



Glazing Spray System

A system to spray a glazing agent accurately

In using the PWM technology this system allows to reduce significantly the consumption of egg wash or its substitutes. Using no atomizing air, the hydraulic spray avoids mist. Based on a closed loop circuit, the system delivers the glazing liquid at constant temperature, guarantees the homogeneity of the product and is easy to clean. Connected to a chilled tank, this system can be run continuously several shifts without the necessity to stop production.

The system is CE and Food contact certified.

Specifications

Electricity: 400 V tri – 50hz – 1,5 KW

2250 + controller

2 recipes

Alarm on pressure, temperature, pump, no liquid

Minimum ambient temperature 5°C

Maximum ambient temperature 40°C

Benefits

- PWM Technology
- Significant reduction of over spray
- Accurate dosage system
- To be connected to chilled storage tank
- Temperature controlled
- Hygienic design
- 1935/2004 certified
- Quick Return On Investment



Typical Applications



Food Industry

How PWM Flow Control Can Improve Your Productivity

Increased productivity

High speed cycling – up to 10,000 cycles per minute – means faster line speeds and a boost in throughput.

Eliminate waste of costly fluids

Accurate spray placement and exceptional spray pattern integrity ensure the sprayed solution is delivered to the target with minimal waste.

Improved worker safety

Reducing or eliminating misting and overspray greatly improves the work environment, especially where slippery or toxic liquids are sprayed.

More flexibility without having to change spray tips

High turndown ratio allows a wide range of flow rates from spray tips. Downtime for tip changeout and overall nozzle expense can be reduced.

Smooth integration to most work environments

A compact design enables PulsaJet® nozzles to be added to most production areas without costly reconfiguration.

Choice of hydraulic or air atomizing versions

Choose the right atomization method for your application with the same high speed cycling. Hydraulic PulsaJet nozzles can often be used to reduce misting in many applications that previously required air atomizing nozzles.

Reduced maintenance time caused by clogged tips

PulsaJet nozzles operate at low flow rates using clog-resistant larger spray tips resulting in a reduction in maintenance downtime.

Faster routine maintenance

Wear parts are easily accessible to minimize maintenance time.

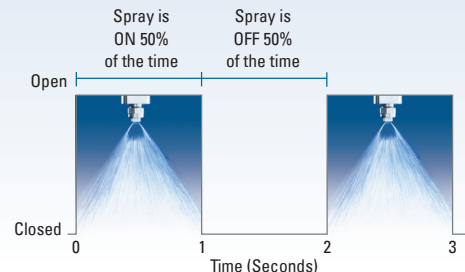


The Benefits of Pulse Width Modulated (PWM) Flow Control

By cycling the spray nozzle quickly at a controlled frequency while adjusting the duty cycle, very precise flow rates are maintained. For a duty cycle of 50%, the nozzle is spraying half the time and the flow will be theoretically 50% of the maximum flow rate at a given pressure for the nozzle.

Using PWM Flow Control:

- Relatively low flow rates can be generated with larger, clog-resistant spray tips
- Overspray is minimized
- Chemical consumption can be reduced
- Extremely high flow turndown ratios can be achieved at a single pressure



Our PulsaJet guns follow the
FOOD CONTACT EC norm 1935/2004



Spraying Systems Co.®
Experts in Spray Technology



Spray
Nozzles



Spray
Control



Spray
Analysis



Spray
Fabrication

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