

TM



AirShield
Guarding your coolness in style

AIR-CONDITIONER SMART GUARD



Welcome to Airshield, your premier provider of AC pipeline covers. With a commitment to innovation and quality, we specialize in crafting durable and efficient covers to protect your AC pipelines. Our products are designed to withstand harsh environmental conditions while ensuring professional look + optimal performance and longevity for your infrastructure. Trust Airshield for reliable solutions that enhances your AC efficiency, safeguards pipelines with extending the overall lifespan

Mission:

To deliver exceptional AC pipeline covers that embody innovation, durability, and efficiency, ensuring superior performance and extended longevity for high-value infrastructure.

Vision:

To be the premier choice for discerning consumers seeking unmatched protection for their AC pipelines, renowned for setting industry standards in quality, aesthetics, and environmental resilience..

1. Prolongs the Life of HVAC (Heating, Ventilation& Air-Conditioning) Systems

Customers often assume routine cleaning is sufficient for HVAC maintenance, but protecting exposed wires, insulation, and refrigerant lines is equally essential. Proper insulation prevents refrigerant from warming, which reduces system strain and energy costs. Globally, covering AC pipelines is recognized as a cost-effective way to enhance efficiency, extend system longevity, and maximize home comfort

.2. High Quality PVC material

Unprotected AC pipelines are prone to deterioration and damage, reducing insulation and exposing them to UV harm. This not only affects aesthetics but also decreases efficiency and raises electricity costs. Airshield's Smart Guard pipeline cover, made from high-quality PVC, offers a durable solution by preventing aging and protecting ducts. It also helps deter pests like rats and mice, further reducing potential damage.

3. Universal Application

Airshield products are versatile and suitable for HVAC, VRV systems, architecture, engineering projects, industries, malls, offices, and residential buildings. They provide durable protection for AC Copper pipelines in any environment.

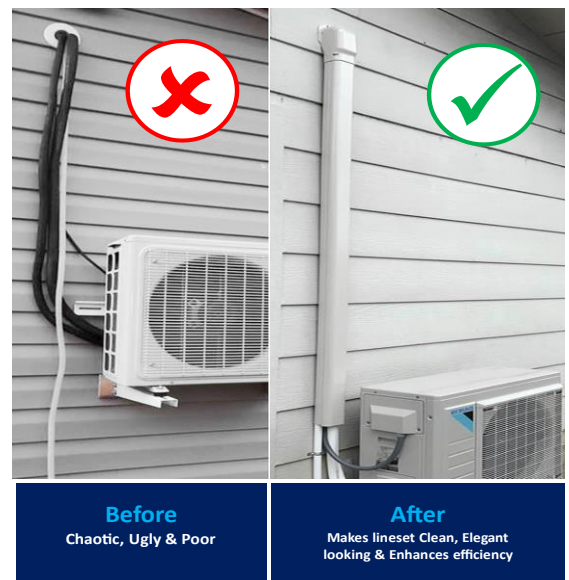
4. Hides Air-conditioner Pipelines

You can eliminate the distraction/poor looking refrigerant pipelines by using the Airshield Smart Guard covers. That's a great benefit to a customer who wants to preserve or improve their aesthetic-appeal of AC wall.

5. For Every Home Design

A messy or unprofessional AC pipeline installation can be both an eyesore and a drag on property value. Airshield covers keep your pipelines and wiring neatly protected, ensuring a sleek, professional look. Plus, they can easily be painted to match your wall, blending seamlessly with your space.

