

Terms and Conditions of Use

1. We are Kibosh Ltd, a company registered in Scotland (Company Number SC370181), with our registered office at Unit 9 Huddersfield Street, Galashiels, Scottish Borders, Scotland, TD1 3BF (and we are referred to as "we" or "the Company" in this document).
2. You, as the purchaser of the Kibosh™ FASTFREEZE™ are referred to as either "you" or "the Purchaser" within this document.
3. You must follow the instructions contained within this document very carefully when using the product. The Kibosh™ FASTFREEZE™ is a specialised product, and care must be taken to follow the instructions.
4. You must wear suitable protective clothing such as eye protection and insulated gloves when using this product. You should take great care when cutting plumbing pipework, particularly where a water supply involves hot or pressurised water. If you are in any doubt as to how to use the product safely, you should consult a professional plumber.
5. We are not qualified to express an opinion confirming that you are sufficiently qualified to use this product or its freezing accessories. You must not use this product if you are under the influence of alcohol or drugs or suffering from any serious medical condition.
6. You will be responsible for all claims, liabilities, damages, costs and expenses suffered or incurred by us as a result of your breach or default in the discharge of your obligations.
7. We do not exclude or limit in any way our liability to you where it would be unlawful to do so. This includes liability for death or personal injury caused by our negligence or the negligence of our employees, agents or subcontractors; for fraud or fraudulent misrepresentation; for breach of your legal rights in relation to the products including the right to receive products which are: as described and match information we provided to you and any sample or model seen or examined by you; of satisfactory quality; fit for any particular purpose made known to us; supplied with reasonable skill and care and, where installed by us, correctly installed; and for defective products under the Consumer Protection Act 1987.
8. We are not liable for business losses. We only supply the products for domestic and private use. If you use the products for any commercial, business or re-sale purpose we will have no liability to you for any loss of profit, loss of business, business interruption, or loss of business opportunity.
9. We have no liability or obligation whatsoever to you for any financial loss or property damage to property caused as a result of any negligent use of the product or its freezing accessories by you or where the instructions contained within this document are not strictly followed, or where the product is used in an application that is not advisable or appropriate for the intended application for the product.
10. You are responsible for any financial loss or property damage except if such loss or damage is: (i) caused by us or our employees or (ii) due to a manufacturing design or design fault.
11. In the event of a fault due to product failure, we will repair or replace the item, or part of it, or refund the purchase price, at your discretion.
12. In the event that you wish to return a faulty product and seek a repair or replacement, you shall (at the Company's expense) return the product to the Company at the following address: Kibosh Limited, 9 Huddersfield Street, Galashiels, TD1 3BF.
13. In the event that you wish to return the product and seek a refund, you shall (at the Company's expense) return the product to the Company at the following address: Kibosh Limited, 9 Huddersfield Street, Galashiels, TD1 3BF.
14. We will not be liable for any loss or damage caused by us or our employees or agents in circumstances where there is no breach of a legal duty of care owed to you by us or by any of our employees or agents; or such loss or damage is not a reasonably foreseeable result of any such breach.
15. You must tell us about any fault or damage as soon as is reasonably possible.



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Useful Information

- If ambient room temperature is unusually hot, this will affect freezing performance. A cold wet cloth or tissue can be placed around the freeze clamp and section of pipe to be frozen which can help ice plugs to form.
- If the section of pipe to be frozen contains warm water, ensure water is still and motionless within the pipe, wrap a cold wet cloth or tissue around the pipe at either side of the clamp. This can remove any residual heat and may help ice plugs to form.
- When freezing one section of pipe using two freeze clamps, please ensure clamps are at least 450mm apart (18"). If the clamps are located closer it will cause the pipe to burst. **If using one can of freeze spray between two or more clamps, be aware freeze spray may exit from straw or fluid intake hole.** Use appropriate PPE: safety goggles & gloves.
- If it is necessary to perforate the pipe to check the ice plugs have formed, the Kibosh™ Rapid Pipe Repair clamps (15mm, 16mm/US 1/2" & 22mm/US 3/4") can be used to stop the flow if the attempt at freezing has been unsuccessful.

Spare Parts:

176g can Kibosh™ FASTFREEZE™ Spray
- KIBSP176-F

293g can Kibosh™ FASTFREEZE™ Spray
- KIBSP293-F

4 x 8-10mm reducing inserts for 15mm clamp
- KIBTPV-F

15mm FASTFREEZE™ Clamp only
- KIB15BE-F

15mm FASTFREEZE™ Clamp with accessories
(Includes 1 x Straw, 4 x reducing inserts
(8mm - 10mm) and contact foam)
- KIB15FF-F

22mm FASTFREEZE™ Clamp only
- KIB22BE-F

22mm FASTFREEZE™ Clamp with accessories
(Includes 1 x Straw and contact foam)
- KIB22FF-F

15mm Sheet contact foam
- KIB15CFS-F

22mm Sheet contact foam
- KIB22CFS-F

Available from www.kiboshpiperepair.com



FASTFREEZE™



USER GUIDE

The Kibosh™ FASTFREEZE™ is an extremely fast and efficient pipe freezing system which requires less freezing gas than foam sleeves to achieve and maintain an isolating ice plug.

