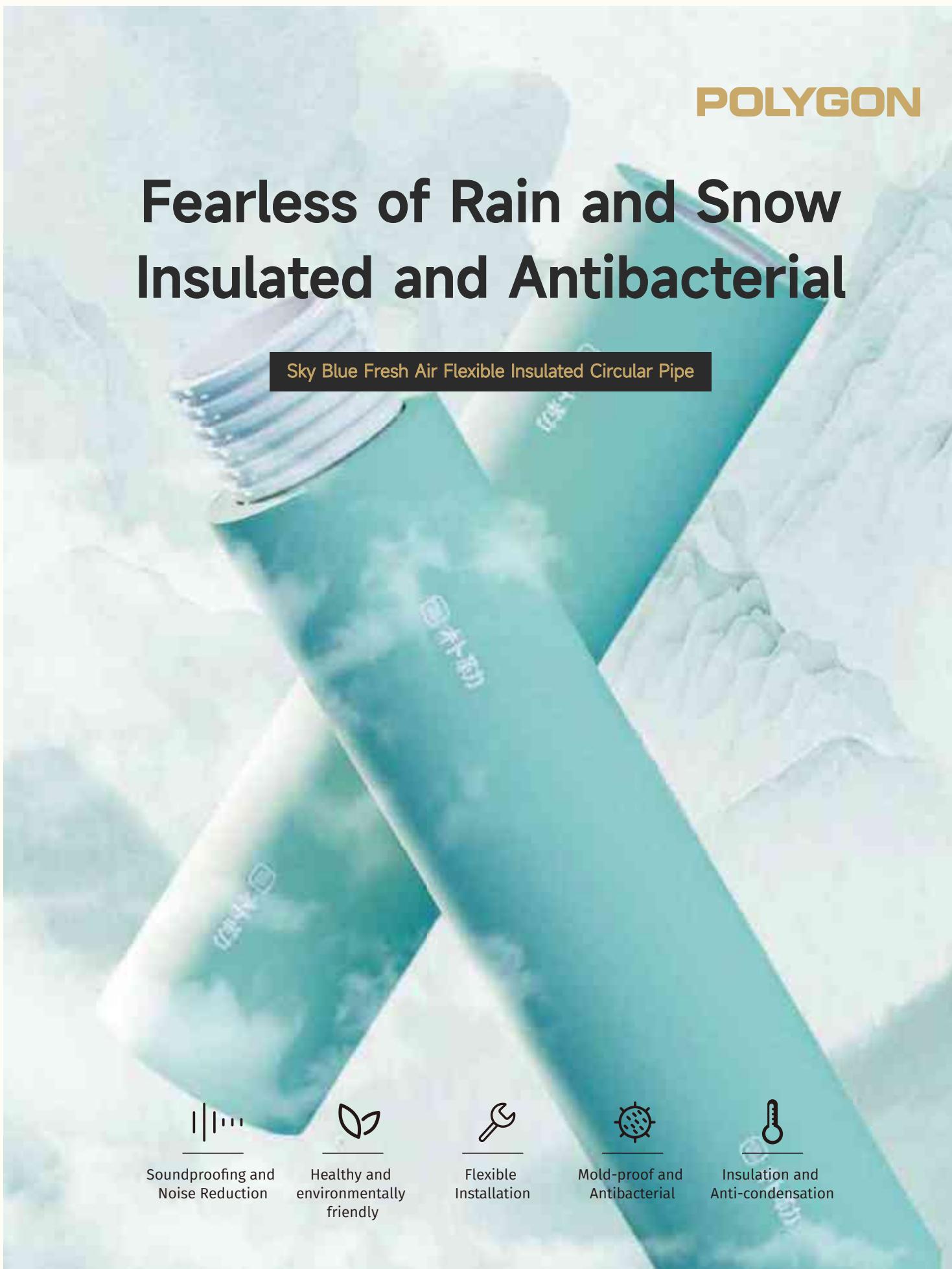
More stable, more precise, no air leakage, no obstruction in the middle, reducing air loss, reducing dust accumulation.



POLYGON

Fearless of Rain and Snow Insulated and Antibacterial

Sky Blue Fresh Air Flexible Insulated Circular Pipe



Soundproofing and
Noise Reduction



Healthy and
environmentally
friendly



Flexible
Installation



Mold-proof and
Antibacterial



Insulation and
Anti-condensation

Sky Blue Fresh Air Flexible Insulated Circular Pipe



Soundproofing and Noise Reduction

The outer insulation cotton is thick, dense, shock-absorbing, and noise-reducing, providing a quiet and comfortable environment.



Flexible Installation

Corrugated structure, flexible and bendable, easy to bend during installation, efficient and labor-saving.



