

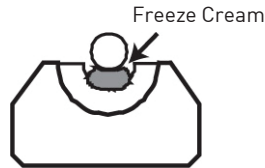
ARCTIC ELECTRIC PIPE FREEZER INSTRUCTIONS

READ ALL INSTRUCTIONS FULLY BEFORE USE

This machine works as a clamp-on electric valve to hold back water for fitting removal or cutting pipes open. Use it daily to transform the way you work, improve efficiency and become an essential item of your working tools.

HINTS AND TIPS

If you have an odd size (old lead) or misshaped (micro bore) or damaged pipe, the gap will be taken up by covering the reducer with freeze cream.



Wet Tissue



Larger gaps can be filled with layers of wet tissue. Use your judgement to fill the air gap without creating a 'barrier'.

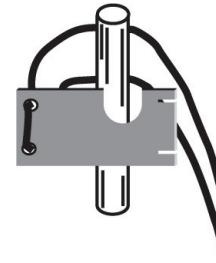
- Paint on pipes reduces thermal conductivity and creates air gaps impairing thermal contact. Smooth it or remove it then apply freeze cream.
- Pipe freezing is dependent on thermal contact. Frozen heads + good thermal contact = a fast freeze.
- Apply freeze cream to the pipe surface or reducer profile to eliminate minute air gaps.
- If antifreeze is in the system, allow enough time to reach the freezing point of that solution.
- Very high ambient temperatures cause slower heat dispersion and freeze times should be increased.
- Wrap **DRY** towels around freeze heads and pipes to insulate them from ambient temperatures.
- Hot pipes will take longer.
- Keep the fans blowing away from the pipes being frozen.
- Plastic pipes can take 3 to 4 times as long to freeze.
- If for any reason the machine is stored for a long period, it should be run for five minutes once a month to keep the bearings and lines flushed and lubricated.
- Do not run machine upside down or on its side.
- Do not attempt to freeze a pipe that has any flow. The pipe freezer will freeze hot pipes as long as the water is not moving or naturally cycling.

MAKE SURE YOU HAVE THE FOLLOWING :

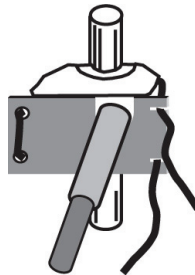
- Freeze Heads – Fit straight onto large pipes.
- Reducers – Fit onto smaller pipes.
- Freeze Cream – Increases thermal conductivity.
- Bungee Clamps – Hold heads and reducers onto pipe.
- Dry Towels – Insulate freeze heads and pipe-work.
- Gloves – For handling frozen freeze heads.
- Screws – Option to secure in reducer.

FREEZING TWO PIPES

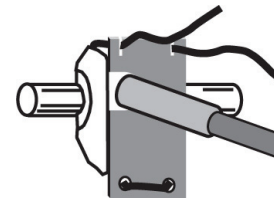
1. Feed the cords of the Bungee Clamp around the back of the pipe and smear some freeze cream against the front of the pipe.



2. Place the Freeze Head with the correct size reducer (if needed) against the front of the pipe where the ice plug is required. Reducer can be secured with screw.

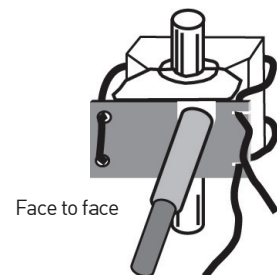


3. Simply pull the cords and slot them into the clamp. Wrap DRY towels around freeze heads and pipes.

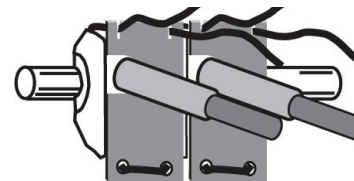


Repeat steps 1 to 3 for 2nd pipe

FREEZING ONE PIPE



Face to face



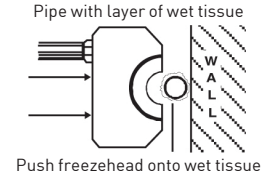
Side by side and touching
(Do not leave a gap)

You can also freeze pipes that are touching the wall by using the freeze heads without the clamps.

Remove the clamp bracket. Run the machine for approximately 5 minutes until the **freeze heads are frozen**. **Wrap a piece of tissue around the pipe** tearing off any surplus to avoid an overlap.

Saturate the tissue with water.

Press the frozen freeze heads, using the gloves supplied, **firmly onto the wet tissue paper in one action** and hold for approximately 10 seconds.

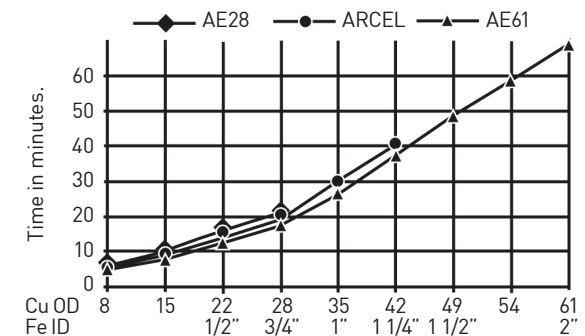


The heads will freeze weld to the wet pipe. Then wrap a **DRY towel around the freeze heads** to insulate them and prevent bystanders touching them.

PLUG IN AND SWITCH ON

Do not switch on & off during freeze, system may overload and cut-out. Also checking for ice plug too soon will thaw any ice made and freeze time will revert to full time.

FREEZE TIMES



Unpainted Copper, Iron, Lead (up to 20°C) Plastic pipe x 4

REMOVING FREEZE HEADS

When work is completed, switch the machine off and unplug from the wall socket. Remove the freeze heads and wipe them dry. Important:- Never use a flame on the freeze heads. Always thaw them properly before storage. Coil the hoses one at a time, one clockwise the other anticlockwise.

TECHNICAL HELPLINE 0113 213 4294

Arctic