

AEOLUS-21™

AUTOMATIC HOSE RETRIEVER FOR POINT-OF-USE
PRECONDITIONED AIR (PCA)



THE MOST INNOVATIVE, SAFE, SIMPLE AND FAST
WAY TO SUPPLY PRECONDITIONED AIR
TO A STATIONED AIRCRAFT

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AUTOMATIC HOSE RETRIEVER FOR POINT-OF-USE PRECONDITIONED AIR (PCA)



The AEOLUS-21™ handles 100 feet of 14" I.D. of preconditioned air ducting and is designed for automated handling of air hoses packed inside the unit mounted alongside the Passenger Boarding Bridge.

The AEOLUS-21™ permits connection to a Point-Of-Use PCA unit to supply continuous, clean preconditioned air directly to stationed aircraft. No extra accessories, like hose baskets under the boarding bridge, are needed.

The air ducting is stored inside the device, providing improved safety handling and a cleaner and faster service.

THE ADVANTAGES OF THE AEOLUS-21™

- Capacity to store the full length of the air ducting inside the telescopic duct, protecting the hoses from external environmental exposure, leading to longer lifetime and reduced maintenance costs
- Permits the deployment of the exact length of hose needed for each operation, using the least amount of tarmac space possible
- Designed for ergonomic and effortless handling of the hoses by only one person, making the service faster and safer
- Adaptable with CONSUS-S1 Auxiliary Hose Trolley to provide pre-conditioned air for longer distances, if necessary
- Adaptable with CONSUS-D2 Auxiliary Hose Trolley for the delivery of preconditioned air to JUMBO aircrafts with two PCA inlet connectors

TECHNICAL SPECIFICATIONS

Finishing	Resin and polished filament winding fibre finish, built to the highest quality standards
Materials	Absolutely stainless, designed to maintain integrity despite heavy use
Dimensions	The duct will fit any passenger boarding bridge available on the market

AIR DUCTING STORED INSIDE

The air hoses are packed inside the device for proper handling and are fully compatible with any hose brand available on the market

DUCT OPEN OUTLET

To help the extraction and retrieving operations of the air hoses

AIR DUCTING CONNECTED TO AIRCRAFT

Permits the deployment of the exact length of hose needed for each operation, using the least amount of tarmac space possible

DRIVE MOTORS

For extraction and retrieving operations

SAFETY AND SECURITY SENSORS FOR INTELLIGENT CONTROL

Automatically stops retrieval operation when needed

SENSORS FOR INTELLIGENT CONTROL

Installed alongside the open outlet to better determine the air ducting position during operation

EXTRACTION DRIVE MOTOR

RETRIEVAL DRIVE MOTOR

TEAM's AEOLUS-21™, mounted alongside the passenger boarding bridge.

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