Multi-Benefits of Airshield's AC Pipe Covers



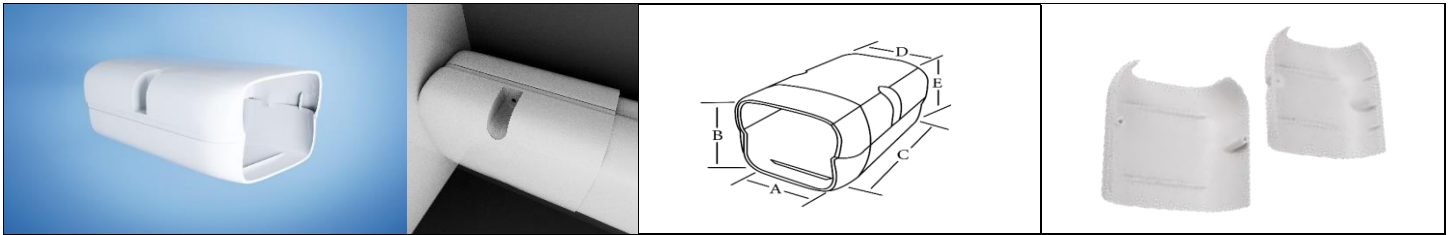
- Smart guard cover helps to maintain heat insulation which ensures overall efficiency of the AC
- Increased efficiency helps to save energy, also it reduces frequency of your AC Servicing. Hence it saves overall maintenance cost
- Fits larger AC pipes, covering up to 4.5 inches in width especially for heavy ton ACs
- Ultra-Durable, Lightweight, Easy to Install, Paintable, Anti-Heat/UV & Weatherproof, made up of High-quality UPVC materials, especially for AC
- Made up of High Quality Original & Fresh PVC granules, ensuring exceptional weather resistance (Rain & Anti-UV).
- Smart Guard cover acts as AC pipeline hider which leads to beautification of your interior/exterior walls

Air-Conditioner Smart Guard Accessories

Residential | Commercials | Projects

(Made from Original PVC of International standard quality.)

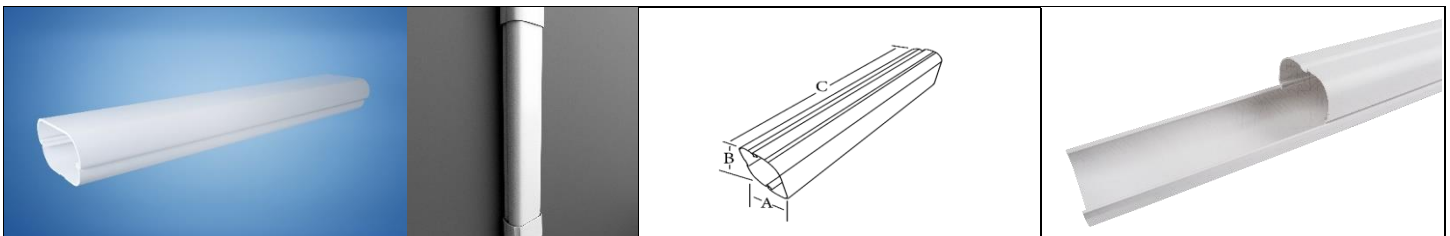
1) Product A - End Cap



End Cap is slightly tilted towards inside which seals the starting/end point of the AC pipeline, as shown in the above

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	2.7	2.7	3.5	3.2	2.7	75.64 g
4.5inch	3.4	2.8	3.5	4.6	3.2	110.94 g

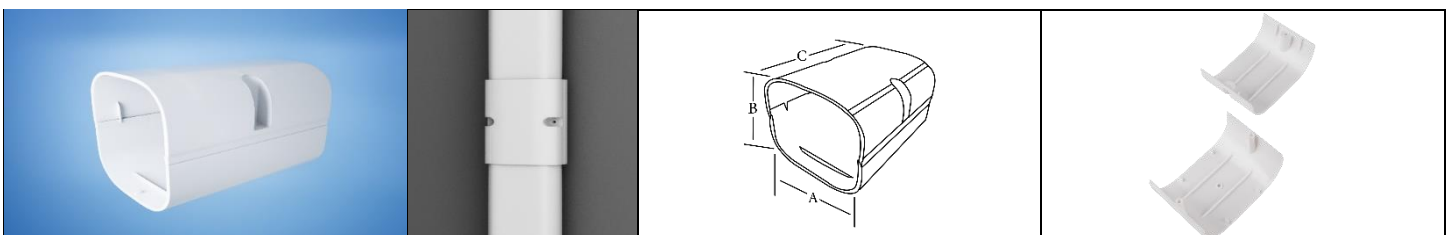
2) Product B – Casing Pipe



Casing Pipe covers the visible AC pipelines as shown in the above image (Available in 1 & 2 meter size)

