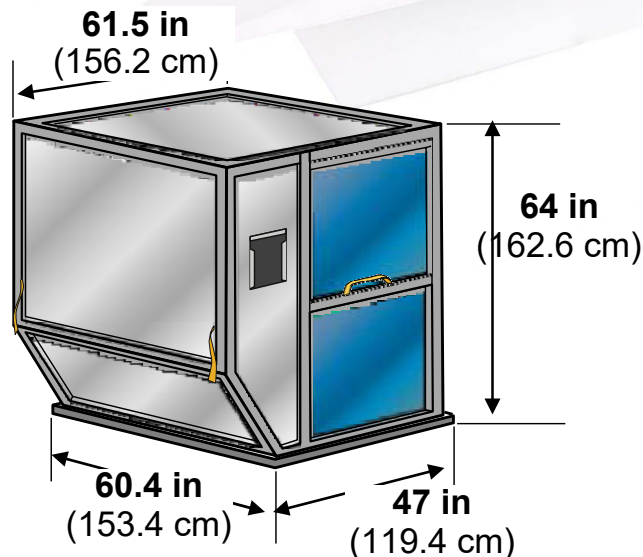
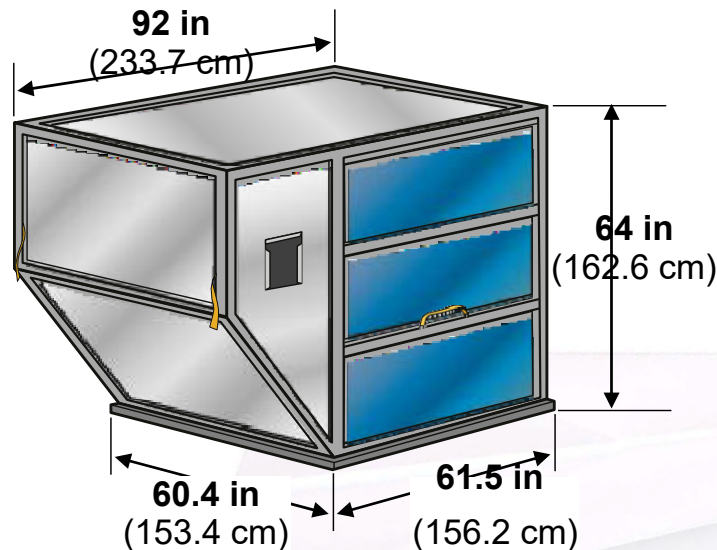


Pallets and containers

ULD specifications



Common designation: LD-1

IATA ULD code: AKC contoured container

Also known as: AVC, AVD, AVK, AVJ, and forkable AVY

Rate class: Type 8

Description: Half-width lower hold container with one angled side. Door is either canvas or solid.

Suitable for: **747, 767, 777, 787, MD-11 lower hold**

Door opening: 58 x 61-in (147 x 155-cm)

Maximum gross weight: 1,588 kg (3,501 lb)

Tare weight: 70 to 170-kg (155 to 375-lb)

AS1825 volume: 5.0 m³ (175 ft³)

Boeing volume: 5.0 m³ (175 ft³)

Common designation: LD-2

IATA ULD code: DPE contoured container

Also known as: APA, DPA, and forkable DPN

Rate class: Type 8D

Description: Half-width lower hold container with one angled side. Door is either canvas or solid.

Suitable for: **747, 767, 777, 787 lower hold**

Door opening: 44 x 60-in (112 x 152-cm)

Maximum gross weight: 1,225 kg (2,700 lb)

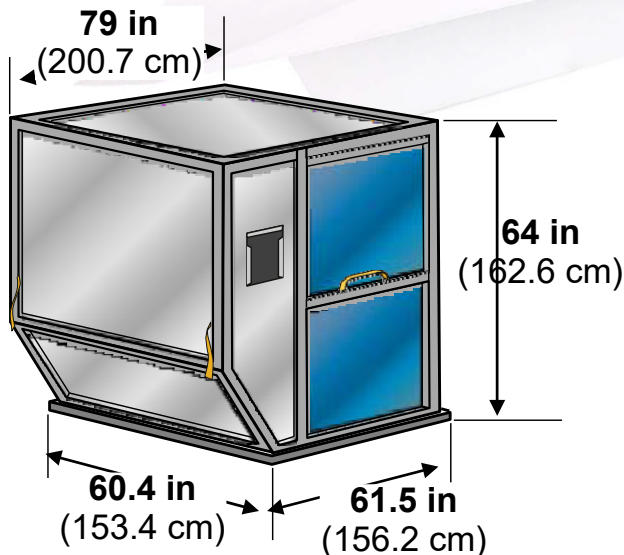
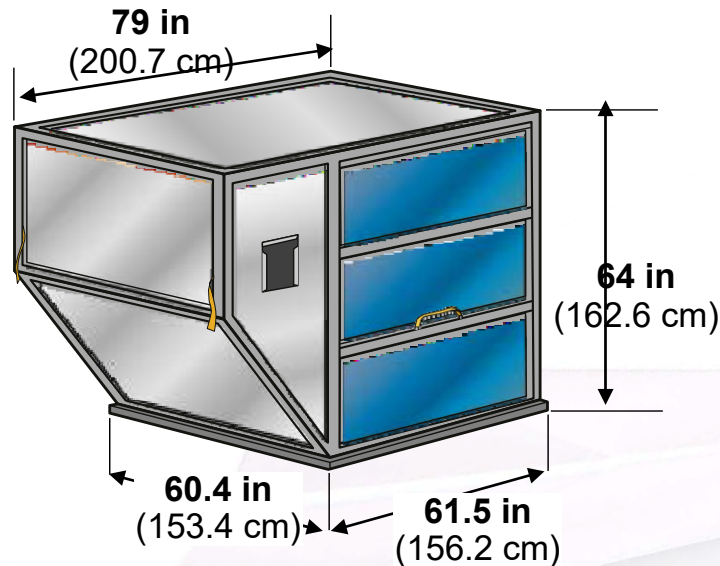
Tare weight: 92 kg (203 lb)

AS1825 volume: 3.5 m³ (124 ft³)

Boeing volume: 3.5 m³ (124 ft³)

Pallets and containers

ULD specifications



Common designation: LD-3

IATA ULD code: AKE contoured container

Also known as: AKE, AVA, AVB, AVC, AVK, DVA, DVE, DVP, XKS, XKG, and forkable AKN, AVN, DKN, DVN, and XKN

Rate class: Type 8

Description: Half-width lower hold container with one angled side. Door is either canvas or solid.

