

# ARCTIC FREEZE K.I.S.S. KIT

## COMMERCIAL & RESIDENTIAL PIPE FREEZING KIT

### OPERATING INSTRUCTIONS

1. Water must be stopped. No flow.
2. Clean pipe before attaching jacket.
3. CO<sub>2</sub> 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 CO<sub>2</sub> – Follow table below carefully. While wearing gloves, grasp each end of jacket and squeeze firmly to limit CO<sub>2</sub> 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
<b>JACKET #1</b>	1/4 – 3/8"	35 sec.	3 min.	2	7 min.
	1/2" – 3/4"	35 sec.	3 min.	3	11 min.
<b>JACKET #6</b>	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.