

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1894

GENERAL PURPOSE SERIES 1 FREIGHT CONTAINERS
MINIMUM INTERNAL DIMENSIONS

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1894, *General purpose series 1 freight containers – Minimum internal dimensions*, was drawn up by Technical Committee ISO/TC 104, *Freight containers*, the Secretariat of which is held by the American National Standards Institute (ANSI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1894, which was circulated to all the ISO Member Bodies for enquiry in August 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Korea, Rep. of	Thailand
Belgium	Netherlands	Turkey
Chile	New Zealand	U.A.R.
Czechoslovakia	Norway	United Kingdom
Germany	Romania	U.S.A.
Greece	South Africa, Rep. of	U.S.S.R.
Israel	Spain	
Japan	Sweden	

The following Member Bodies opposed the approval of the Draft :

France
Switzerland

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

GENERAL PURPOSE SERIES 1 FREIGHT CONTAINERS

MINIMUM INTERNAL DIMENSIONS

1. SCOPE

This ISO Recommendation sets out the minimum internal dimensions of ISO series 1 general purpose freight containers (designated 1A, 1AA, 1B, 1C, 1D, 1E and 1F in ISO Recommendation R 668, *Dimensions and ratings of freight containers**).

NOTE. — It is not intended that containers of specified internal dimensions should be suitable for transport of all types of refrigerated merchandise; the internal dimensions for these containers are being studied. However, to the extent that insulation can be installed without encroachment upon the minimum internal dimensions shown below, this ISO Recommendation may also apply to insulated freight containers as well as non-insulated general purpose freight containers.

2. DIMENSIONS

The minimum internal dimensions for ISO series 1 general purpose freight containers should comply with the following Table.

TABLE — Minimum internal dimensions

Freight container designation	Minimum width		Minimum height	Minimum length		
	mm	in		mm	ft	in
1A	2299	90 $\frac{1}{2}$	Nominal container external height minus 241 mm (9 $\frac{1}{2}$ in)	11 998	39	4 $\frac{3}{8}$
1AA				11 998	39	4 $\frac{3}{8}$
1B				8 931	29	3 $\frac{5}{8}$
1C				5 867	19	3
1D				2 802	9	2 $\frac{5}{16}$
1E				1 780	5	10 $\frac{1}{16}$
1F				1 273	4	2 $\frac{1}{8}$

NOTE. — For the 2438 mm (8 ft) nominal height container, the minimum internal height is 2197 mm (86 $\frac{1}{2}$ in). For the 2591 mm (8 ft 6 in), nominal height container of nominal 12 000 mm (40 ft) length, it is 2350 mm (92 $\frac{1}{2}$ in).

The dimensions apply when measured at a temperature of 20 °C (68 °F). Measurements taken at other temperatures should be adjusted accordingly.

Where a top corner fitting projects into the internal space specified by the Table, that part of the corner fitting projecting into the container should not be considered as reducing the size of the container.