



---

## Box Snowing System

---



*Entrance With Control Panel*



*Rear Clean-Out Door Open*

### **Snow Application System**

The use of CO<sub>2</sub> snow substantially minimizes bacterial growth while reducing shipping weight and greatly retarding product degradation. Linde's high-performance carbon dioxide snow applicator is specially designed for packaging food products in boxes, hand-carry totes and other small carton containers. It is best suited to processes where temperature maintenance is critical to product quality. Linde's box snowing application system:

- Handles a variety of carton sizes
- Provides a maximum production rate in excess of four cartons per minute
- Deposits ten or less pounds of standard designs carbon dioxide (CO<sub>2</sub>) snow per container

### **How the Fully Automatic Application System Works**

The Linde snow application system dispenses a predetermined amount of CO<sub>2</sub> snow into a prepacked shipping carton. Cartons enter the machine, receive the deposit of CO<sub>2</sub> snow and are discharged without operator involvement. Cycle times are adjustable, as is the amount of CO<sub>2</sub> deposition per carton. A bottom exhaust system with an enclosed cabinet captures and removes residual CO<sub>2</sub> vapor from the work environment.

### **A Wealth of Experience and Support**

When you choose Linde, you're selecting more than the largest supplier of industrial gases in North and South America. You're also selecting a support team that includes:

- Experienced, HACCP-certified food scientists and engineers
  - A complete array of services, including on-site evaluation, experimental testing, installation layout and start-up support
  - A food technology center featuring production-scale equipment and an analytical laboratory, as well as capabilities to recommend packaging and microbiological systems. It's everything you need to address safety, improve quality and maintain consistency of your products.
-

- Features**
- Average operating rate is approximately 275 cartons/hour
  - CO<sub>2</sub> temperature (dry ice): -109°F
  - Maximum carton size: 14”H X 24”W, and up to 32” in length
  - Snow horns custom-selected from standard designs
  - Electrical: 120 VAC, 1ph, 60 Hz, 15 Amp.
  - Baldor/Eurodrive (1 hp). conveyer drive, conveyer belt made of polyethylene
  - Cabinet, mechanisms and support structure are all stainless steel. USDA-accepted design.
  - Either right- of left-handed entrance
  - Crated for shipment; 600 lbs.

- Benefits**
- Increases hourly production rates
  - Reduces snow loss outside of carton
  - Quick chilling with CO<sub>2</sub> reduces drip loss resulting in increased yield
  - Integrates easily into existing production lines
  - Easy to operate, maintain and clean

**Contact Linde Today** A reliable carbon dioxide supply, advanced technology, in-depth technical experience and custom-engineered systems. We have it all. See for yourself why we are the leader in CO<sub>2</sub> supply and technology for snow application. For more information about this technology, call us at **1.844.44LINDE** or visit our website at [www.lindefood.com](http://www.lindefood.com)