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3	2.4	39.4	-	-	618 g
4.5inch	4.3	3.1	39.4	-	-	1.180 g

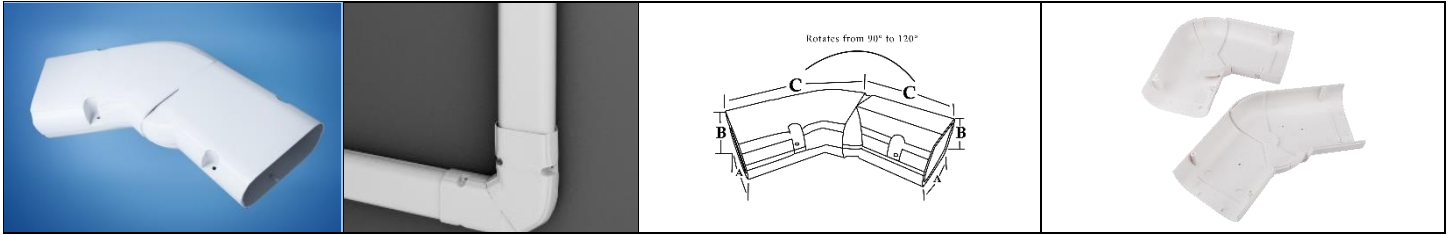
3) Product C - Connector



Connector helps to connect or join 2 different casing pipes altogether, as shown in the above image

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3.2	2.7	3.1	-	-	50 g
4.5inch	4.6	3.2	3.1	-	-	80 g

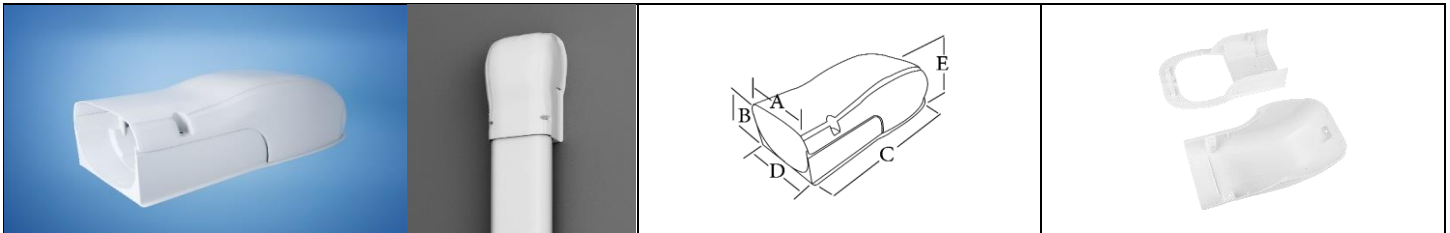
4) Product D - Diversion Elbow 120°



Diversion elbow is capable of moving between 90° to 120°, this enables the smooth diversion (turn) of AC pipelines

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3.2	2.7	6	-	-	168 g
4.5inch	4.6	3.2	13.3	-	-	404 g

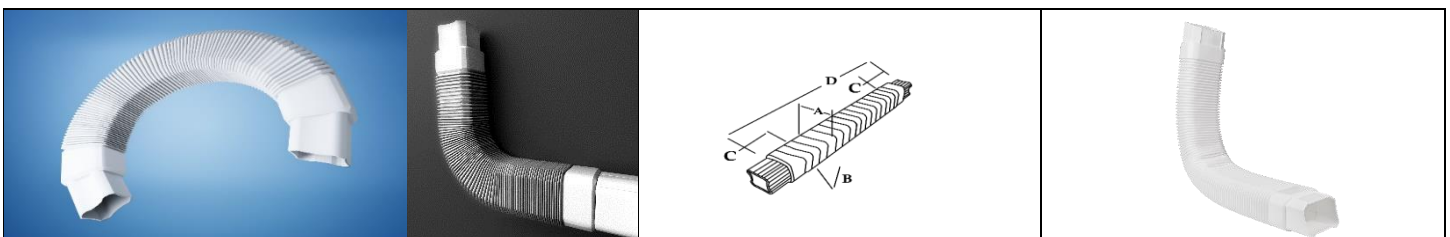
5) Product E - Wall Hole cover



It covers the drilled wall area which is used for passing the pipelines through the walls as shown in the above image

