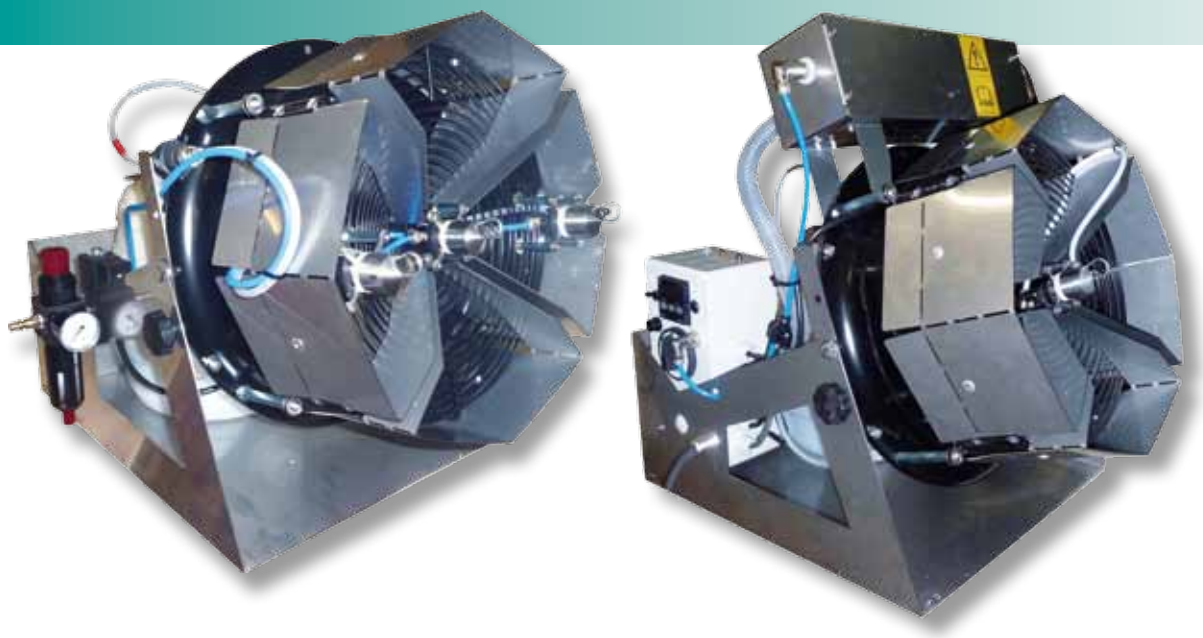
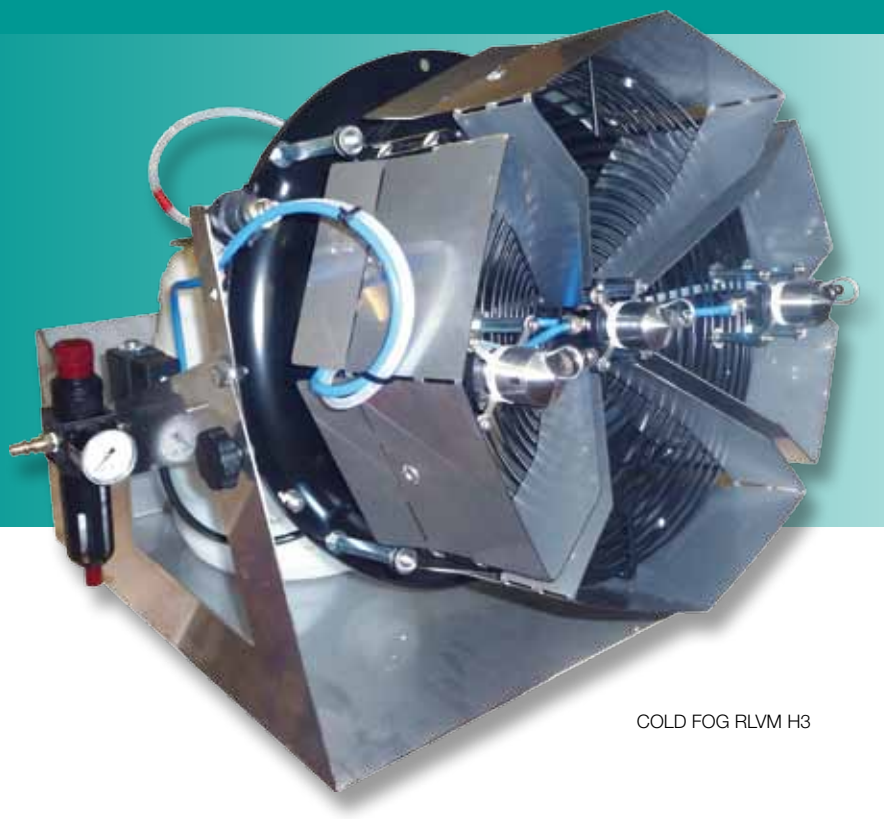
The specialist RLUM spray technique!