Mold-proof and Antibacterial

The pipeline contains silver ion components, which inhibit the growth of mold and bacteria. Raw materials added with antistatic masterbatch reduce secondary pollution.



Healthy and environmentally friendly

The pipeline adopts high-quality PE-HD material, odorless, environmentally friendly, and safe. Resistant to acetic acid corrosion, safe and environmentally friendly.



Insulation and Anti-condensation

B1-grade flame-retardant rubber-plastic insulation pipe, fireproof and flame-retardant, moisture-proof and anti-condensation.

Product Parameters

Specifications	DN75	DN110
Material	PE-HD	PE-HD
Inner Diameter	63mm	98mm
Outer Diameter	75mm	110mm
Insulation Thickness	16mm	18mm

Application Method: Suitable for all-air air conditioning, environmental control units, ventilation systems with insulation requirements



EPP Fresh Air Insulation Distributor

Can be matched with EPP Fresh Air Insulation Distributor, EPP material for insulation and shock absorption, aluminum foil rubber-plastic insulation cotton added in the inner layer, making the system connection more secure!



Insulation Sleeve - Sky Blue - Polygon

B1 flame retardant, safe and reliable; can be wrapped around the air duct to prevent moisture, insulation, and condensation.

PDB125-8 PDB160-14 PDB160-17

72×16×1000 105×18×1000



Fresh Air Purification Box



EPP Fresh Air Distributor

Split design, upper part made of EPP material for noise reduction, lower part made of sheet metal with internal insulation cotton lining, multi-opening split design, easy disassembly, easy maintenance, flexible installation.

PDB160-14 PDB125-7 PDB160-12



Sheet Metal Fresh Air Distributor

Made of sheet metal, sturdy and fireproof, safe and reliable; with internal insulation cotton lining, multi-opening design, flexible installation, easy disassembly, easy maintenance.

