

COLDZERO™

DRY ICE

FROM
**CENTRAL
McGOWAN**

*SUPERIOR COLD TECHNOLOGY FOR INDUSTRIAL BLASTING/CLEANING WITH ZERO RESIDUE.
IT DOES THE JOB AND THEN IT'S GONE. ZERO WASTE. ZERO WATER. ZERO WAIT.*

**MADE FRESH DAILY
TO ORDER**

Local Supply

**Convenient
Delivery & Pickup**

**From a Trusted
Gas Expert**

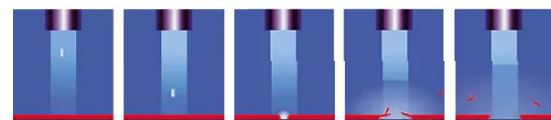
Newest Technology

**Highest Density
Rice Available**

ColdZERO is manufactured by Central McGowan—a leading supplier of industrial, welding, medical, and food & beverage gases since 1947.

- ☑ Made using **the newest dry ice technology from Cold Jet®**, a leading supplier of high-capacity dry ice production equipment for **the highest density** dry ice rice available.
- ☑ **Superior** to sand, soda, water, solvents/chemicals, or power/hand tools in terms of cleaning performance, efficacy, efficiency and ease of use.
- ☑ **Far more cooling** power than water ice pound for pound.
- ☑ **Locally made daily to order** for maximum freshness, shelf life and cooling/cleaning power.
- ☑ For orders of 500-lbs. and larger, we offer:
 - **Same-Day Delivery & Pickup** available
 - **Delivery in Reusable, Rolling Insulated Totes** for easy pickup and transport, lined with plastic to ensure purity)
 - **Volume-based Pricing** for greater value
- ☑ Orders <500-lbs.:
 - **Can be Ordered by the Pound** for pick up at any of our distribution locations or retail stores for \$1.50/lb.
 - **Shipping Boxes** (13" x 13") available for purchase

**Totes hold up to 500 lbs. and
measure 27" D x 42 1/4" W x 40 1/4" T.**



Available in Standard & Custom Forms to Fit Your Application

MORE

BLOCKS

NUGGETS

RICE

CUT TO ORDER IN VARIABLE SIZES & TYPES (Bricks, Slices, Slabs)
Part #: CDI BLOCK

APPROX. 5/8-INCH PIECES
Part #: CDI NUGGET

APPROX. 1/8-INCH PIECES
Part #: CDI RICE

Why DRY ICE for blasting & cleaning?

- **More effective, quicker clean** for fewer cleaning cycles, longer runtimes, less downtime.
- **No disassembly/reassembly** so machines can be cleaned in place, and while “hot.”
- **Non-abrasive, nonflammable and nonconductive** so it's safe for most substrates, electrical components and delicate/intricate devices.
- **Works in tight spaces** better than other methods.
- **No harsh chemicals or residues** for longer mold and equipment life.
- **Non-toxic, non-hazardous remediation and prevention** of mold and bacteria growth.
- **Approved for many applications** by the EPA, USDA & FDA (the grade of CO₂ used for industrial blasting is same as that used in the food and beverage industry).
- **Carbon-neutral** because the CO₂ used is a by-product of other manufacturing processes.
- **Greater operator safety/efficiency**—no chemicals or grit media.
- **No water, residue or secondary waste** for quicker clean-up.



Applications

The applications for dry ice for industrial/commercial cleaning and blasting are nearly endless.

- **RESTORATION/REMEDICATION:** Mold Remediation, Fire Restoration, Historic Preservation, Nuclear Decommissioning
- **FACILITY/PLANT MAINTENANCE:** Walls & Floors, Electric Motors & Generators; Tanks & Vessels; Production Equipment (Molding & Pulp/Paper Equipment, Print Presses, Welders, etc.)
- **COMMERCIAL CLEANING:** Buildings, Exteriors/Interiors, Hospitals/Nursing Homes, Hotels, Ship Hulls, Aircraft, Residential, Car Interiors
- **SURFACE PREPARATION/REMOVAL:** Asphalt, Concrete, Brick, Tile Preparation; Paint (even Graffiti), Oil, Grease, Asphalt, Tar, Decal, Soot, Dirt, Ink, Resin and Adhesive Removal
- **ELECTRONIC COMPONENTRY:** Electronic Control Panels, Generators, HRSG Units, Printed Circuit Boards, Semi-conductors, Transformers, Switch Gear, Robotic Equipment, Relays, Turbines, Insulators, Substations

Guidelines

HOW MUCH

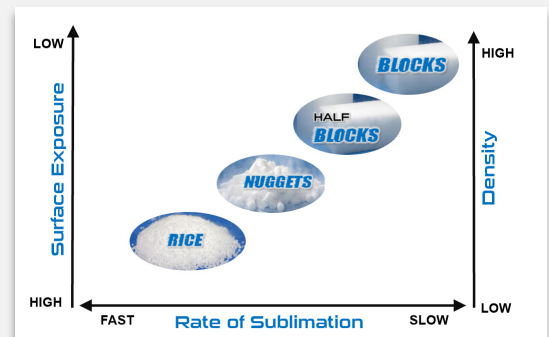
- The amount of dry ice needed for effective cleaning varies greatly—depending on the system and application.
- Average ice consumption for Cold Jet dry ice blast equipment is about 2.5 lbs. or 1.1 kg per minute.

STORAGE

- Keep dry ice in a high-quality insulated container. The thicker the insulation, the slower dry ice will sublimate.
- Depending on weather and type of dry ice and container, dry ice sublimates about 2% to 10% per day (see chart below).

Sublimation Chart

Assuming a mid-range sublimation percent of 6%, this translates to 30 lbs./day for a 500-lb. cooler.



Manufactured at our St. Cloud & St. Paul Locations

ST. CLOUD: 320-257-4800, OPTION #3 **ST. PAUL:** 651-645-6433
EMAIL: CO2SALES@CENTRALMCGOWAN.COM

MADE TO ORDER

