

When determining location of attic fan, place the solar attic fan to the north side of roof. Fan should be installed 500mm down from top of roof. Also consider shading from trees during certain times of the day.

Remove roof tiles 1.2 meters wide by 1.2 meters to allow for roof flashing. Place roof flashing under top tile by at least 150mm to allow for good water seal. Cut hole out 500mm round in roof flashing to allow for attic fan. Install roof flashing and secure with nails. Dress down lead flashing on bottom row of tiles to water seal. Apply silicone to underside of attic fan flange and secure to roof flashing with rivets or gal screws every 40mm apart. Silicone over screws or rivets and sides of attic fan.

Start re-tiling around attic fan. Tile may need to be cut for good tile coverage. Secure tiles with wire or nails.

Adjust the solar panel to the position it will collect the most sunlight throughout the day.

Complete re-installing roof tiles and check from ground level to make sure roof tiles are seating even. Task is now complete.

