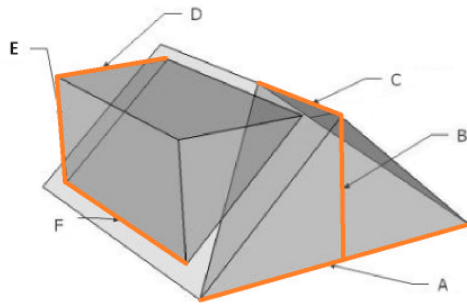


Calculation for Roof Volume

(Hip to gable with rear dormer)

- A Depth of main roof
- B Height of main roof
- C Ridge to eaves in plan
- D Projection of rear dormer
- E Height of rear dormer
- F Width of rear dormer



Volume of the rear dormer – area of the triangle x its length

Formula: $V = D \times E/2 \times F$

Volume of hip to gable segment – Pyramid – Base area x 1/3 height

Formula: $V = A \times 1/2B \times 1/3C$