

HBE Atomizer & Cartridge System

For spraying HBE 3:1 (1000mL) and Liquid Epoxy Types 4:1 (940mL)

The Canusa Atomizer Gun is an advanced pneumatic dispenser designed to spray apply Canusa's two-component HBE for standalone corrosion protection systems, and/or Liquid Epoxy Types for 3-layer corrosion protection systems. The gun is capable of applying Canusa's liquid coatings faster, easier, with less clean up, with less applicator error and with minimal equipment maintenance vs. conventional brush and spray install methods. The HBE Atomizer and Cartridge System allow applicators to produce a coating thickness that is both consistent and repeatable.

The system design is made up of the following componentry: Canusa Atomizer Gun, Atomizer Cartridge, and Mixing Tip Nozzle (straight and 90° angle mixing tips available). Uses include coating mainline pipelines, rehabilitation projects, girth weld field joints, damage repairs to FBE, and pipeline valves, fittings or bends.

Faster Application Times

- Using the HBE Atomizer and Cartridge System, Canusa's Liquid Epoxy products can be applied to large diameter girth weld field joints at high build thicknesses in less than 30 seconds.

Automated Epoxy Mixing

- The pre-measured quantities of epoxy in the Atomizer Cartridge are automatically mixed in the chamber of the static Mixing Tip prior to spraying.

Easy, Controlled and Repeatable

- The atomized liquid is applied onto the substrate surface with controlled fluid flow and air flow pressures yielding a consistent output volume from the gun. The apparatus is also lightweight and portable.

No Clean Up

- Once the cartridge is empty, simply replace with a filled cartridge and continue spraying.

High Build in Single Coat

- A single pass application direct-to-metal can achieve a high build coating thickness of 20-40mils (500-1000microns).



Applications



Oil & Gas



3-Layer Systems



Water Pipelines



Repair & Rehab



Girth-Weld Joints



Fittings & Bends



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Required System Components

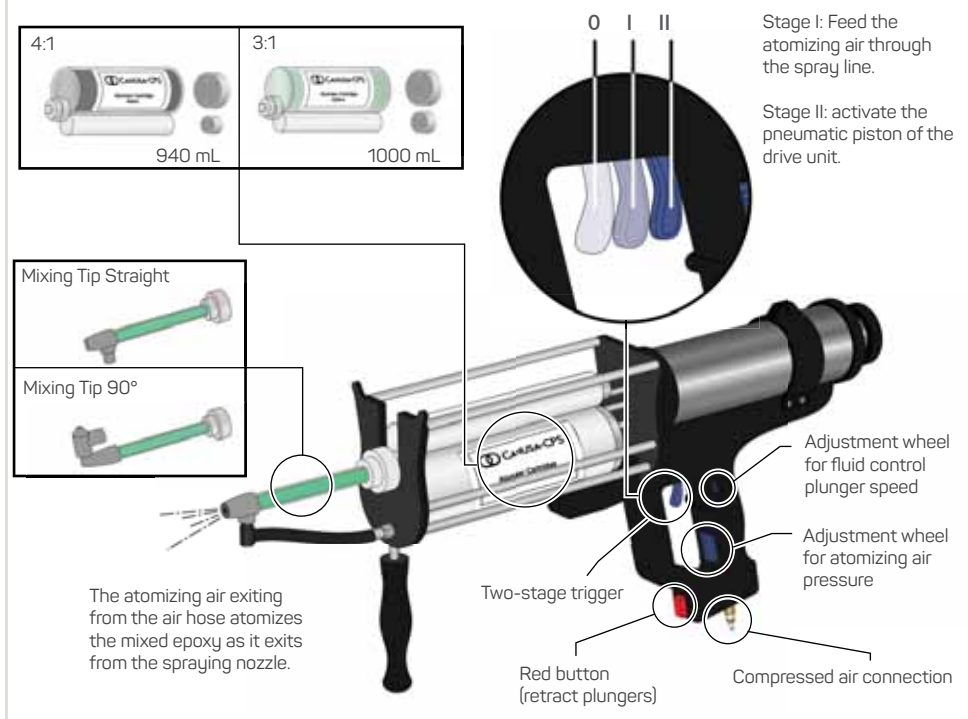
		
Atomizer Gun	Atomizer Cartridge	Mixing Tip Nozzle

Cartridge Configurations

HBE Atomizer Cartridge (3:1) 1000mL – Standalone Corrosion Protection

Liquid Epoxy Type Atomizer Cartridge (4:1) 940mL – 3 Layer Corrosion Protection

Overview of Dispenser



4:1 940 mL **3:1** 1000 mL

Mixing Tip Straight
Mixing Tip 90°

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Stage I: Feed the atomizing air through the spray line.

Stage II: activate the pneumatic piston of the drive unit.

Adjustment wheel for fluid control plunger speed

Adjustment wheel for atomizing air pressure

Two-stage trigger

Red button (retract plungers)

Compressed air connection

The atomizing air exiting from the air hose atomizes the mixed epoxy as it exits from the spraying nozzle.

Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.



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Quality Management system registered to ISO 9001

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

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