

# Snowpack®

Portable CO<sub>2</sub> Dry Ice Making Equipment



Liquid CO<sub>2</sub> **must** be used with Snowpack

Snowpack dry ice making equipment allows pellets of CO<sub>2</sub> dry ice to be made on the spot, wherever and whenever they are wanted.

Having dry ice on tap greatly reduces the evaporation losses that occur when dry ice has been brought in and stored until needed, thereby minimising costs.

Whenever localised cooling or freezing is needed, freshly made Snowpack dry ice pellets can be used. For example, in hospitals it can be used for blood, tissue and serum preservation; in research establishments to provide reference temperatures; in schools and laboratories as a cooling agent and cold trap for gases; and in factories, Snowpack can be used for shrink fitting small metal components and other localised cooling applications.

A Snowpack pellet can maintain temperatures down to -70°C, independent of external power sources. Snowpack is available in two sizes, Snowpack 30 which produces 30 gram pellets and Snowpack 500 produces a 500 gram pellet.

Description	Part No.
Snowpack 30	22330107

#### Specifications

Pellet size	50 x 22mm
Injection time	1 minute
Pellets per DL size liquid CO <sub>2</sub> cylinder	Approx. 30

Description	Part No.
Snowpack 500	22330108

#### Specifications

Pellet size	100 x 75mm
Injection time	2.5 minutes
Pellets per DL size liquid CO <sub>2</sub> cylinder	Approx. 2



Australian Welding Supplies Pty Ltd  
Unit 9, 6-8 McLachlan Avenue  
Artarmon NSW 2064  
Ph: 02-9439-0111  
Fax: 02-9439-0100

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# JETFREEZER®

## Portable Pipe Freezing Equipment

**Jetfreezer saves time and money by eliminating the need for costly draining of pipes before maintaining, repairing or extending a system.**

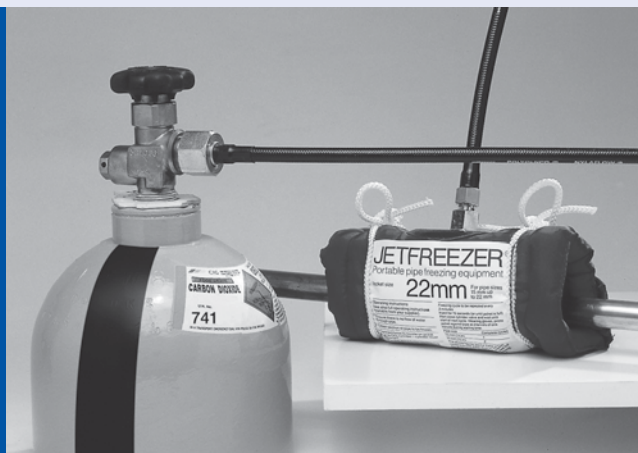
Using the intensely cold properties of liquid CO<sub>2</sub>, Jetfreezer creates a temporary ice plug in a small section of the pipe. This quickly and economically isolates the area the plumber is to work on. Natural convection melts the ice plug restoring supply in minutes when the job is completed.

- **Fast** - Jetfreezer freezes a 22mm diameter copper pipe in under 10 minutes.
- **Efficient** - Jetfreezer is twice as cold, and therefore faster, than electric or aerosol products.
- **Economical** - A 6kg liquid CO<sub>2</sub> cylinder will provide enough CO<sub>2</sub> for up to 6 freezes on a 22mm diameter pipe.
- **Versatile** - Jetfreezer will freeze metal and plastic pipes from 15mm to 100mm diameter containing water, heavy fuel oils, brine, alcohol solutions and many other liquids.
- **Convenient and independent** - Jetfreezer does not require an external power source.

Jetfreezer is now widely used by water boards, gas companies, local authorities and plumbers throughout Australia and overseas.

Jetfreezer equipment consists of a flexible, thermally insulated jacket, high pressure hose and washer. The jacket is wrapped around the pipe to be frozen and then connected by the hose to the liquid CO<sub>2</sub> cylinder. When the cylinder valve is opened, the liquid CO<sub>2</sub> is discharged through the special jet in the jacket and forms solid CO<sub>2</sub> or dry ice, which is trapped by the insulated jacket and packs around the pipe. Because dry ice has an extremely low temperature of -78°C, it quickly freezes the water within the pipe to form a secure ice plug.

There is a range of five jackets to suit all pipe sizes up to 100mm. Jetfreezer is also available in kits, including jacket, hose and two washers for the 15-42mm sizes; and jacket, two hoses, five washers and tee piece for the 80-100mm sizes.



Description	Part No.
Jetfreezer Kit 15mm	22330000
Jetfreezer Kit 22mm	22330001
Jetfreezer Kit 42mm	22330002
Jetfreezer Kit 80mm	22330003
Jetfreezer Kit 100mm	22330004
Jetfreezer Jacket 15mm	22330105
Jetfreezer Jacket 22mm	22330101
Jetfreezer Jacket 42mm	22330102
Jetfreezer Jacket 80mm	22330103
Jetfreezer Jacket 100mm	22330104
Jetfreezer Hose 2.4m 1/4 bsp	22224309
Jetfreezer Tee-Piece	22330601
Jetfreezer Gloves	22330401
Jetfreezer Washer 1/4"	22220601
Jetfreezer Weighing Scales	22330830
Jetfreezer Hose Coupling Adaptor	22220107

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