PDB160-6(DN110) PDB200-6(DN110) PDB160-14 PDB200-14



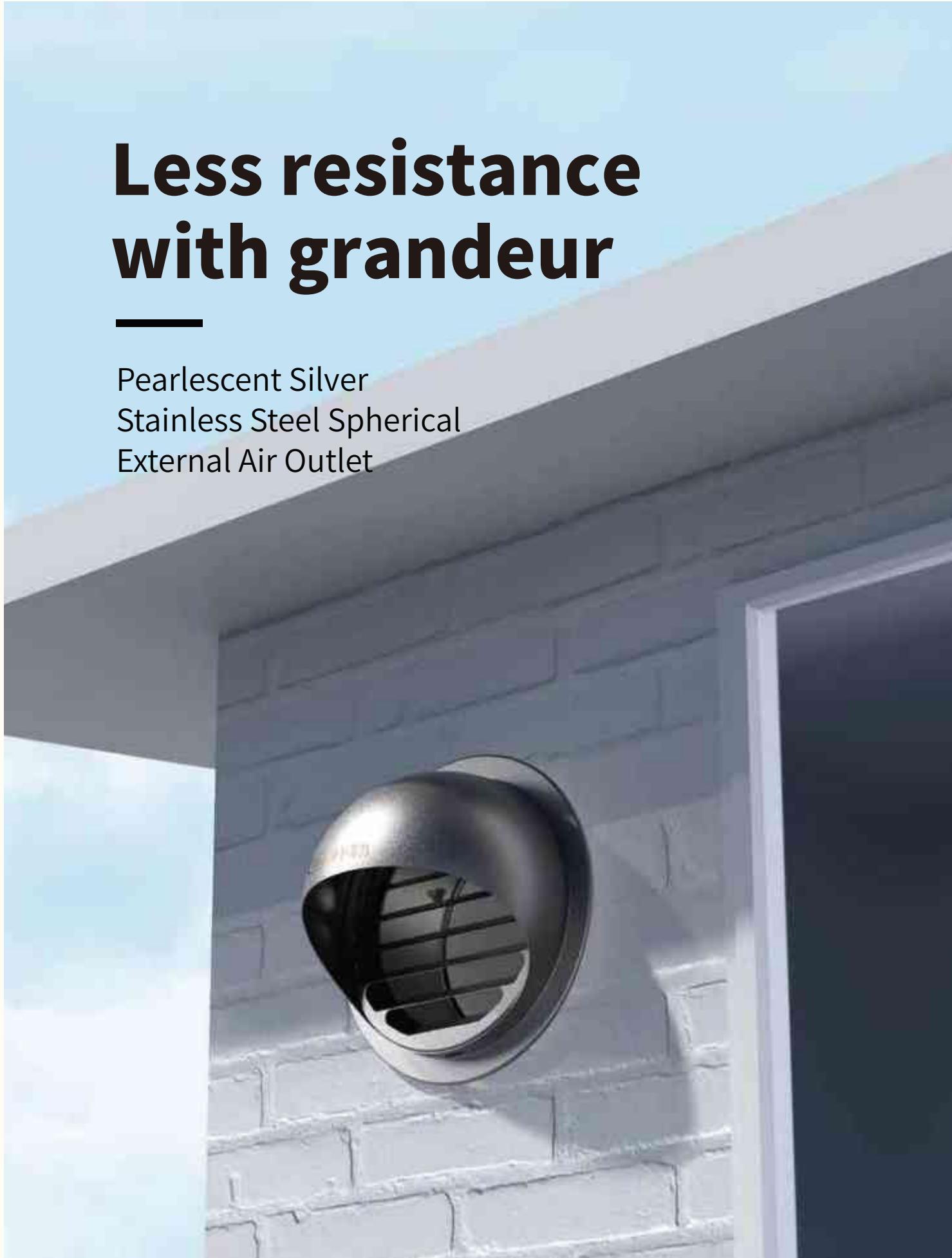
ABS Fresh Air Distributor

Available in seven-hole and eight-hole models, with the seven-hole model being smaller in size. Made of brand new ABS material, high strength, lightweight, long service life, with internal sound-absorbing cotton, effectively reducing noise; double inspection cover design, easy to clean and maintain; streamlined air duct, low resistance, more uniform air delivery; sealing ring seals each interface, reducing air leakage rate; can be installed with DN63, DN75, DN90 specifications of PE corrugated pipes simultaneously.

PDB160-7 PDB160-8

Less resistance with grandeur

Pearlescent Silver
Stainless Steel Spherical
External Air Outlet



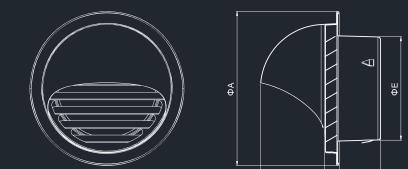
● Pearlescent Silver Stainless Steel Spherical External Air Outlet

PRODUCT FEATURES



TECHNICAL PARAMETER

Specifications	φA	B	C	D	φE	Suitable
PSS-110S	145	70	15	42	105	EPP round pipe
PSS-160S	188	83	20	50	155	
PSS-100S	145	70	15	42	95	Corrugated round pipe
PSS-140S	188	83	20	50	137	





Polygon New Air Indoor Air Outlet



Ivory White ABS Supply and Exhaust Air Outlet Kit

Carefully crafted from ABS, ensuring safety, environmental protection, and long-lasting aesthetics without discoloration. Equipped with standard filter cotton to prevent mosquitoes and insects. The panel and cover can be separated for easy cleaning and replacement of the filter cotton.

DN100 DN125



Fine fiber air outlet cotton ABS ivory white exhaust air outlet kit

Initial efficiency mesh in a bucket shape 130g/7.8mm/180mm



Pearl white air inlet - diffuser

Made of pure new ABS material, environmentally friendly and moisture-proof; easy and stable installation; adjust the air volume by rotating the middle disc without blocking, according to personal preference; intricate star pattern, aesthetically pleasing.

PP75/C PP100/C

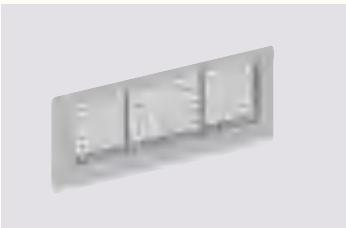


Pearl White Air Supply Outlet - Diffusion

Pure new ABS material, environmentally friendly and moisture-proof; easy and sturdy installation; built-in filter, mosquitoes and dust are all blocked, detachable for cleaning; straight louver design, low resistance, reducing air loss.

PP75/C PP100/C

Polygon New Air Indoor Air Outlet



Rectangular Stainless Steel Indoor Air Outlet for Shield Flat Pipe

150×130



Filter for Shield Flat Pipe Stainless Steel Rectangular Indoor Air Outlet

G3



Indoor Air Outlet Adapter - Type II

The main body is made of PP+TPE material, healthy and environmentally friendly; low internal air resistance; universal bending and stretching, convenient installation; standard with dust cover to protect the system from secondary pollution.

DN63-75 DN75-75 DN75-100 DN90-100 DN110-100



Indoor Air Outlet Adapter

One end connects to the corrugated round pipe, and the other end connects to the end indoor air outlet, which can be widely used for air supply or exhaust and can be installed on walls, floors, or ceilings.

Double-port adapter: two corrugated round pipes connect to one adapter.
Single-port adapter: one corrugated round pipe connects to one adapter.



