

IonRinse™



Product Code: IonRinse™

The IonRinse system combines powerful AC ionisation, a custom designed airflow distributor and high quality inline filtration to provide the ultimate in ionised air rinsing.

The high velocity ionised air exits the IonRinse head unit via the airflow distributor. The control of the airflow coupled with the neutralisation of static charges releases contamination from the container which is extracted to the inline filter unit. The blow and vacuum airflows are provided by the central blow, vacuum and filtration unit.

Cleaning performance is maximised with the container fully inverted (opening facing down) as it travels over the IonRinse head.

The video below, courtesy of [Traktech SLL](#), demonstrates how effective IonRinse is when removing flour from a container.

Features

Benefits

Improved cleaning quality	Low maintenance
No water costs	Low running cost
Fully integrated control system	Easy to maintain and use
Very compact	Easy to install
Easy integration into existing blower in feed formats	Easy to install
Minimal maintenance requirements	Easy to maintain
No chemical costs	Low running cost
No compressed air costs	Low running cost
No water/chemical residue	Easily kept clean
No effluent costs	Low running cost

Technical Characteristics

Stainless steel construction	High quality and suitable for use in washdown environments
Teflon air distributor	Customised to suit the container and line speed to ensure maximum performance. Teflon material allows the container to run in contact with the surface
Twin AC ionising bars	Built in redundancy with stand alone 'primary' and 'reserve' ionisation systems
Large plenums	Help ensure even airflows along both the air distribution and vacuum slots
Constant vacuum along length	Designed to catch the maximum level of removed contamination
Drop down access panel	Easy maintenance; the ionising bars drop out of the head unit mounted to the access panel
Selectable handing	The air inlet and vacuum ducts can be connected at either end of the head unit to suit the installation space available
Single phase 90-250V AC, 50/60Hz electrical supply	Ease of installation irrespective of available voltage to frequency
Variable flow control	Performance can be optimised to suit the process
HEPA and bag filtration	Excellent level of filtration; 6m2 of E13 media efficient to 99.99% at 0.3 micron and 6m2 F8 media efficient to 90 - 95% at 0.4 micron
Contacts for auto start/stop	Can be linked to run with the line giving further energy savings
Wall or floor mounts	Can suit all installation areas
Houses ionisation power supplies	Ease of installation
Contacts for filter condition status	Filter status can be linked to line monitoring system
LED displays for ionisation status	Allows ease of monitoring