Suitable for: 747, 767, 777, 787, DC-10, MD-11 lower hold

Door opening: 58 x 61-in (147 x 155-cm)

Maximum gross weight: 1,588 cm (3,500 lb)

Tare weight: 82 kg (181 lb)

AS1825 volume: 4.5 m³ (159 ft³)

Boeing volume: 4.5 m³ (160 ft³)

Common designation: LD-3 Reefer

IATA ULD code: RKN contoured cool container

Also known as: RVN

Rate class: Type 8

Description: Half-width lower hold insulated container with one angled end. Door is solid. Most examples are forkable.

Suitable for: 747, 767, 777, 787, DC-10, MD-11 lower hold

Door opening: 54 x 55-in (137 x 140-cm)

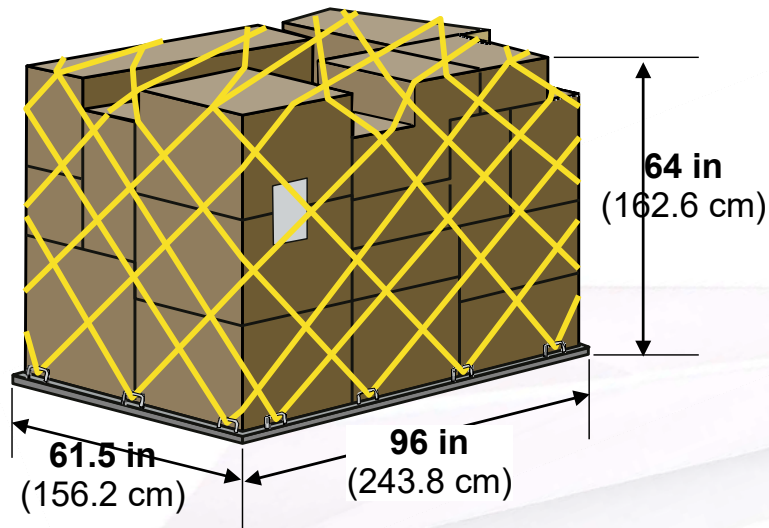
Maximum gross weight: 1,588 cm (3,500 lb)

Tare weight: 210 kg (463 lb)

AS1825 volume: 4.5 m³ (159 ft³) plus internal volume (as is)

Pallets and containers

ULD specifications



Common designation: Half pallet

IATA ULD code: PNA 767 half pallet with net

Also known as: PQP, FQF, and PPC

Rate class: Type 8

Description: Half pallet squared off for 767 lower hold

Suitable for: 767, 787 lower hold

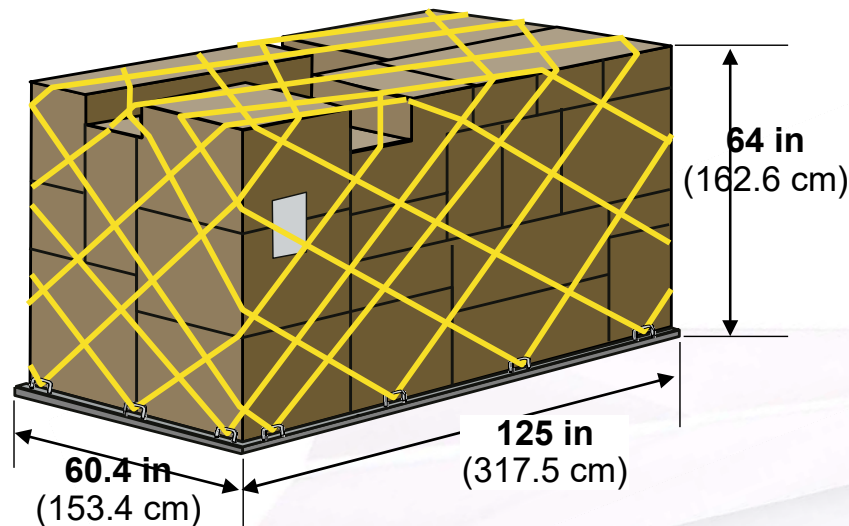
Maximum gross weight: 2,449 kg (5,399 lb)

Tare weight: 83 kg (183 lb)

AS1825 volume: 5.5 m³ (194 ft³)

Pallets and containers

ULD specifications



Common designation: Half pallet

IATA ULD code: PLA half pallet with net

Also known as: PLB, FLA, P9A, P9B, P9P, P9R, and P9S

Rate class: Type 6

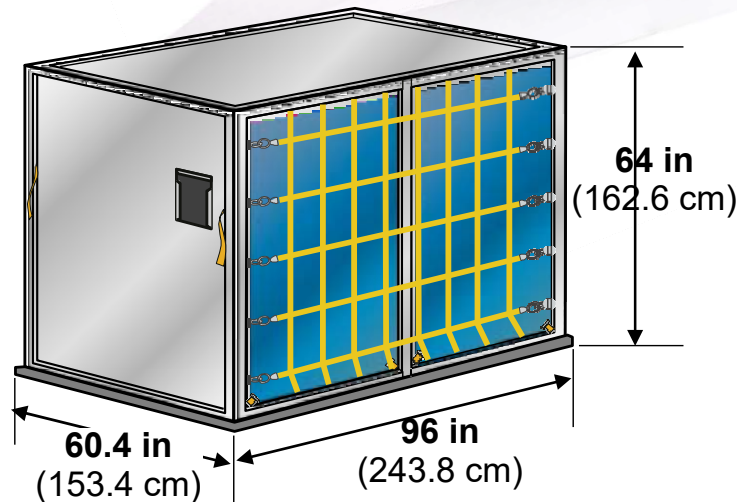
Description: Half pallet is contoured for lower hold and main deck.

Suitable for: **747, 777, 787 lower hold; 707F, 727F, 737F main deck with contoured load**

Maximum gross weight: 3,175 kg (6,999 lb)

Tare weight: 91 kg (200 lb)

AS1825 volume: 7.1 m³ (250 ft³)



Common designation: LD-4

IATA ULD code: ALP rectangular container

Also known as: ALD, AWD, AWZ, DLP, and forkable ALB, ALC, AWB, and AWC

Rate class: Type 8

Description: Full-width lower hold container. Door is canvas with built-in door straps.