Besteman Techno Support

Potato Cold Fog Resonator LUM H1-H2 and H3



COLD FOG RLVM H3

- ✓ The finest cold mist
- ✓ A large capacity
- ✓ Minimal use compressed air

Information:

Potato Coldfog H1 H2 H3

Power supply: 220/230 volts
Air effective: H1 - 5,5 bar at 75 ltr/min
H2 - 5,5 bar at 150 ltr/min
H3 - 5,5 bar at 225 ltr/min
Liquid: 2 liter per hour each sprayer
Power consumption: 120 Watts
Fan diameter: 30 cm
Max. air: 85 m^3/min

Advantages Cold Fog Resonator LVM

- Simple operation
- Improved distribution through a mist blower
- Shorter treatment time increased capacity.
- Optimal operation by using fast transfer fluid in the space
- Due to the fineness of the spray liquid penetrates evenly into the product
- No combustion gases
- No CO^2
- No wet product
- Increased density of particles of active ingredient per 1 m^3
- Smoother surface liquid distribution means the product
- Product will have more time to attract particles towards him by a minimum weight of the particles
- Filtering solution for nebulization
- Capacity of up to 6 liters (H3) per hour
- Up to about 1000 tons of potatoes with a device to treat

LVM Resonator Considerations

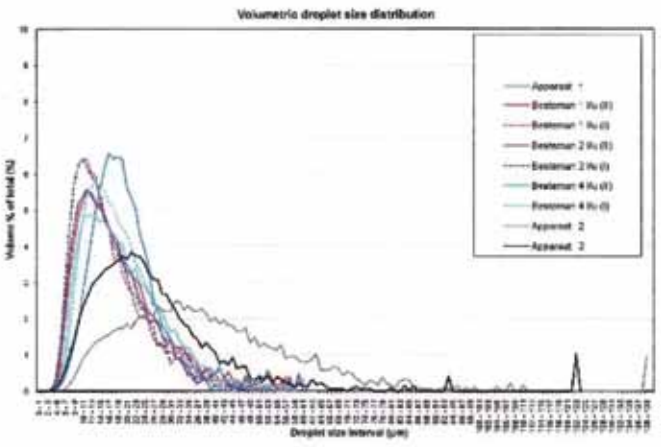
- Well functioning compressor
- Resonator for use Checking
- Good adjustment of air / liquid delivery

To improve smoothness of the nebula is one of the recommendations to ensure a good input / outcome of anti-sprouting in the potato store to come. Also, the fan from the RLVM ensure a good distribution of the spray to the treated area. A slowly rotating fan with a large capacity to ensure adequate mixing of fog in the space of the potato cold store or - barn. The RLVM is also an arrangement to be fixed with liquid transport from another room. The system depends on the liquid that you want to use.

The droplet size depends on the amount of liquid per hour. At 5,5 bar work pressure the average volume of the drops are 1 to 8 microns. The number of particles per square centimeter will therefore be higher. This causes the product more enclosed, with the result: easier and faster absorption by the product.

Droplet Spectrum measurement prototype, ColdFog Resonator LVM.

