INSTRUCTIONS

Scienceware®
TOOLS FOR SCIENCE FROM BEL-ART PRODUCTS

Frigimat® Jr. Dry Ice Maker

Catalog Number 38886-0000

The Frigimat® Jr. is a complete mechanical appliance designed to fit any standard liquid carbon dioxide cylinder. It consists of a brass fitting which screws onto the liquid CO_2 cylinder thread, a plastic cone and collection bag with clamp. A liquid CO_2 cylinder with an internal siphon tube is required.

To assemble, slide the open end of the bag over the plastic cone and tie the tabs. Next, slide the plastic ring over the brass fitting, cone and bag until it tightens. Finally, follow the ring with the screw clamp and tighten the clamp next to the ring.

Open the liquid CO_2 cylinder valve about $^3/_4$ of a turn. The collection bag will begin to fill immediately with dry ice flakes. When the bag is full, close the



valve tightly and tap the cone gently to remove any ice sticking to it. The ice may be squeezed into a hard pack or left in flake form depending upon its intended use.

CAUTION: Wear gloves when handling dry ice.

Replacement Parts:
F38886-0001 Extra Bags

OTHER FINE SCIENCEWARE® PRODUCTS FOR YOUR LABORATORY

Frigimat® Dry Ice Maker



The Frigimat® Dry Ice Maker eliminates the need to buy large quantities of dry ice, producing a solid 16 ounce (454gm) block in one to two minutes. Removing the dry ice block requires just 30 seconds, and the Frigimat® Dry Ice Maker is then ready to make another block of dry ice. Each cylinder of liquid CO_2 will make 8 or 9 blocks of dry ice.
Made of epoxy-coated steel with an aluminum ice chamber and brass valves. Rubber feet give cushioned support. Dimensions are 12"x6$^1/_2$"x5 high (30x17x13cm). Shipping weight 12lbs (5.5kg). Includes a six foot (1.8m) nickel-plated copper connecting tube with standard GCA 320 thread couplings for easy attachment to a LCO_2 cylinder. Threaded inlets can be supplied for LCO_2 cylinder fittings in Europe or Japan.

H38878-0010 with USA LCO_2 cylinder fitting
H38878-0012 with European LCO_2 cylinder fitting
H38878-0013 with Japanese LCO_2 cylinder fitting

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