Suitable for: **767, 777, 787 lower hold**

Door opening: 92 x 61-in (234 x 155-cm)

Maximum gross weight: 2,449 kg (5,399 lb)

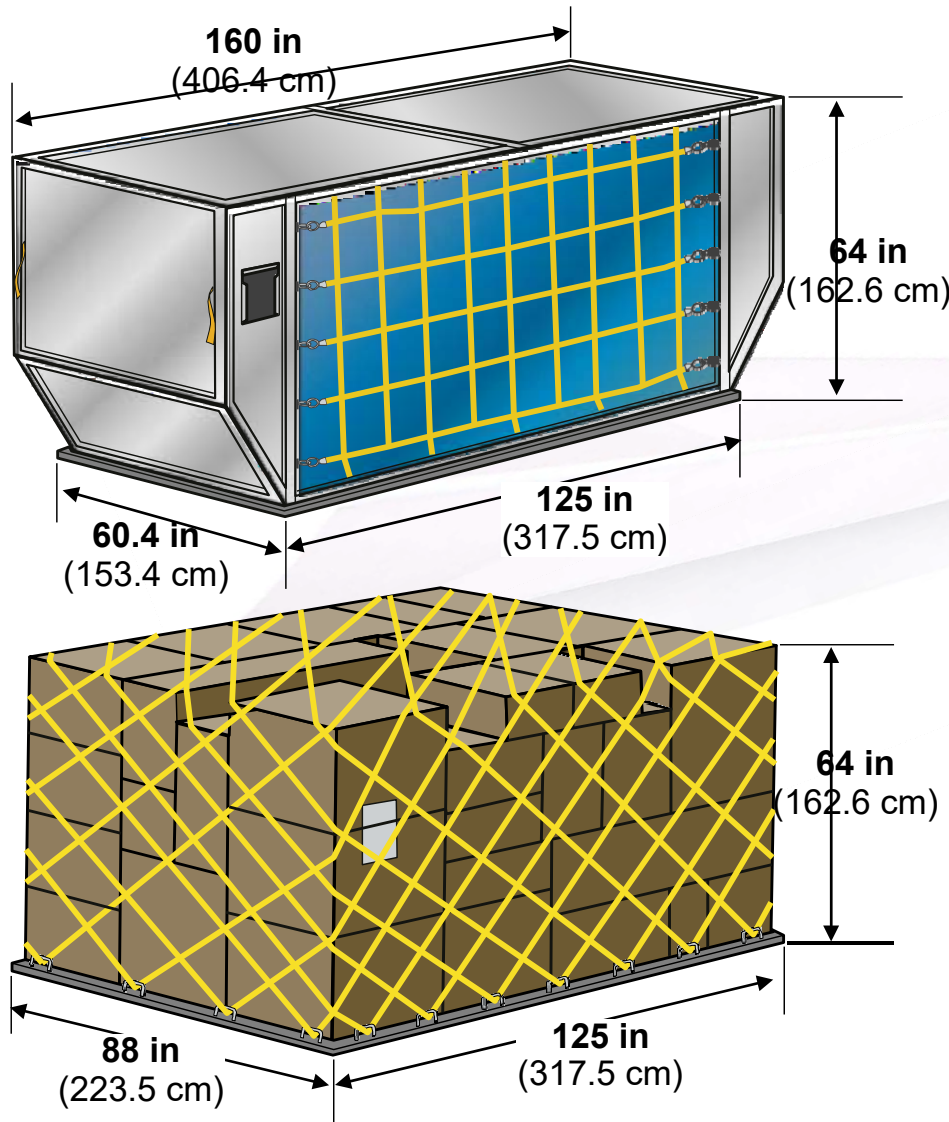
Tare weight: 120 kg (264 lb)

AS1825 volume: 5.7 m³ (200 ft³)

Boeing volume: 5.5 m³ (195 ft³)

Pallets and containers

ULD specifications



Common designation: LD-6

IATA ULD code: ALF contoured container

Also known as: AWA, AWF, and forkable AWC

Rate class: Type 6W

Description: Full-width lower hold container with angled ends.

Door is canvas with built-in door straps.

Suitable for: **747, 777, 787, DC-10, MD-11 lower hold**

Door opening: 120 x 60-in (305 x 152-cm)

Maximum gross weight: 3,175 kg (7,000 lb)

Tare weight: 230 kg (507 lb)

AS1825 volume: 9.1 m³ (322 ft³)

Boeing volume: 8.9 m³ (316 ft³)

Common designation: LD-7

IATA ULD code: P1P flat pallet with net

Also known as: PAA, PAG, PAJ, PAP, PAX, P1A, P1C, P1D, and P1G

Rate class: Type 5

Description: Universal general-purpose flat pallet for lower holds and main decks.

Suitable for: **Widebody: All aircraft lower holds and main decks**

Standard-body: 707F, 727F, 737F, 757F, DC8F, DC9F main decks

Maximum gross weight: 4,626 kg (10,198 lb)