In the graph, the dotted line at 37 ° C liquid atomization.
And the continuous line 20 ºC liquid (but 17 °C difference).
fluid temperature difference going.



Hotfog Resonator LVM A1

- ✓ **The finest hot mist**
- ✓ **A large capacity**
- ✓ **Minimal use compressed air**
- ✓ **Heating Air 450 °C**
- ✓ **Heating liquid ≥ 100 °C**

Information:

Power supply: 220/230 volts
Air: 4.5 bar at 65 ltr/min
Liquid Heating min: 80 a 120 °C 3 liter per hour
Air heating: 450 °C max
Power consumption: 650 Watts
Fan diameter: 30 cm
Max. air: 85 m^3/min

Advantages Hot Fog Resonator LVM

- Simple operation
- Temperature air and water heating can be set
- The Resonator is only mist when it reaches the desired temperature is
- Improved distribution through a mist blower
- 20 to 25% more than a fine spray mist of cold
- Shorter treatment time increased capacity.
- Optimal operation by using fast transfer fluid in the space
- Due to the fineness of the spray liquid penetrates evenly into the product
- No combustion gases
- No CO^2
- No wet product
- Increased density of particles of active ingredient per 1 m^3
- Smoother surface liquid distribution means the product
- Product will have more time to attract particles towards him by a minimum weight of the particles
- Filtering solution for nebulization
- Capacity of up to 3 liters per hour
- Up to about 1000 tons of potatoes with a device to treat

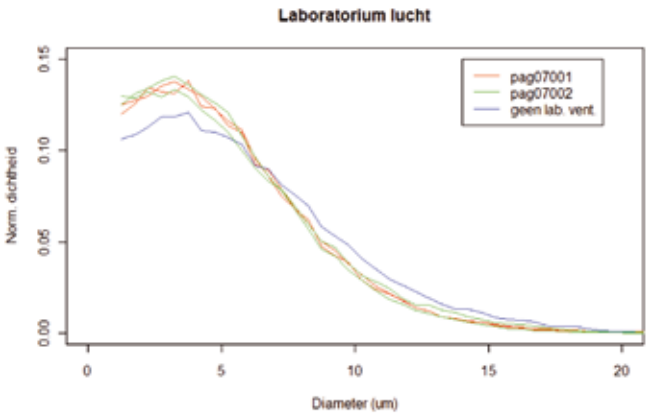
LVM Resonator Considerations

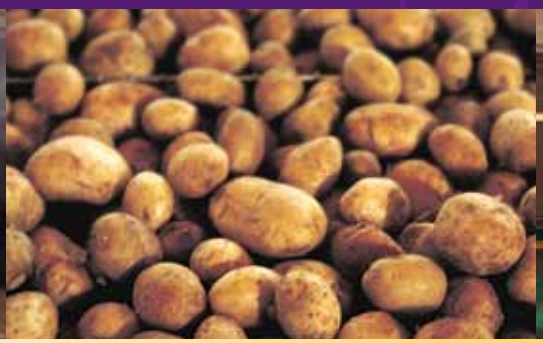
- Well functioning compressor
- Resonator for use Checking
- Good adjustment of air / liquid delivery

To improve smoothness of the nebula is one of the recommendations to ensure a good input / outcome of anti-sprouting in the potato store to come. Also, the fan RLVM ensure a good distribution of the spray to the treated area. The heating of air and liquid creates a continuous spray fineness of which the distribution of resources within the potato store will run smoother. Also, the heating fluid to 80 to 120 °C heating (adjustable). At the nozzle, the hot air melt the crystals. The heater also provides a 20 to 25% better evaporation of resources. A slowly rotating fan with a large capacity to ensure adequate mixing of fog in the space of the potato cold store or - barn.

The droplet size depends on the amount of liquid per hour. At 4.5 bar the maximum volume of the drops 1 to 8 microns. The number of particles per square centimeter will therefore be higher. This causes the product more enclosed, with the result: easier and faster absorption by the product.

Droplet Spectrum, Hotfog Resonator LVM A1

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