

# No Regular Top Up Required

The Freeze Master is easy to use. Just connect the purpose designed freeze heads to the pipework, upstream and down-stream of the area you want to work on. In as little as 5 minutes, two solid ice plugs can be formed allowing you to carry out your repair quickly and efficiently. It will freeze copper, iron, lead or plastic pipes.

It is safe to use. You can leave the machine unattended, and as long as it is connected to the mains, the freeze will continue indefinitely. Unlike a gas freezing method, where a cylinder may run out, there is no danger of ice melting and flooding.

The Freeze Master is not just an alternative to draining down. It represents a fast, clean, efficient and highly professional new service for you to offer your customers.

And as experience has proved, it is a service they are willing to pay for.

Depending on the model you choose, the Freeze Master will freeze any size of pipe from 8mm to 88mm.

- All machines are fitted with new multilayer hoses with fittings and manifold attachments designed for the latest demands in cryogenic apparatus. Manufacturing is carried out with the same strict attention to quality and control inculcated in the former design.
- All case bodies have three openings where hoses and mains lead can be slotted through so the machine can be used with the lid closed.
- All machines are supplied with the recently patented Bungee Clamps (making them the most versatile to fit), freeze cream, insulating towels, gloves, reducer screws and a range of reducers (the smallest to be used on microbore).
- Spare reducer screws are supplied and stored in two panel fixings.
- All microprocessor machines have updated electrical components.
- All machines can freeze copper, iron, lead, plastic pipes, etc. Freeze times are super fast on copper pipes.
- The hoses, mains cable, clamps and fittings are coiled and all stored under the lid.

## 690 Expansion Kit

This kit adapts 61mm machines to freeze 2 1/2" & 3" ID Steel pipes (76mm & 88mm OD).



The elliptically shaped 2 1/2" and 3" upgrade components have been developed to increase the pipe range of the 61mm machines.

**Kit contents:** 2 x 2 1/2" Adaptors 2 x Reducer Screws  
2 x 3" Adaptors

- The ezefreeze is an entry level machine designed to freeze up to 28mm. Housed in a tough metal case which includes an ergonomically designed lay flat handle.
- There is easy access to the reducers to freeze 8mm to 28mm which are stored in two panel fixings.
- Freeze Heads retain the original patented features and are designed to fit straight onto 28mm with reducer fittings for 22mm & 15mm which will freeze microbore.



**ezefreeze**  
8-28mm

|              |                   |        |           |
|--------------|-------------------|--------|-----------|
| Capacity     | 8/10/15/22/28mm   |        |           |
| Dimensions   | 330 X 250 X 315mm |        |           |
| Control      | Twin capillary    |        |           |
| Freeze time  | 5 to 20 mins      | Span   | 3.9m      |
| Refrigerant  | R134c             | Weight | 17 kg     |
| Available in | 240v              | Power  | 450 watts |

- The 420D is distinguished by its all new silver grey case and includes a new ergonomically designed lay flat handle. An easy access storage compartment for reducers to freeze 8mm to 42mm runs along the top rear.
- Freeze Heads retain the original patented features but are designed to fit straight onto 42mm pipes with reducer fittings for 35mm 28mm 22mm & 15mm. The 420D aluminium heads & reducers have a smart silver finish.



**Model 420D**  
8-42mm

|              |                                   |        |           |
|--------------|-----------------------------------|--------|-----------|
| Capacity     | 8/10/15/22/28/35/42mm             |        |           |
| Dimensions   | 360 X 300 X 340mm                 |        |           |
| Control      | Active capillary (microprocessor) |        |           |
| Freeze time  | 5 to 45 mins                      | Span   | 3.9m      |
| Refrigerant  | R134a                             | Weight | 23 kg     |
| Available in | 240v or 110v                      | Power  | 550 watts |

- The 690E is distinguished by its all new midnight blue case and includes a new ergonomically designed lay flat handle. An easy access storage compartment for reducers to freeze 8mm to 61mm runs along the top rear.
- Freeze Heads retain the original patented features and are designed to fit straight onto 2" Iron (61mm OD) with reducer fittings for 54mm 49mm 42mm 35mm 28mm 22mm & 15mm. The 690E aluminium heads & reducers have a smart silver finish.



**Model 690E**  
8-61mm

- The 690E is a new replacement model for large industrial use and is smaller, lighter, yet just as powerful. The 690E is exactly what the market had requested.

|              |                                   |        |           |
|--------------|-----------------------------------|--------|-----------|
| Capacity     | 8/10/15/22/28/35/42/49/54/61mm    |        |           |
| Dimensions   | 390 X 300 X 355mm                 |        |           |
| Control      | Active capillary (microprocessor) |        |           |
| Freeze time  | 5 to 65 mins                      | Span   | 3.9m      |
| Refrigerant  | R134a                             | Weight | 27 kg     |
| Available in | 240v or 110v                      | Power  | 850 watts |



2" 61mm



Pipe Freezing for Professionals

# Pipe Freezers You Can Trust



Pipe Freezing for Professionals



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**How it works.** At the heart of every Industrial Freeze Master is a unique microprocessor electronic control unit (*Active Capillary*). A state-of-the-art innovation designed developed and patented by Freeze Master London Ltd specifically for electric pipe freezing machines. The compressor achieves lower head pressures resulting in enhanced cooling and ultra rapid pull down temperatures. Only genuine Freeze Master machines incorporate this electronic valve control system. Also machines built by Freeze Master and name branded for other companies, have the same design features.

**Active Capillary** (*With the Freeze Master valve control*). You can freeze a hot pipe, whilst at the same time freezing a cold pipe, without the risk of a concentration of refrigerant in the freeze head attached to the coolest pipe. You can freeze a large and a small pipe with the same benefit.

**Taking control.** The electronic valve system takes the place of the simple basic capillary and works by delivering preprogrammed quantities of refrigerant to the freeze heads. This presents several advantages unique to Freeze Master as refrigerant is electronically distributed maintaining a more stable freeze.

**Without Freeze Master electronic control** (*Basic Capillary*). When a freeze head is attached to a warm water or hot water pipe, the pressure inside the freeze head is greater than that attached to a cold water pipe. Refrigerant could favour the freeze head attached to the coolest pipe. This could impair the freezing ability of the head attached to the hottest pipe.



## Pipe Chart