How your Kibosh™ FASTFREEZE™ System works

1. Freeze Spray is injected into the freeze clamp using the straw provided via the fluid inlet hole.
2. The contact foam inside the clamp cavity absorbs the freeze spray and allows it to evaporate slowly through the vent hole.
3. This quickly cools down the pipe wall and water creating an isolating ice plug within the pipe.



Please see full instructions provided and our Demo Video.

When using your Kibosh™ FASTFREEZE™ System please follow normal pipe freezing practice:

1. Please ensure water is motionless before freezing.
2. Ensure circulation pumps are turned off, leaks are fixed, taps are closed and be mindful of any potential gravity flow.
3. Ensure water is cold and at ambient room temperature before freezing.

Ambient room temperature will affect the time it takes to form an ice plug.

5. When freezing one section of pipe using two freeze clamps, please ensure clamps are at least 450mm apart (18"). If the clamps are closer than this it will cause the section of pipe between to burst. **If using one can of freeze spray between two or more clamps, be aware freeze spray may exit from straw or fluid intake hole.** Use appropriate PPE: safety goggles & gloves.
6. Ensure the pipe section that is to be frozen is clean and the surface is clear of paint, grease, dirt etc.
7. Make sure you have enough freeze spray to complete your work.
8. Top up with freeze spray as necessary until the work is complete to maintain the ice plug.
9. Plastic pipes can be frozen and require at least 50% more fluid than metallic pipes.

10. Inhibitor in central heating systems can act as anti-freeze so additional spray may be required. If a system has an unusually high concentration of inhibitor, freezing may not be possible.

Safety First:

- Use appropriate PPE: safety goggles & gloves.
- When using freeze spray avoid contact with skin & eyes.
- Do not breathe vapour spray, use in a well-ventilated area.
- Do not smoke, keep away from heat sources, hot surfaces and naked flames.

FREEZING GUIDE

Pipe size	Freeze spray required	Ice plug formation	Ice plug life
15mm Copper/ steel	90g	3-5 mins	20 mins
22mm Copper/ steel	145g	5-7 mins	25 mins

The above is a guide only and is based on tests with copper and steel pipe using cold water at room temp of 20°C. Different circumstances and factors can affect the freezing process (see below)

Suitable for:

Copper, Steel, Plastic, Lead & Iron pipes

15mm clamp freezes

14mm - 16mm pipe, including: ½" copper (14.8mm), 15mm & 16mm pipes

22mm Clamp freezes

21mm - 22mm pipe, including: ¾" Copper (21mm), 22mm & ½" Steel pipes

Reducing inserts for 15mm clamp allows 8mm & 10mm micro-bore pipe to be frozen

Compatible for use with leading UK aerosol freeze sprays (R-134a & R-1234ze)

User instructions



Tear 15mm or 22mm contact foam segment from the perforated sheets provided.

(The foam can be used for multiple freezes).

Place the foam sections into the cavities of the clamp, 2 x segments per clamp.

Fit the freeze clamp to the section of pipe to be frozen.

Insert the straw into the freeze spray nozzle then insert firmly into the fluid inlet hole of the freeze clamp.

For both horizontal and vertical freezing, always keep the fluid inlet hole at a lower level than the smaller vent hole.



WHEN FREEZING 8-10MM PIPE Place 8-10mm reducing inserts into the C sections of the 15mm clamp.

*A small amount of PTFE tape may be required on pipe at C sections for 8mm micro-bore

Keeping aerosol in an upright position, inject spray gently into the freeze clamp.

DO NOT USE FULL BURSTS!

If fluid or spray is seen leaving the vent hole reduce flow or stop completely to allow fluid evaporation within the clamp cavity.

Pipe freezing spray must be allowed to evaporate to achieve optimum -30°C. If too much freeze spray is used and remains in liquid form, freezing is very difficult or not possible!

Frost should start to appear on the pipe and body of the freeze clamp and once frozen sufficiently, work can commence.

After freezing

1. Always allow the FASTFREEZE™ clamps to defrost completely after use before opening and removing safely.
2. Hold the body of the clamp in one hand and pull handle latch to open the device. Take care not to pull pipework.
3. For storage, **DO NOT** store clamps in the closed or locked position. This can damage or flatten the sealing gaskets.