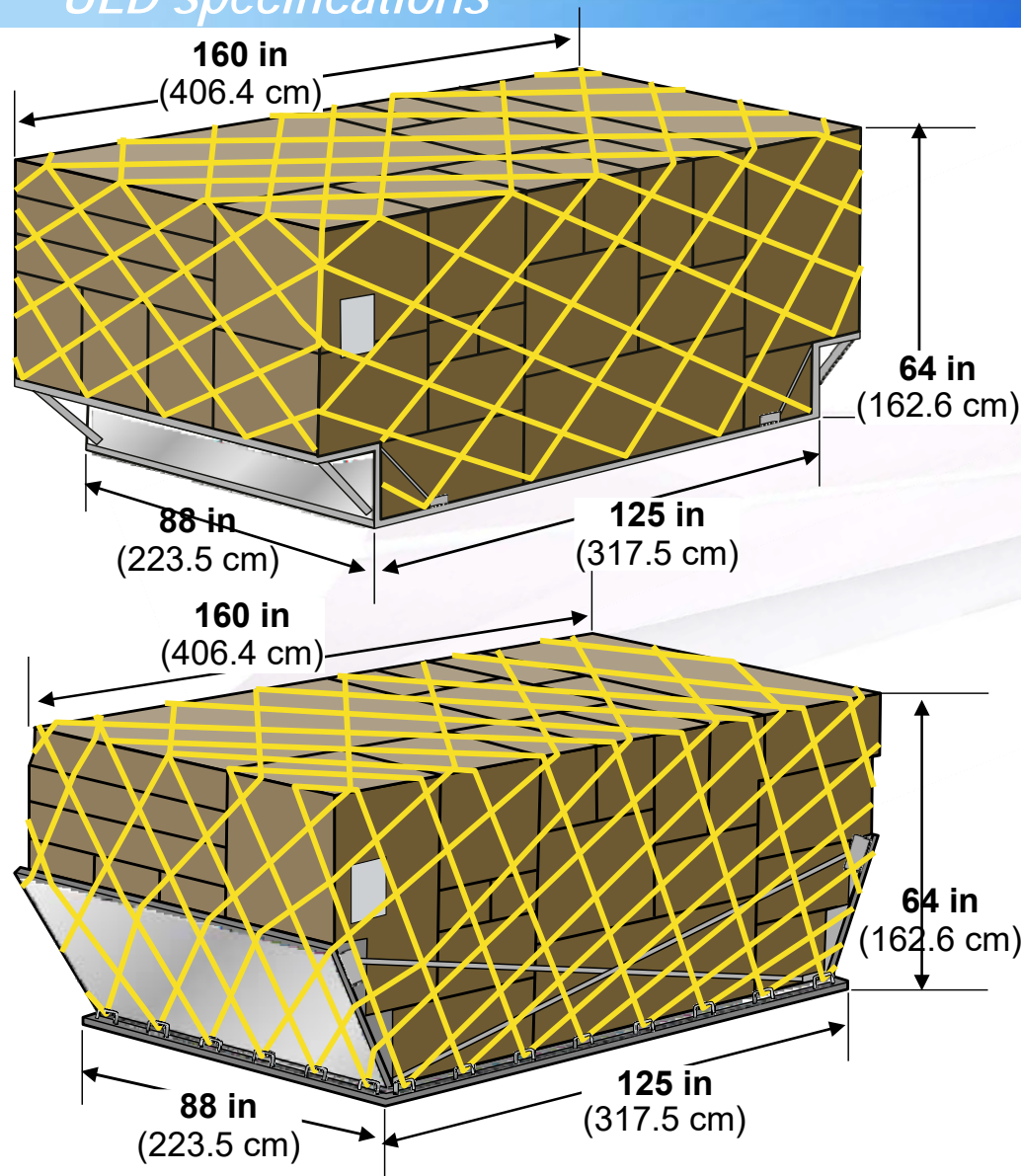
Tare weight: 105 kg (231 lb)

AS1825 volume: 10.5 m³ (370 ft³)

Boeing volume: 10.7 m³ (379 ft³)

Pallets and containers

ULD specifications



Common designation: LD-7

IATA ULD code: PAD P1P pallet with folding wings and net

Also known as: PAX and P1X

Rate class: Type 5

Description: P1P base with folding wings for overhang.

Suitable for: **747, 777, 787, DC-10, MD-11 lower holds**

Maximum gross weight: 5,000 kg (11,023 lb)

Tare weight: 152 kg (335 lb)

AS1825 volume: 14.0 m³ (495 ft³)

Common designation: LD-7

IATA ULD code: XAW P1P pallet with fixed-angle wings and net

Rate class: Type 5

Description: P1P base with fixed wings for overhang.

Suitable for: **747, 777, 787, DC-10, MD-11 lower holds**

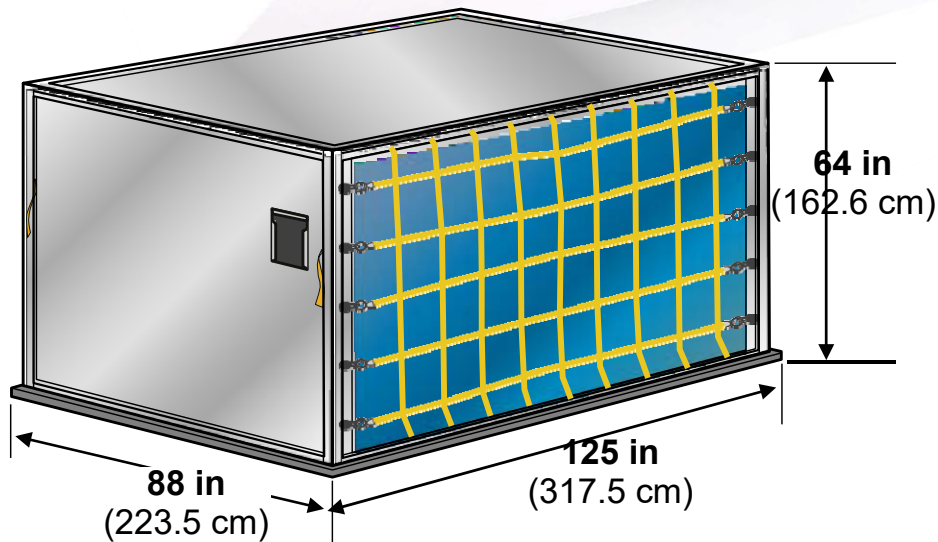
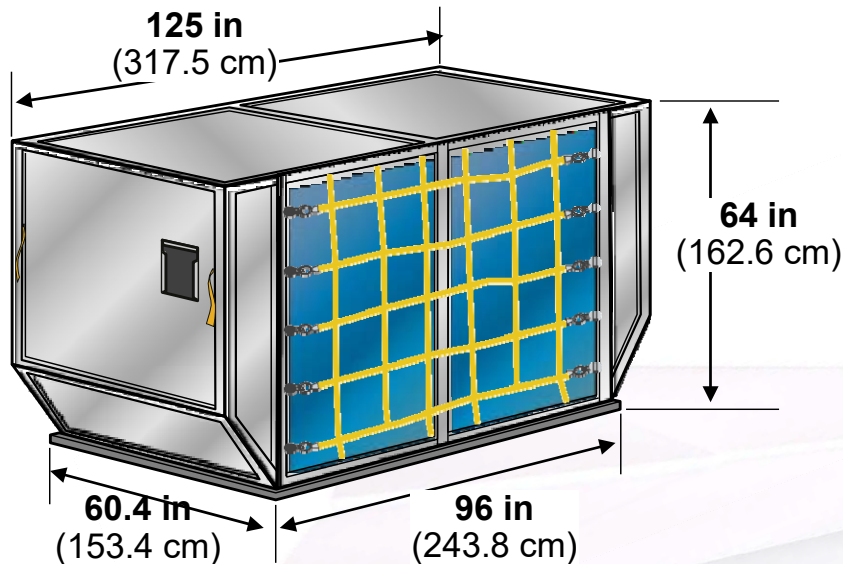
Maximum gross weight: 5,000 kg (11,023 lb)