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3.2	2.7	8.3	3.7	3.3	148 g
4.5inch	4.4	3.2	9.6	5.7	3.8	274 g

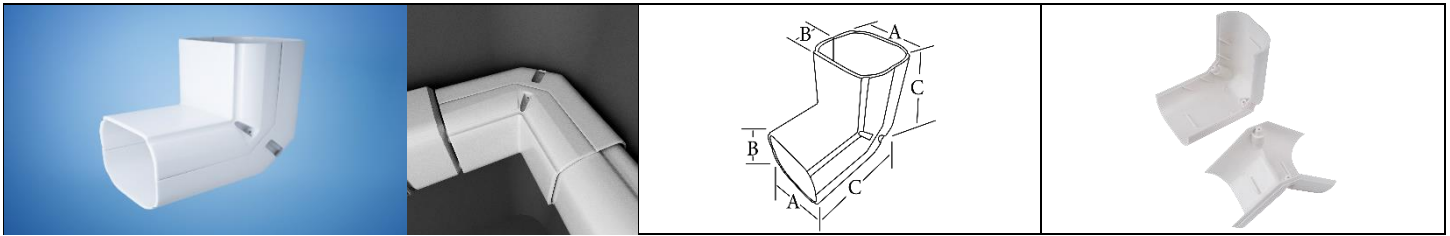
6) Product F - Flexible Pipe




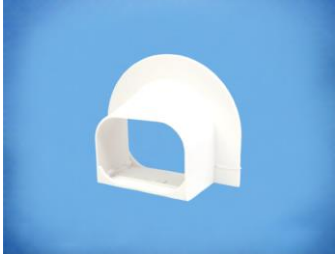

It allows the pipelines to give 360° of flexible movement which is installed at the initial point of the AC Compressor Unit

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3	2.5	2.4	21.7	-	204 g
4.5inch	4.6	2.8	4	31.5	-	480 g

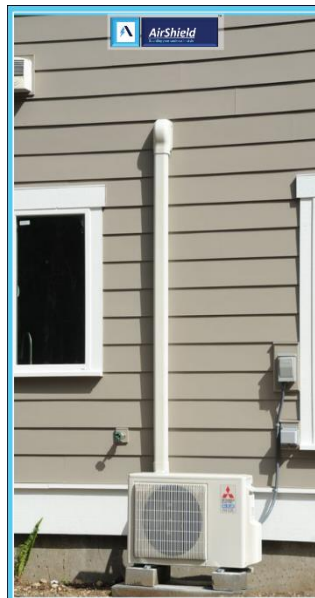
7) Product V – Vertical Elbow



It facilitates vertical passing of pipelines which is installed between the corner of wall joints, as shown in the above image

DIMENSION (mm)						Weight
Width Size	A	B	C	D	E	<u>Grams</u>
3 inch	3.2	2.7	4.9	-	-	126 g
4.5inch	4.6	3.2	5.4	-	-	202g
Other Parts						
						
T-Joint		Wall Cap		Bridge Joint		
It facilitates the horizontal passing of pipelines installed between T-joint connections.(Best for VRV/VRF)		It provides a secure, polished finish for pipelines passing through wall cap installations.		It enables the seamless transition of pipelines across bridge joint connections.		
Weight		Weight		Weight		
<u>Grams</u>		<u>Grams</u>		<u>Grams</u>		
3 inch	214g	110g		110g		
4.5inch	438g					

