

Frost Protection System



The MyGarden Balcony frost protection system protects plants on late fall and early spring plant-killing cold nights extending northern growing seasons by two months each year. When combined with the 45-hole *Spring Starts* GroPipes it starts your garden plant seedlings a month before your spring frost-free date. For information on your frost-free dates contact your Agricultural Extension Office (find it at www.koolsci.com/shop)

The system includes an overhead rack (OHR), cover, and heater. The OHR plugs into the four small open tees on the Garden's Side Top Bars and the heater plugs into the large open tee on the outside back leg with its cord passed through the hole in the back of that tee. A heat lamp (too fragile to include and available for \$5 at Lowes or similar stores) screws into the heater. The heater is not plugged into the timer because it's usually needed on at night when the pump and lamps are off. Because this system is only periodically needed covering and heating are manual operations.

Assemble the overhead rack (OHR). The four verticals are 31" long and bundled together. Remove the caps covering the small Side Top Bars tees, lift the OHR over the garden, and insert the vertical pipes into their tees. The cover drapes loosely

over the OHR. Insert the heater into the back outside leg, screw in a heat lamp, and plug it in.

Remove and store the rack when it won't be needed for awhile to minimize shading [on a balcony the Garden needs all the direct sunlight it can capture].



Note the insertion of the overhead rack (OHR) and heater



Note OHR and Heater (lamp not included) Cloth cover is required to trap the rising heat. Material is special agricultural cloth used to cover strawberries and other cash crops on frosty night. Do not use plastics as they get too hot causing serious plant damage.