Tare weight: 170 kg (375 lb)

AS1825 volume: 14.0 m³ (495 ft³)

Pallets and containers

ULD specifications



Common designation: LD-8

IATA ULD code: DQF

Also known as: ALE, ALN, DLE, DLF, DQP, and MQP

Rate class: Type 6A

Description: Full-width lower hold container angled at both ends. Door is canvas with built-in door straps.

Suitable for: **767, 787 lower hold**

Door opening: 92 x 62-in (234 x 157-cm)

Maximum gross weight: 2,450 kg (5,401 lb)

Tare weight: 127 kg (280 lb)

AS1825 volume: 7.1 m³ (252 ft³)

Boeing volume: 6.9 m³ (245 ft³)

Common designation: LD-9

IATA ULD code: AAP enclosed pallet on P1P base

Rate class: Type 5

Description: General-purpose enclosed container fitted to P1P base. Door is canvas with built-in net door straps, or solid.

Suitable for: **747, 767, 777, 787, DC-10, MD-11 lower hold**

Door opening: 118 x 58 in (300 x 147-cm)

Maximum gross weight: Lower hold, 4,624 kg (10,194 lb); main deck, 6,000 kg (13,227 lb)

Tare weight: Canvas door, 215 kg (473 lb);

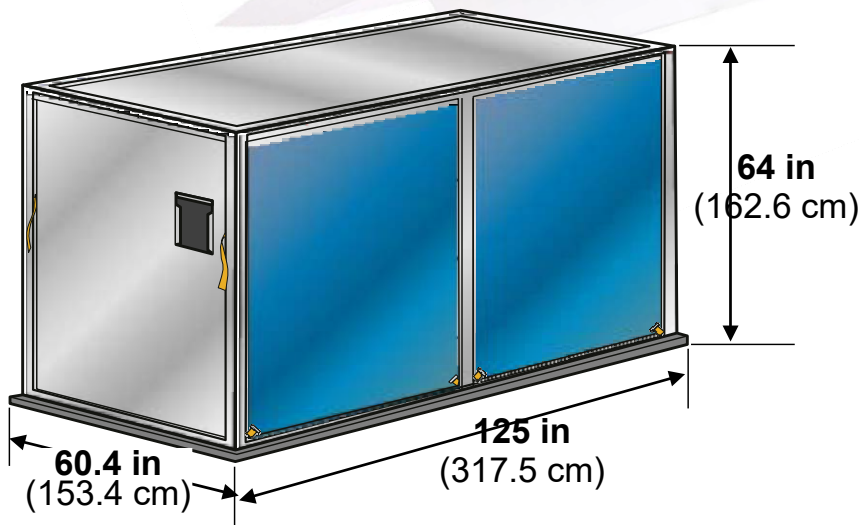
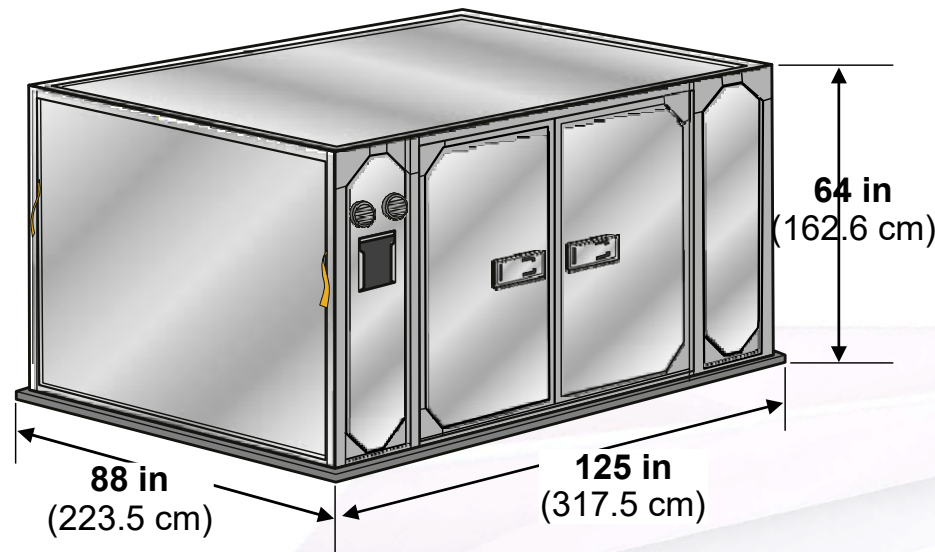
solid door, 270 kg (595 lb)

AS1825 volume: 10.8 m³ (381 ft³)

Boeing volume: 10.8 m³ (381 ft³)

Pallets and containers

ULD specifications



Common designation: LD-9 Reefer

IATA ULD code: RAP cool container on P1P base

Rate class: Type 5

Description: Insulated container with solid door.

Suitable for: **747, 767, 777, 787, DC-10, MD-11 lower hold**

Door opening: 85 x 58-in (216 x 147-cm)

Maximum gross weight: Lower hold, 4,626 kg (10,198 lb);
main deck, 6,000 kg (13,227 lb)

Tare weight: 400 kg (882 lb)

Internal volume: 9.6 m³ (339 ft³)

Common designation: LD-11

IATA ULD code: ALP rectangular container

Also known as: ALD, AW2, AWB, AWD, AWZ, DLP, DWB,
and MWB. Refrigerated version: RWB, RWD, and RWZ.

Rate class: Type 6

Description: Full-width lower hold container. Door is canvas.
Center post swings clear for loading. Refrigerated version
has solid door.