The Airshield Impact: Appearance after Installation

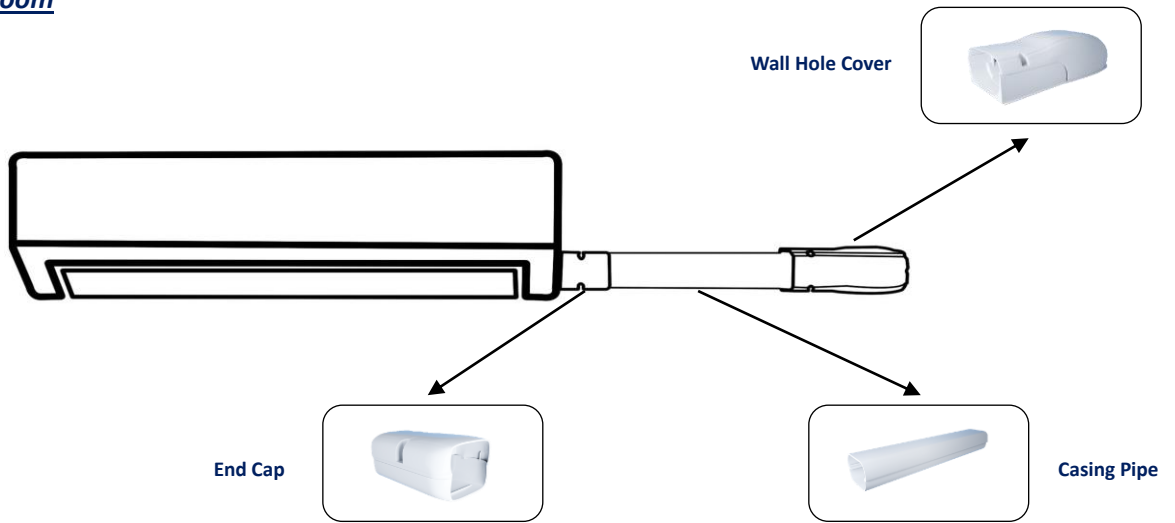


Airshield's Duct covers: The Ultimate Protection & Style for your HVAC systems

Points	AIRSHIELD Multiple Features
High-Quality Fresh UPVC	Airshield Ducts are made up of high Quality Fresh UPVC
Original PVC	Fresh UPVC is the original molecule granules (Unplasticized) and used for the first time for the product's material
Exceptional Properties	Due to Fresh & unused PVC granules, Airshield Ducts possess properties such as Anti-aging, anti-UV, Water Resistant, etc.
Weather Proof	Airshield Ducts don't contain plasticizers which can protect from Heat, Rainfall, and other weather conditions
Designed for HVAC Systems	Airshield Ducts are specially designed for Air conditioners & other HVAC-related ducting
Energy Efficiency	Due to high-quality material, Airshield ducts can enhance the insulation of Air conditioners which leads to energy efficiency
Long-Lasting Durability	Once Airshield Ducts are installed then you don't need to look back again since its long-lasting durability & antiaging properties
Rodent Proof	Airshield AC Covers are rodent-proof. Hence it protects from Rats/Birds and other threats
Unique Feature	The airshield's duct wall hole cover, Diversion elbow & 360° Flexible pipe are key when overcoming installation obstacles.
Easy Installation and Maintenance	Airshield duct parts are easy to install and re-open without damaging the product or AC pipe systems. The casing pipe has a track-slide feature which enables easy assembly and disassembly, ensuring hassle-free maintenance.
Modern and Stylish Design	Airshield's modern & stylish design makes its appearance more appealing, professional, and attractive ideal for complementing architectural aesthetics.
Recommended by Professionals	Airshield's Ducts is highly preferred/recommended by HVAC & Architect professionals to deliver quality work
Universal Application	Airshield's Ducts has a Universal Application such as: <ul style="list-style-type: none"> • Residential or commercial ACs • HVAC or VRV/VRF-related duct panelling • Covering cables of Towers/Bungalows • Duct Panelling work for Offices, Malls etc.
Popular Worldwide	This kind of method is very popular in all overseas countries especially the UK, US, Thailand, Korea & European Countries since there is an awareness of sealing air conditioner pipes which not only protects the AC pipes but also enhances the insulation and provides a professional appearance without damaging the overall look of the structure.

