



## setup instructions



The AirDome has been designed to increase the amount of air around the root zone in the pot. If you are lucky enough to have power in your greenhouse this little addition can increase yields by up to 130%.

It is very simple to use once assembled, which will take less than 30 seconds. The AirDome is placed at the bottom of the pot, covered with compost and then connected to an air pump.

### AirDome contents list (Ref AirDome/1):

- 1x AirDome body
- 1x 1/4" cross connector
- 4x Pieces of blue bubble pipe
- 1x 3.3ft length of black air line
- 1x Full Instructions

- 1.1 Take the 1/4" cross connector and attach the 4 blue pieces of bubble pipe to it.
- 1.2 Then connect all four ends of the blue bubble pipe to the four connection points inside the AirDome.
- 1.3 Finally, connect the black air line to the outside point of the AirDome. Heat the pipe in hot water to soften the pipe and to allow for an easy connection to the AirDome.
- 1.4 Simply place the AirDome at the base of your pot and cover with the medium of choice. It is advisable to use a "fluffy" mix, such as 50% soil with 50% Perlite. This will provide plenty of air pockets within the mix, maximising the effectiveness of the AirDome.

**Ask your local supplier for advice on the size of air pump required when setting up your AirDome(s)**

Using heavy soils or peat will not enhance the effectiveness of the AirDome, as they will become wet, heavy and compressed.

The AirDome should only be switched on during the daylight periods. Always ensure that warm air is blown in and around the root zone. Temperatures between 65°F and 72°F are ideal. Temperature below 41°F and above 86°F will potentially damage the roots.



### Advice

Raise your air pump higher than the AirDome(s) to prevent water from siphoning back when the pump is off or use a non-return valve.

Use a timer to turn the pump on and off when the air temperature is warm and before it gets too cool.

Many AirDomes can be linked together using 1/4" connections. For larger AirDome setups use 1/2" pipe as the supply line. Reduce the pipe at each AirDome point with the AutoPot 1/2" to 1/4" Cross Connectors (PF945IX).