Suitable for: **747, 777, 787, DC-10, MD-11 lower hold**

Door opening: 120 x 61-in (305 x 155-cm)

Maximum gross weight: 3,176 kg (7,002 lb)

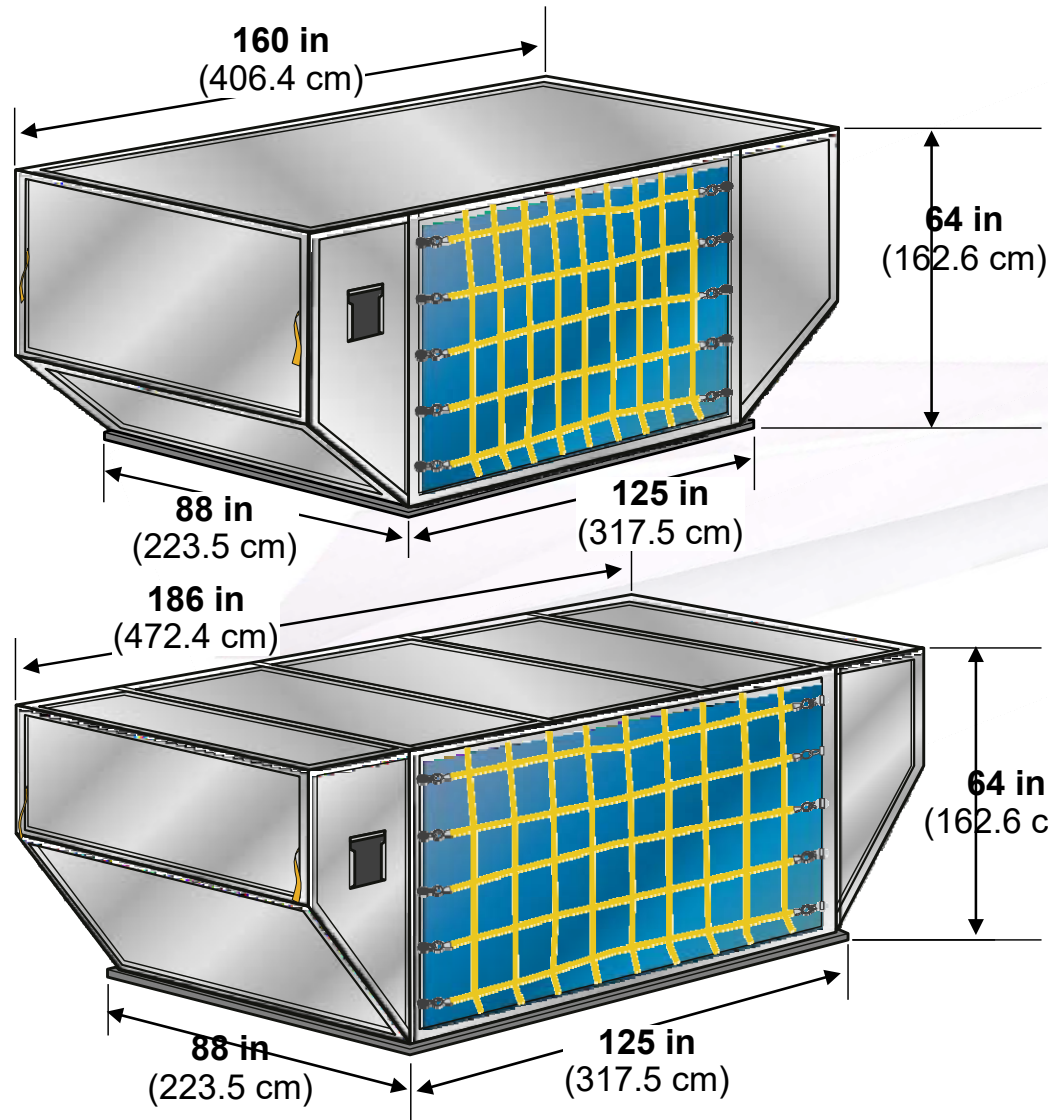
Tare weight: 185 kg (408 lb)

AS1825 volume: 7.4 m³ (262 ft³)

Boeing volume: 7.2 m³ (256 ft³)

Pallets and containers

ULD specifications



Common designation: LD-26

IATA ULD code: AAF contoured container on P1P base
Rate class: Type 5

Description: Full-width lower hold container angled at both ends. Door is canvas with built-in net door straps.
Suitable for: **747, 777, 787, DC-10, MD-11 lower hold**

Door opening: 120 x 60-in (305 x 152-cm)

Maximum gross weight: 6,033 kg (13,300 lb)

Tare weight: 250 kg (551 lb)

AS1825 volume: 13.3 m³ (470 ft³)

Common designation: LD-29

IATA ULD code: AAU contoured container on P1P base
Rate class: Type 5

Description: Full-width lower hold container angled at both ends. Door is canvas with built-in net door straps.
Suitable for: **747 lower hold**

Door opening: 118 x 60-in (300 x 152-cm)

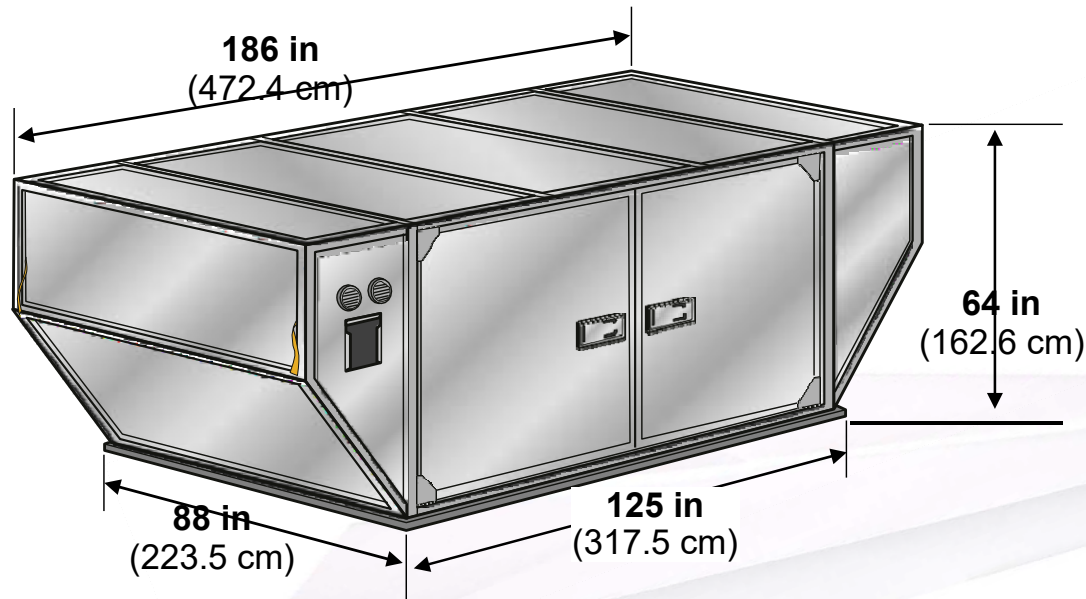
Maximum gross weight: 6,033 kg (13,300 lb)

Tare weight: 265 kg (584 lb)

AS1825 volume: 14.4 m³ (510 ft³)

Pallets and containers

ULD specifications



Common designation: LD-29

IATA ULD code: RAU contoured cool container on P1P base.

