

Air freight volumetric (chargeable weight) calculator

Air freight calculator is based on volume measured weight also known as volumetric weight. The air freight will always be charged per kilogram against the greater weight whether it is the actual or volumetric weight.

Choose metric system

Metric (kg, cm)

Imperial (lb, inch)

Air freight chargeable weight:

Quantity (pcs):

Length, m:

Width, m:

Height, m:

Weight, kg:

Air freight chargeable weight calculation explained

- 6000 cubic centimeters per kg.
- 366 cubic inches per kg.
- 166 cubic inches per lbs (pound).

Example: Volumetric calculation

Example: Volumetric calculation 1 pallet: 140 x 100 x 90 cm Actual Volume – 1.2 x 1.0 x 0.9 = 1.26 cubic meters Calculating Volumetric Weight 1.26 Cbm Divide / by 0.006 = 210
– This will become the volumetric weight of the shipment in Kilograms.

The actual weight of the pallet may be 150 kgs from which the Airfreight will be charged against the volumetric weight 210 kgs. If the pallets actual weight is 260 Kgs it would be charged against the actual weight of the shipment.