

FAQ

Tailored Air Distribution

Question:

Can I use fabric ducting outside?

Answer:

Not generally recommended – but possible in specific scenarios with proper material selection and installation safeguards.

/ Outdoor use as a diffuser

Prihoda offers outdoor-grade fabric nozzles for cooling open-air dining and communal areas in warm climates. These diffusers deliver targeted airflow through small textile nozzles, overcoming natural outdoor air movement to maintain occupant comfort.

/ Outdoor duct runs versus metal systems

Replacing metal ductwork outdoors requires consideration of UV exposure, wind loads, and system inflation. Long term sunlight can degrade standard polyester weaves, and wind can deflate unpressurized sections, risking contact with other services or mechanical wear. Secure mounting and UV resistant coatings help mitigate these challenges.

/ Airport and industrial outdoor applications

For specialized uses– such as aircraft pre cooling – Prihoda manufactures robust, PVC coated fabric ducts with integrated insulation and Velcro cable supports. These bespoke systems withstand extreme weather, protect supply air temperatures, and allow combined airflow and cable routing. Custom materials and finishes are available to suit varied outdoor requirements.

Key terms:

outdoor diffuser, UV resistance, wind load, inflation pressure, PVC coating, insulated duct, airport cooling, cable support, weatherproof, custom fabrication



for more information on outdoor applications and real project examples please visit our [Applications page](#) or contact us via info@prihoda.com



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