Rate class: Type 5

Description: Full-width lower hold container angled at both ends. Refrigerated version of AAU has solid door.

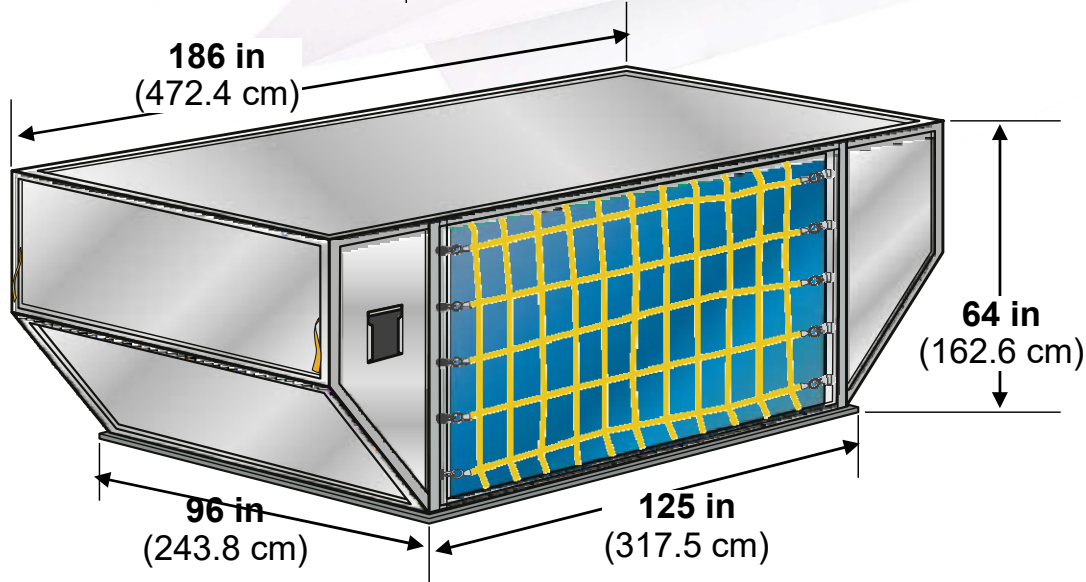
Suitable for: **747 lower hold**

Door opening: 118 x 60-in (300 x 152-cm)

Maximum gross weight: 6,033 kg (13,300 lb)

Tare weight: 450 kg (992 lb)

Internal volume: 11.1 m³ (392 ft³)



Common designation: LD-39

IATA ULD code: AMU contoured container on P6P base

Rate class: Type 2BG

Description: Full-width lower hold container angled at both ends. Door is canvas with built-in net door straps.

Suitable for: **747 lower hold**

Door opening: 120 x 60-in (305 x 152-cm)

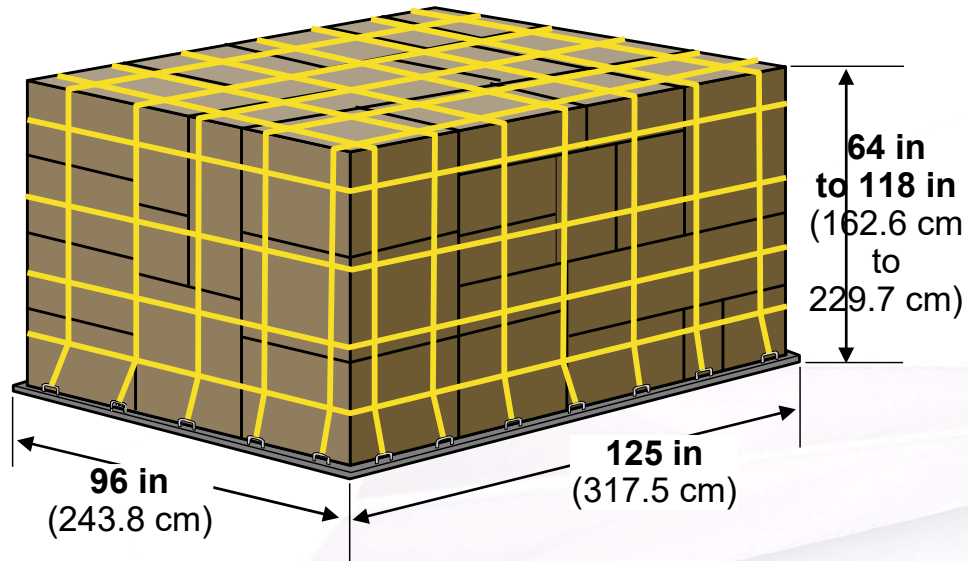
Maximum gross weight: 5,035 kg (11,100 lb)

Tare weight: 290 kg (639 lb)

AS1825 volume: 15.9 m³ (560 ft³)

Pallets and containers

ULD specifications



Common designation: P6P pallet

IATA ULD code: P6P 10-ft flat pallet with net

Rate class: Type 2BG

Description: Universal general-purpose flat pallet for lower holds and main decks.

Suitable for: **747, 767, 777, 787, DC-10, MD-11**

Tare weight: 120 kg (265 lb)

AS1825 volume: H 162.6 cm (64 in), 11.5 m³ (407 ft³)
H 243.8 cm (96 in), 17.0 m³ (600 ft³)
H 299.7 cm (118 in), 21.2 m³ (750 ft³)

Boeing volume: H 162.2 cm (64 in), 11.7 m³ (415 ft³)
H 243.8 cm (96 in), 17.0 m³ (600 ft³)
H 299.7 cm (118 in), 21.2 m³ (750 ft³)

Common designation: Demi

IATA ULD code: AYY contoured container on half pallet base.

