

ARCTIC FREEZE K.I.S.S. KIT

COMMERCIAL & RESIDENTIAL PIPE FREEZING KIT

Don't Drain! Stop the flow with an Ice Plug!

The K.I.S.S. Kit offers maximum versatility, durability, and reliability.

No Moving Parts.

No screws, nuts or bolts to lose.

Kit can be upgraded to 6" diameter pipe size.

No CFC's.

actual ice plug, shown in clear pipe

Arctic Freeze Jackets act as "Portable Valves" which can wrap around pipes in most locations. Dry ice is formed underneath the jacket, creating an ice plug inside the pipe. This eliminates costly drain down and refilling time!

Cylinder must have dip tube to draw liquid CO₂ to make dry ice.

DRY ICE (-109° F) THAT FORMS AROUND PIPE.



SIZE RANGE
1/4" to 2"

ARCTIC FREEZE
K.I.S.S. KIT P/N 7050

This is the CO₂ pipe freezing kit for you!

It allows new & retrofit pipe work to be completed without draining the system.

This kit will fit 1/4" through 2" diameter steel, copper, cast iron, plastic or aluminum pipe.

For a single or double freeze.



Everything you need is incorporated into 8 components (compared to over 30 in some pipe freezing systems).

- Two 1/4" - 3/4" Jackets • Two 1" - 2" Jackets • Two 8' Hoses • One Tee Connector
- One Pair of Leather Gloves • One Carrying and Storage Case • One Set of Instructions & Log Charts
- CO₂ Cylinder ordered separately • Kit also contains One Container, #9000 Hot Dam.

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OPERATING INSTRUCTIONS

1. Water must be stopped. No flow.
2. Clean pipe before attaching jacket.
3. CO₂ cylinder should be upright. Connect hose to jacket and cylinder.
4. Wrap jacket around pipe. Line up velcro strip evenly and press together firmly. Tie nylon cords tightly around pipe.
5. Open valve on cylinder fully. Inject CO₂ – Follow table below carefully. While wearing gloves, grasp each end of jacket and squeeze firmly to limit CO₂ from escaping at ends of jacket. Close valve.
6. Also with gloves on, occasionally press jacket against pipe during freezing period.
7. “White frost rings” will form at both ends of jacket when water in pipe is frozen. At this point you can begin the work. Keep torch flame at least 14" away from jacket. (Use Hot-Dam – #9000 to protect from heat damage)
8. Remove jacket. Let pipe thaw naturally. Do not apply heat.
9. Use Hot-Dam #9000 included in your kit to protect from heat damage.

These figures are based on pipes containing cold water under 70° (F) higher water temperatures require longer injection/waiting times. Refer to manual for details.

FOLLOW THESE INSTRUCTIONS CAREFULLY

JACKET SIZE	PIPE SIZE	INJECTION TIME	WAITING TIME	NUMBER OF INJECTIONS	APPROX. TOTAL TIME REQUIRED
JACKET #1	1/4 – 3/8"	35 sec.	3 min.	2	7 min.
	1/2" – 3/4"	35 sec.	3 min.	3	11 min.
JACKET #6	1"	2 min.	4 min.	4	24 min.
	1 1/2"	2 min.	5 min.	6	42 min.
	2"	2 min.	5 min.	7	49 min.