Installation Guide

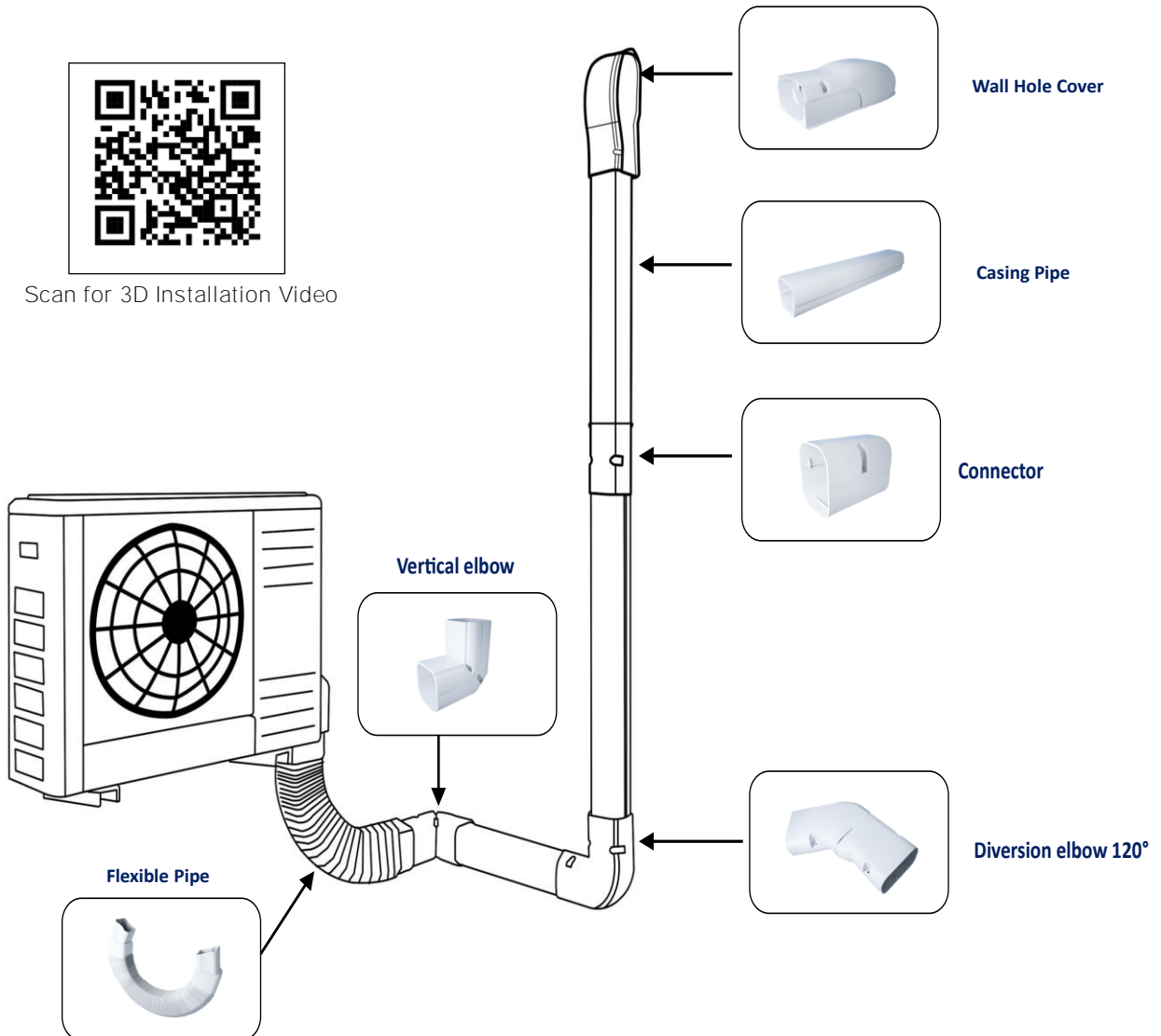
Interior/inside room



Balcony/Outer Area



Scan for 3D Installation Video





Scan for Website



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