

# Our Product Range

We specialise in innovative design and installation of Air Knife Systems, customised to meet the specific needs of our clients.

# SolvAir



Air Knife System Overview

## Air Knife Systems

Air Knife Systems provide highly effective energy efficient drying, blow-off and cleaning for a wide variety of applications.

SolvAir supply, design, install and maintain a wide range of Air Knives, Air Manifolds and Nozzles that produce airstreams to fit a wide range of products sizes, shapes and line configurations.

Our Air Systems are engineered for a variety of industrial applications. By combining the latest centrifugal blowers with custom engineered air delivery devices, we ensure our Air Systems always perform to the highest standards.



## Air Knives & Nozzle Manifolds

Our flexible and bespoke configurations of Air Knives and Nozzle Manifolds provide high performance drying, blow-off and cleaning for applications at a low cost. Our aluminium model Air Knives with adjustable continuous slot design provides total uniform blanket coverage whilst our Nozzle Manifolds provide targeted blow-off, resulting in increased production and more effective cleaning and drying. We also offer unique customisations specific to your requirements.



## Blowers

Our blowers ensure enhanced performance and energy efficiency. Including variable output, auto-tension belt drives, super precision bearings, excellent life span - plus our industry-leading three year warranty.



## Circular Air Knives

Circular Air Knives provide effective and efficient cleaning and drying for 360 applications. Built from 316 stainless steel for long life, SolvAir's continuous, variable slot design results in zero dead-spots.



## System Enclosures

SolvAir provides custom-designed system enclosures for each application, ensuring maximum effectiveness. Our acoustically lined, enclosed units offer a quieter, safer working environment with increased blower reliability.

SolvAir provide advice, design, supply, installation, maintenance and after-sales support for a wide range of customised products, ensuring results at every stage of the process.

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## Electrical Controls

We supply easy-to-use and water resistant VFD electrical controls that give you optimised blower performance and total control for increased energy savings.

## Conveyors

Fully optimised for better drainage, SolvAir's integrated wire mesh conveyors offer quick and easy installation as well as increasing flexibility in your production line unit.

## Aria-Pak

SolvAir's Aria-Pak is ideal for smaller applications. With an impressively compact footprint, this is a powerful, low-cost, energy efficient maintenance-free all-in-one system.

## Blower Enclosures

SolvAir blower enclosures offer increased reliability, dust-proofing and a longer blower life. Sealed acoustically-lined folded steel provides a quiet, safe working environment.



## Ionized Air Systems

SolvAir's innovatively designed Ionized Air Systems dramatically reduce your energy usage and environmental impact. Our two Stage HEPA filter and sealed-for-life blower bearings provide clean, oil free output and zero contamination of the product. Through dissipating static charges in a powerful airstream, SolvAir Ionized Air Systems remove dirt, dust and contaminants that commonly adhere to surfaces.



## Eco-Blow

SolvAir Eco-Blow systems are compact and easy to install onto your existing lines. With Twin Air Blades and a 4kW High Speed Energy Efficient Blower our pre-configured package provides enhanced water removal for low volume bottle and can production facilities - with rates in excess of 3000 per hour. Integrated inverter speed controller and pre-configured design gives total performance and energy usage control.

For more information on our product range and Engineered Air Solutions please contact us.