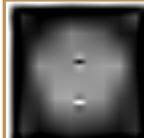
Product Name	Specifications
Indoor Air Outlet Adapter	DN 125-2×DN75
	DN 125-2×DN90
	DN 100-1×DN63
	DN 125-1×DN75
	DN 125-1×DN90



New style art outlet

Square artistic air vent

	Product Name Ivory White Full Air Outlet - Retro Type	Specifications PM125F/Q	Material Number 1420M0630-023
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	Product Name Pearl Black Metal Air Outlet - Retro Type	Specifications PM125F/Q	Material Number 142040530-024
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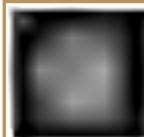
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	Product Name Ivory White Metal Air Outlet - Fashion Type	Specifications PM125FMQ	Material Number 142040530-026
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	Product Name Pearl Black Full Air Outlet - Fashion Type	Specifications PM125F/Q	Material Number 142040630-027
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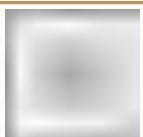
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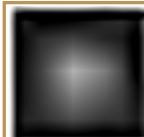
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	Product Name Pearl Fruit Metal Air Outlet - Simple Type	Specifications PM125F/Q	Material Number 142040630-020
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	Product Name Coffee Brown Metal Air Outlet - Simple Type	Specifications PM125F/Q	Material Number 142040630-021
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	Product Name Silky Silver Metal Air Outlet - Simple Type	Specifications PM125FIQ	Material Number 142040630-022
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	Product Name Collection Ivory White Metal Air Outlet - Elegant Type	Specifications PM125F/Q	Material Number 142040630-029
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	Product Name Pearl Black Metal Air Outlet - Elegant Type	Specifications PM125F/Q	Material Number 142040630-030
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	Product Name Coffee Brown Metal Air Outlet - Elegant Type	Specifications PM125F/Q	Material Number 1420440630-031
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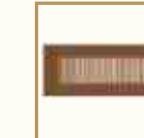
	Product Name Controlled Silver Metal Air Outlet - Elegant Type	Specifications PM125FMQ	Material Number 142040630-032
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New style art outlet

Rectangular artistic air vent

	Product Name Ivory White Full Air Outlet - Simple Type	Specifications PM132x52MR Material	Material Number 142040530-033
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	Product Name Matte Black Metal Phoenix Mouth - Minimalist Type	Specifications PM132x52FR	Material Number 142040630-034
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	Product Name Coffee Brown Metal Air Outlet - Compact Type	Specifications PM132x52F/R Material	Material Number 142040630-035
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	Product Name Brushed Tin Metal Gankou - Portuguese Type	Specifications PM132x52F Wave	Material Number 142040630-036
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	Product Name Ivory White Metal Air Outlet - Elegant Type	Specifications PM132x52FR Material	Material Number 142040530-043
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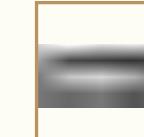
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	Product Name Coffee Brown Metal Phoenix Mouth - Pizzazz Type	Specifications PM132X52F/R	Material Number 142040630-045
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	Product Name Brushed Tin Metal Gankou - Elegant Type	Specifications PM132X52F Ni	Material Number 1420M0630-046
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	Product Name Ivory White Metal Phoenix Mouth - Retro Type	Specifications PM132X52Ten Thousand R	Material Number 142040630-037
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	Product Name Matte Black Metal Phoenix Mouth - Retro Type	Specifications PM132x52FR Science	Material Number 142040630-038
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	Product Name Coffee Brown Metal Phoenix Mouth - Retro Type	Specifications PM132X52Monthly R	Material Number 142040630-039
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	Product Name Ivory White Metal Air Outlet - Fashion Type	Specifications PM132X52FR	Material Number 142040630-040
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	Product Name Matte Fruit Metal Phoenix Mouth - Fashion Type	Specifications PM132x5

Healthy Whole House Fresh Air System

• Excellence

Striving for perfection, precise airflow control

• Tranquility

Infinite serenity, immersed enjoyment



7

Seven Major Production Bases at Headquarters

Shanghai, Zhejiang, Chongqing, Henan, Hunan, Tianjin, Guangdong

Efficient Production

Automation of production lines; Management, logistics informationization; Currently, one of the few manufacturers in China with shield tunneling pipe production lines

Strict Testing

Raw materials undergo the "three inspections" system; Certified through ISO 9001 management system

VIP

Member Unit of Association

China Building Metal Structure Association promotes the overall rate of fresh air and clean water separation

CNAS

Internationally recognized, ensuring quality

System Advantages

One-stop supply of new BES series products, convenient and guaranteed

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Effect Guarantee

Equipped with professional airflow network test benches, able to test airflow volume, static pressure, wave resistance, color rendering, and other parameters to ensure the effectiveness of the system

Industry Honors

Ranked among the top ten brands trusted by consumers, highlighting contributions to practicality, social responsibility, and implementation of the actual situation