

Volume Calculation

Project: 93 Western Road

Date: January 2024

Total Volume -Existing hip = 367.34^3

Total Volume - Proposed Gable = 384.99m^3

Total Addition Volume = 17.65m^3

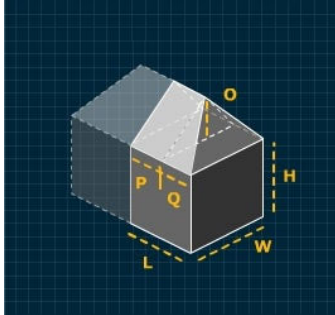
Total Volume- Proposed Dormer = 21.36^3

Total additional volume ($17.65^3\text{m} + 21.36\text{m}^3$) = 39.01m^3



Volume Calculators

Pitched roof — one end hip



Height (metres)

Width (metres)

Length (metres)

O (metres)

P (metres)

Q (metres)

Total Volume:

367.34

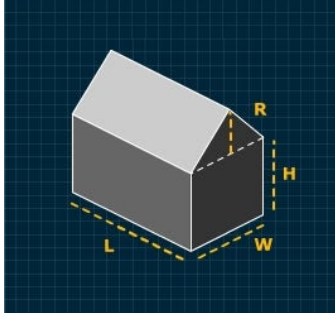
Calculate Volume

Reset



Volume Calculators

Pitched roof — two end gables



Width (metres)

Length (metres)

Height (metres)

Roof (metres)

Total Volume:

384.99

Calculate Volume

Reset

Note on taking measurements

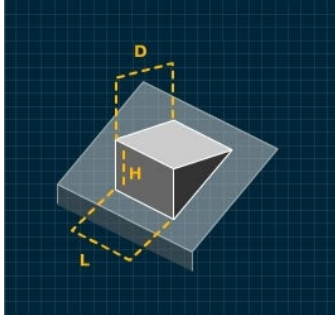
All dimensions must be based on external measurements of the building or structure involved and not internal measurements.

Disclaimer:



Volume Calculators

Dormer window — flat roof



Height (metres)

Depth (metres)

Length (metres)

Total Volume:

21.36

Calculate Volume

Reset

Note on taking measurements

All dimensions must be based on external measurements of the building or structure involved and not internal measurements.

Disclaimer:

- These calculators are based on standard building shapes.
- They should be used with care if the building you are measuring involves a combination of these forms or differs in a significant way from those in the calculator.
- If in doubt seek advice from a qualified person or your Local Planning Authority.