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a coesia company

Mounting instruction CIP Units

WLNWX A222 CIP
WLNWX A273 CIP
WLNWX A374 CIP
WLNWX A526 CIP
WLNWX A678 CIP
WLNWX B374 CIP
WLNWX B526 CIP
WLNWX B678 CIP

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Residual risks must be eliminated or sufficiently reduced so that essential health and safety requirements are fulfilled before the machine is put into service or placed on the market.

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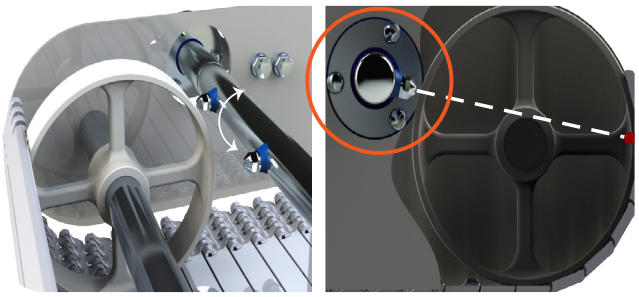
Mounting

1 Loosen the three M6 bolts on both brackets to enable adjustment of the spraying direction of the upper spray bar.

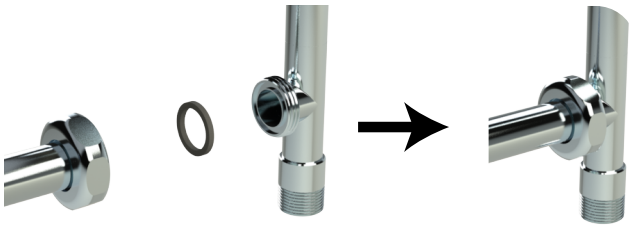
Ideally, point the nozzles directly to the internal end of the belt. Alternately, select any other point on the turning belt where a small gap between the belt modules is present.

When a satisfactory direction is achieved, tighten the bolts with a torque of 8.6 Nm or until the top spray bar cannot be rotated by hand.

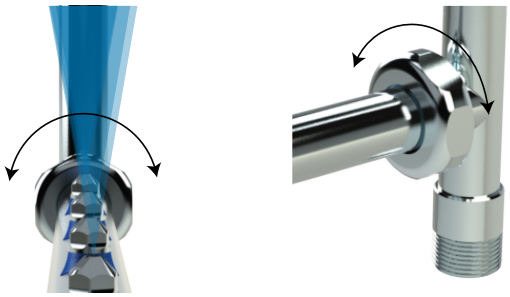


2 Insert the gasket and mount the lower spray bar. Rotate the lower spray bar, so the spraying direction is perpendicular to the belt surface.

If any objects obstruct the path, select the nearest clear path to the belt surface.



3 Tighten the nut on the lower spray bar in order to fasten and secure the angular position.



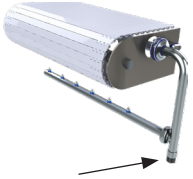
4 The Hygienic CIP Unit is now mounted to the conveyor frame and is ready to be connected to the water supply.
The inlet connection is
1” male BSPP thread.

Note Ensure that the nozzles are identically angled to ensure cleaning of the entire belt.

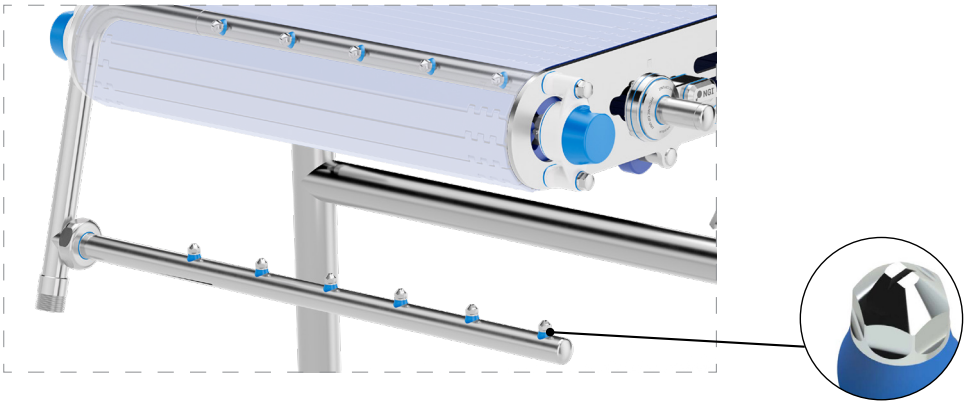
It is important to follow these instructions in order to ensure the hygienic design and functionality.

