

# Snowbreeze as a Humidified Room Heater

Heating: One thing leads to another. It would be only natural to assume that the inventors of Snowbreeze would not allow their favourite hobbyhorse to hibernate during the long winter months. The result of their ruminations was to convert it temporarily into an eco-friendly room heater which reduces energy costs by at least fifty percent and humidifies hot air before blowing it into the room, establishing once again the greater efficiency of home-made Snowbreeze over factory produced conventional domestic cooling and heating appliances in conserving and distributing heat.

Perhaps this is so because air is a poor conductor of heat and much energy goes waste while heating it directly inside a blower. On the other hand, Snowbreeze compresses the air and heats it repeatedly (twenty times) in the grooves around the drum before releasing it into the room. Simultaneously, surface water inside the drum, when exposed to a halogen bulb, evaporates in moderate quantity and humidifies the air before it is sucked into the grooves.



In winter a 300 watt halogen bulb is inverted upon the rim of the drum which is half filled with water to serve as a room heater



This is how the 300 watt halogen bulb sits comfortably over the rim of the drum



The bulb is lightly encased in an aluminium roll and covered with the lid of the drum to deflect humidified hot air into the grooves.