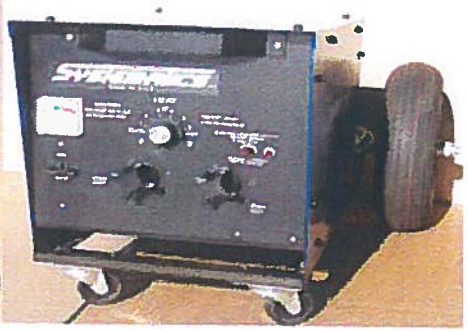
# PORTABLE PIPE THAWERS: SYSTEMATICS, INC.









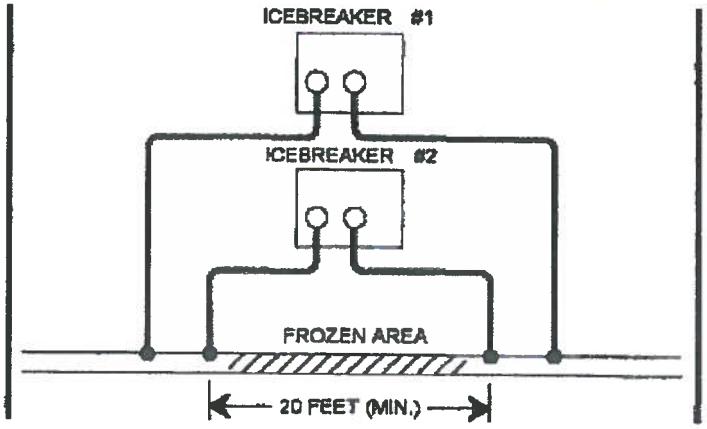
## Pipe Thawing Methods

| METHOD | REMARKS |
|---|---|
| Open flame | Lack of control.<br>Uses dangerous gas or other flammable liquids.<br>Risk of fire. |
| Hot Water | Slow.<br>Lack of control. |
| Arc Welder | Large power source is required to supply needed high voltage.<br>Arc can melt pipes.<br>Hazard of high voltage shock to operator.<br>Damage to welder.<br>Risk of fire. |
| Electric Pipe Thawer | Uses safe low voltage.<br>Easy to use.<br>No flame or arc when used properly. |

## Specifications

| | |
|---|---|
| **PART NO.** | **IB450** |
| **INPUT:** | |
| Voltage | 115V AC |
| Phase | single |
| Frequency | 50/60 Hz |
| Current | 17 Amps |
| Input Cable | 9 feet |
| **OUTPUT:** | |
| Voltage | 4.5 - 10V AC |
| Current-(Maximum) | 450 Amps |
| **PIPE THAWING CAPACITY:** | |
| Pipe Size | 1 inch |
| Length | 150 feet (max.) |
| **DIMENSIONS:** | |
| Height | 12 inches |
| Width | 13 inches |
| Depth | 12 inches |
| Weight | 58 pounds |
| **RECOMMENDED CABLES:** | |
| two 50 ft. #2/0 AWG* | (2)50-2/0 |
| two 100 ft. #4/0 AWG* | (2)100-4/0 |

## Parallel formation for 10cm (4 inch) pipe




## Series formation to decrease thawing time

