

IMPORTANT: BEFORE STARTING WORK, ALLOW MACHINE TO REST FOR AT LEAST 10 MINUTES BEFORE SWITCHING ON. THIS ALLOWS THE COMPRESSOR OIL TO SETTLE AND WILL IMPROVE MACHINE EFFICIENCY.

1. ATTACHING THE FREEZE-HEADS:

When freezing a single pipe, always use BOTH freeze-heads where possible.

Always try to have the freeze hoses in the uppermost position.

Face to face or side by side

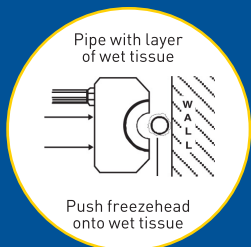
Side by side and touching (Do not leave a gap)



Single head attachment



If the pipe to be frozen is too close to the wall, put tissue paper on the pipe in the location to be frozen, then saturate the tissue with water. Run the pipe freezer for 10 minutes and when frost appears on the heads, press the frozen freeze heads onto the wet tissue using the gloves supplied, hold for approximately 10 seconds. The heads will freeze-weld to the wet pipe.



2. OPERATING THE MACHINE:

Select the appropriate size reducers to fit the pipe to be frozen. If you do not have the required size reducers, select the nearest larger size reducers and follow the instructions below.



100% thermal contact between the pipe freezer head and the pipe to be frozen is essential to a successful freeze. If the freeze-head does not have proper contact with the pipe, the freeze may not form.

It is recommended to wrap several layers of tissue paper around the pipe to be frozen, then soak the paper with water before attaching the freeze-head to the pipe and clamping on tightly.

- Where the pipe to be frozen is a good fit to the freeze-head [e.g. 8mm (1/4"), 15mm (1/2"), 22mm (3/4"), 28mm(1"), 35mm(1 1/2"), 42mm(1 3/4").

Apply a thin layer of freeze cream to all mating surfaces of the freeze heads, adaptors and pipe, before attaching the freeze-heads to the pipe.

- Always ensure the water in the pipe to be frozen is static. Moving water will not freeze.
- High ambient temperatures (>25°C/ 77°C) will cause slower heat dispersion and time to form a freeze will be increased.
- Wrap DRY towels around freeze heads and pipes to insulate them from ambient temperatures.
- Hot / Warm pipes will take longer to freeze.
- Keep the fans blowing away from the pipes being frozen.
- Plastic pipes can take up to 4 times longer to freeze.
- If the pipe freeze machine is likely to be unused for a prolonged period, it should be ran 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.

3. 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. Always lift the freeze heads as high as possible to allow any refrigerant to feed back into the machine. Coil the hoses one at a time, one clockwise the other anti-clockwise.

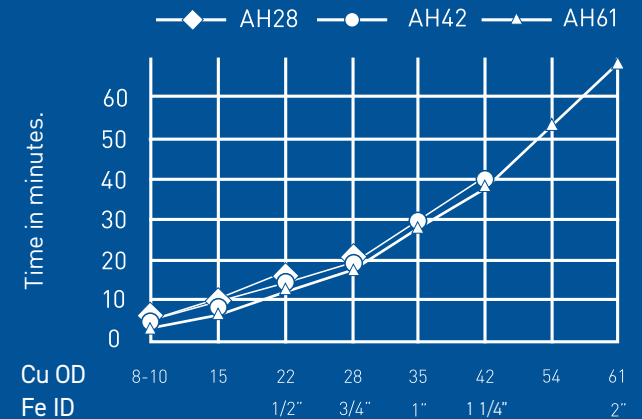


KIT CONTENTS:

- Freeze Heads – Fit straight onto large pipes.
- Reducers – Fit onto smaller pipes.
- Reducer Screws – To secure reducers into freeze-heads.
- Straps – Hold heads and reducers onto pipe.
- Towels – Insulate freeze heads and pipe-work.
- Gloves – For handling frozen freeze heads.
- Freeze Cream – For optimal thermal contact between freeze-head and pipes.

FREEZE TIMES:

The guide below shows approximate times for freezing pipes. Always check the pipe is fully frozen before cutting into it.



* Approx freezing guide for unpainted copper, iron, lead at ambient 20°C.

* Plastic allow 4 times longer.

