

Frost Buildup during ambient temperatures below Zero °C

In ambient temperatures below zero frost will build up on the coil and frame. Defrost cycle will automatically activate to melt frost from the coil. Melted frost from the coil will accumulate in the drip tray and on the surface of the unit (this is normal and should not be removed physically). When the ambient temperature is below zero the melted frost will freeze in the tray and outside of the unit. This may block the drain and overspill around the base of the unit. This can create a hazard and care should be taken to avoid accidents.



Frost Build up on the outside



Frost Build up before defrosting



Frost on outside After defrosting

Solution to avoid accidents (Ground Low Level Installation)

To avoid accidents it is recommended :

- 1) The outdoor unit should be mounted at low level. (This will help in maintenance and aesthetics)
- 2) The outdoor unit should be installed on wall brackets (supplied as a standard accessory by Space Air) at least 100 to 150mm off the ground. (This will insure clear space to avoid build up of leaves)
- 3) A gravel pit (approx 200mm deep or more to act as a soak away) should be prepared to the width of the unit plus 100mm either side and to the depth of the unit plus 100mm. (see table below)

A curb around the outside of the pit is advisable to stop wheel barrows and lawn mower (for example) accidentally hitting the unit.



Approximate dimensions of the pit :
 Outdoor unit sizes 6, 7, 8 = 1100mm Long x 600mm Wide x 200mm Deep (min)
 Outdoor unit sizes 11, 14, 16 = 1200mm Long x 600mm Wide x 200mm Deep (min)