

Calculation of refrigeration box volume.

The volume is: Length x Width x Height

The volume in litres is equal to dm^3 , why the calculation can be made in dm to receive the result direct in litres.

1 dm (decimetre) = 0.1metre = 10 cm = 100 mm.

A) Volume A section: $L1 \times W \times H$ (dm) = Litres

Alt: $L1 \times W \times H$ (ft) = cu ft

B) Volume B section: $L2 \times W \times \frac{1}{2}H$ (dm) = Litres
ft

Alt: $L2 \times W \times \frac{1}{2}H$ (ft) = cu

Total volume: A + B

1 m = 10 dm = 100 cm = 3.28 ft

1 ft = 304.8 mm = 30.48 cm = 3.048 dm = 0.348 m

1 cu ft = 28.3 litres

