



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

Always use Freeze Cream to make good thermal contact between the head, reducer and pipe. Use the 15mm reducer with freeze cream on microbore.



Wrap layers of wet tissue around damaged or dented pipes. Use your judgement to fill the air gap without creating a 'barrier'.

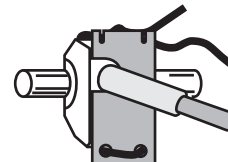
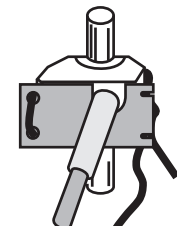
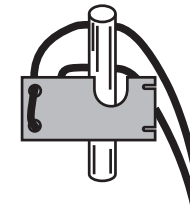
- Paint on pipes reduces thermal conductivity and creates air gaps impairing thermal contact. Smooth it or remove it then apply freeze cream.
- Pipe freezing is dependent on thermal contact. Frozen heads + good thermal contact = a fast freeze.
- Wrap **DRY** towels around freeze heads and pipes to insulate them from ambient temperatures.
- Frost on the outside of the pipe indicates where ice is forming inside the pipe. When the pipe is fully frozen, the ice plug and frost will grow wider than the freeze head. If you are freezing near to a closed fitting, capped end or another ice plug, take steps to prevent the trapped pressure from damaging the pipe.
- 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.
- Do not attempt to freeze scalding hot pipes.
- The pipe freezer will freeze pipes as long as the water is not moving or naturally cycling.
- Keep the fans blowing away from the frozen pipes.
- Plastic pipes can take 3 to 4 times as long to freeze.
- Do not run machine upside down or on its side.

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.

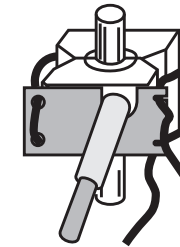
Freezing two pipes

1. Put freeze cream into freeze head and reducer surfaces to complete the thermal path. Feed the Bungee cords around the back of the pipe.
2. Keeping the hose nearest the top, place the Freeze Head with the correct size reducer (if needed) against the front of the pipe. Reducer can be held with screw if needed. Do not over tighten.
3. Simply pull the cords tight and slot them into the clamp. Wrap **DRY** towels around freeze heads and pipes to insulate them.

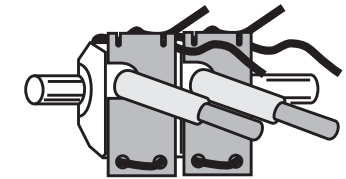


Repeat steps 1 to 3 for 2nd pipe

Freezing one pipe



Face to face



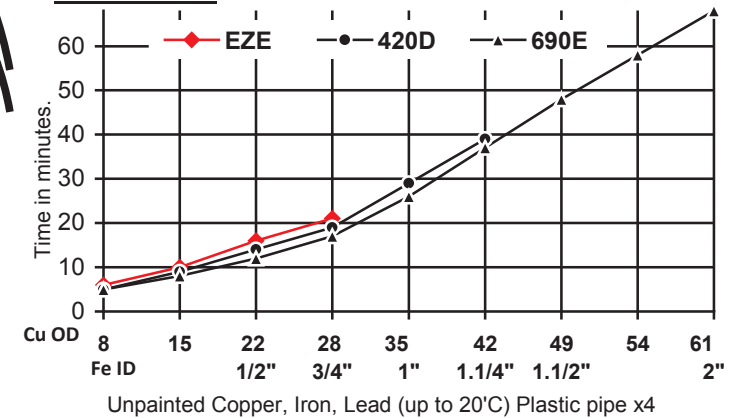
Side by side and touching
(Do not leave a gap)

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.

When the ice plug is solid it will grow wider than the free head and frost will form on the water pipe to show the length of the ice plug. Read Hints & Tips.

Freeze times



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 and dry them properly before storage.

Coil the hoses one at a time, one clockwise the other anticlockwise.

Technical Help line 020 8205 7672