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CARBON DIOXIDE (CO2) GAS

## MAKE YOUR OWN DRY ICE SNOW FROM (SIPHON) CARBON DIOXIDE CYLINDERS

### Convenient and Portable

No batteries or electrical energy are required our Dry Ice Machines. The compact size and light weight make it ready for use almost anywhere. Just hook up the (included) hose in to a cylinder and you are ready to make high quality dry ice blocks in one to two and a half minutes ... without need for a compactor!

Our Dry-Ice machines eliminate the need for ordering and waiting for large minimum shipments of dry ice when you only require a small amount. You can make exactly what you need, when you need it.

Liquid CO<sub>2</sub> cylinders (with siphon) are available from us.

Approximately 4-1/2 lbs. of liquid CO<sub>2</sub> will yield one pound of dry ice.

Use only in a well ventilated area with proper safety apparel including, but not limited to, gloves and eye protection.



#475 Epoxy Coated Steel Frame



#560 Stainless Steel Construction

### DRY ICE PRODUCTION SPECIFICATIONS

CYLINDER NOT INCLUDED	Size of Dry Ice Block	Weight of Dry Ice Block	Yield from 50 lb. Liquid CO <sub>2</sub> Cylinder at room temp.*
<b>Part No. 475</b> (weighs 7 lbs.) <b>\$895.50 EA</b>	3-5/8" x 4.0" Dia.	1.2 lbs. ± 10%	8-9 blocks †
<b>Part No. 560</b> (weighs 10 lbs.) <b>\$1685.00 EA</b>	6" x 4" x 1-1/2"	1 lb. ± 10%	10 -11 blocks †

† Maximum yield of solid dry ice can be obtained from a 320 lb. liquid CO<sub>2</sub> cylinder/dewar. This size offers better economy in purchase, operation, and optimum number of dry ice blocks. Yield can be appreciably increased at lower temperatures; e.g., 0°F approx. 1/3 more blocks will be produced.

\* A 50 lb. CO<sub>2</sub> cylinder at room temperature will contain approximately 42-43 lbs. useable liquid CO<sub>2</sub>. The balance is vapor which does not convert to solid dry ice.

**\$1,650.00 EA**

### CALCO CO<sub>2</sub> HEATER Automatic Electric Heater

- For flows up to 1,000 CFH
- Lifetime heating element
- Unlike ambient devices - not affected by adverse atmospheric conditions
- Heavily insulated... cabinet remains "cool"
- Completely dry - heat exchange medium is aluminum
- Flow can be either direction without loss of efficiency
- Continuous fluid carrying tubing - no internal joints
- Minimum pressure drop
- Double protection: against electric and thermal overload
- Mounting bracket furnished as standard
- CSA approved



Part No.	Watts	volts	Capacity CFH	Lbs of CO <sub>2</sub> per hour
1000C	1000	120	1000	115

**DRY ICE** is simply **CARBON DIOXIDE** in a solid form. It's called "dry" because it goes straight from a solid to a gas, as it melts, bypassing the liquid stage. Do not ingest or handle unprotected can cause serious burns.

**DRY ICE STORAGE CONTAINER - 30 lb. CAPACITY**  
**Our lightest, most cost-efficient temperature protection is provided by these fiberboard clad containers. Average dry ice sublimation is less than 3 lbs. per 24 hrs.**

**Part No. 311 \$57.00 Ea** Dry ice keeper has 1-1/2" thick insulating walls.

ID: 11-3/4 x 10 x 8-5/8  
OD: 15-1/8 x 12-5/8 x 12-1/8

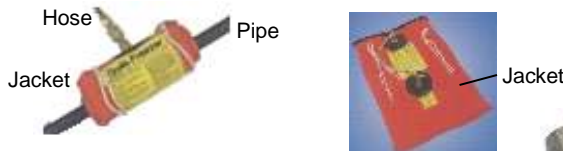
**Optional Part No. 385**  
sling-style strap enhances container's portability  
**\$35.00 EA**



**\$57.00 ea**

### PIPE-FREEZING JACKETS

Now you don't have to drain your water pipes just to make a repair. Use liquid CO<sub>2</sub> to freeze sections of pipe containing stationary water. Simply wrap the jacket around the pipe section that you wish to freeze, connect the hose between the jacket and the cylinder adaptor, and connect the cylinder adaptor to a CO<sub>2</sub> cylinder containing a siphon tube, then turn on the cylinder to provide an instant dry ice (-109°F) pack around the pipe. This will create an internal "ice plug", repeat as needed. If you need to freeze two sections at a time a tee is available that will support two hoses and jackets from one adaptor. Can be used on pipe made of; lead, iron, copper, brass, nickel, stainless, and plastic.



QF-101	\$255.00	Pipe-Freeze Jacket 3/8-3/4"
QF-102	\$255.00	Pipe-Freeze Jacket 3/4-1 1/2"
QF-103	\$495.00	Pipe-Freeze Jacket 1-1/2-3"
HH-72	\$86.95	6' Freeze Hose
HH-120	\$135.85	10' Freeze Hose
CA-04	\$21.50	Cylinder/Hose Adaptor
CA-06	\$13.95	TEE Adaptor/Hose (n.s.)



CA-04

n.s. = not shown