Connect

The connector is type 1” BSPT.
Connect water and detergent here.

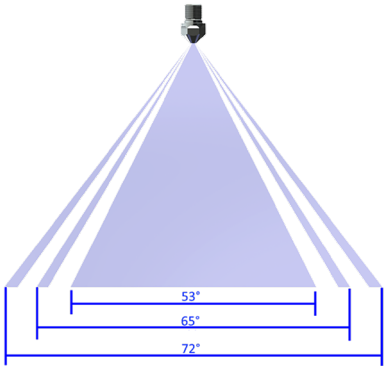


Data for nozzles on CIP Unit

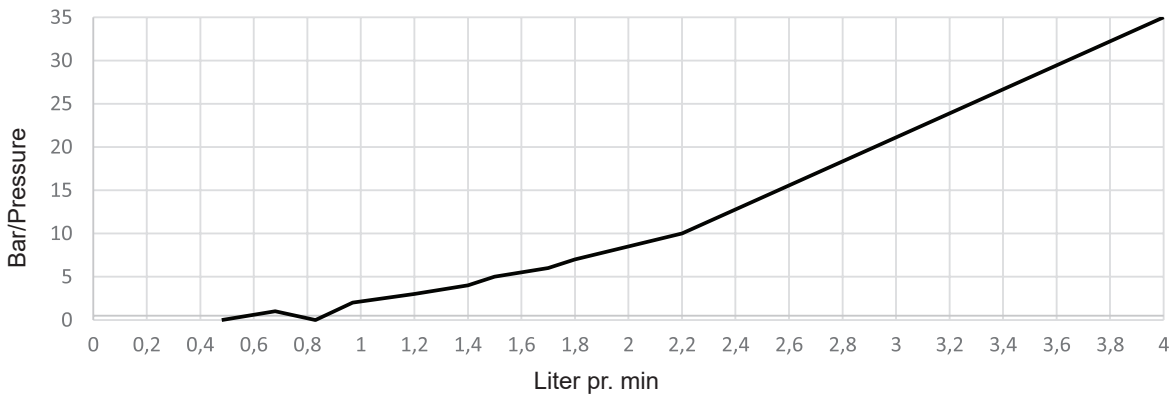


Data for nozzles:
Material: 316L
Surface treatment: Electropolished
Water outlet diameter: 1.1mm
Spray angel: 53°,65°,72°
Thread: G1/8

Functionality spray angle:
[0.5 - 1.5 Bar] = 53°
[1.5 - 6.0 Bar] = 65°
[6.0 – 35 Bar] = 72°



Pressure/Nozzle Flow:



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Cleaning

1. Rinse with water (maximum temperature ~40°C on proteins).
2. Distribute and cover all surfaces with foaming alkaline detergent for minimum 10 minutes. All standard products within the industry can be used. Follow supplier recommendations for temperature (maximum 100°C) and concentration depending on foaming detergent.
3. Rinse with hot water (maximum 100°C) with low-medium pressure (approximately 8-12 bar) until it is visibly clean. Be careful not to damage the sealings if high pressure cleaning is used. Keep nozzle at minimum 200-300 mm distance.
4. Mechanical cleaning may be necessary if the CIP Unit is severely soiled. Cleaning must be performed with a soft brush or soft plastic scraper together with a more direct pointing nozzle spray. Steel scraper, steel brush or other sharp metallic tools are **strictly prohibited**, since the sealings can be severely damaged and the steel surfaces will be scratched.

Maintenance

When needed, clean the nozzles with a brush.

Spare parts

Contact FlexLink for information.

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