Rate class: Type 7

Description: Half-width main deck container with top contour

Suitable for: **727F, 737F, 757F main deck**

747F, 767F, 777F, DC-10F, MD-11F main deck

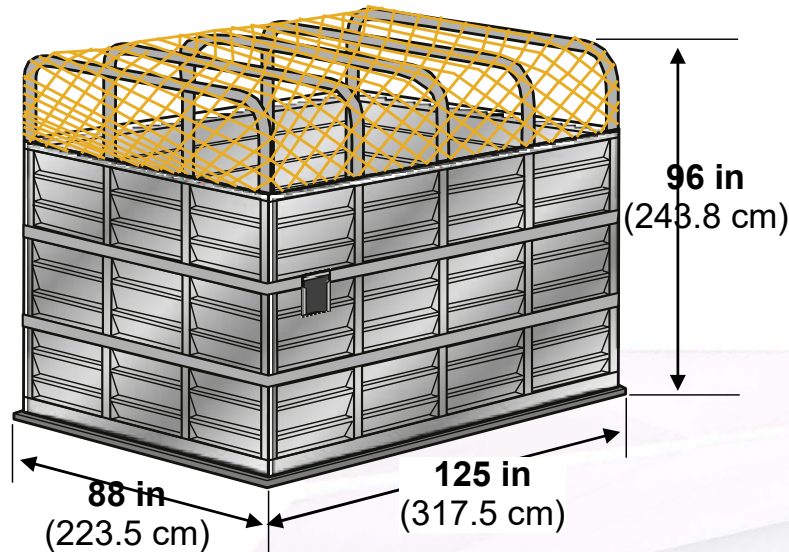
Maximum gross weight: 3,016 kg (6,649 lb)

Tare weight: 80 kg (176 lb)

AS1825 volume: 5.8 m³ (206 ft³)

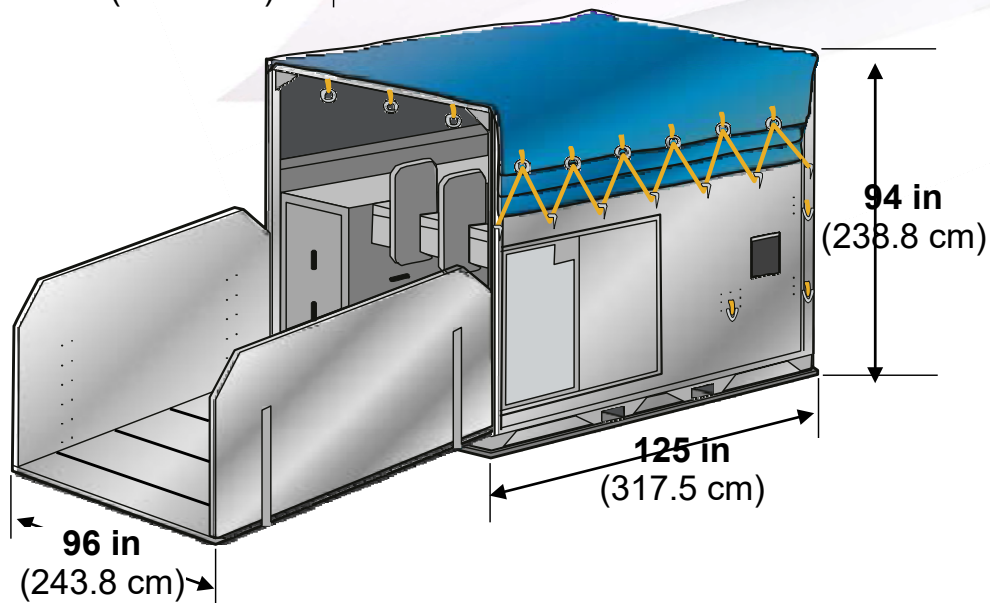
Pallets and containers

ULD specifications



Common designation: Type A pen

IATA ULD code: KMA sheep and goat pens on P1P base with net
Rate class: Type 3
Description: Triple-deck sheep and goat pens
Suitable for: **Main deck 747F, 767F, 777F, DC-10F, MD-11F**
Tare weight: Triple deck, 610 kg (1,344 lb);
AS1825 volume: 15.9 m³ (560 ft³)

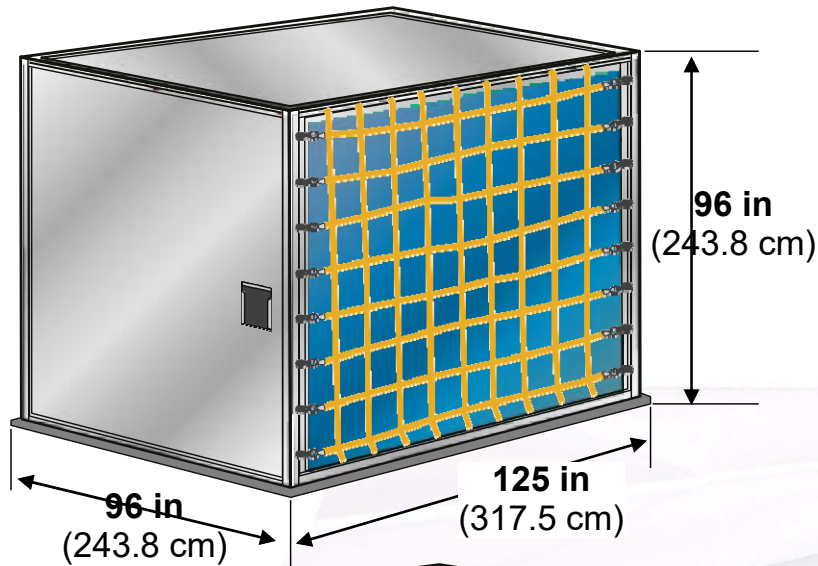


Common designation: HMA stall

IATA ULD code: HMA horse box on P6P pallet base
Rate class: Type 2
Description: P6P base with IATA-specified horse box stalls attached. Available with canvas top or solid roof. Some further modified versions available with position for escort.
Suitable for: **Main deck 747F, 767F, 777F, DC-10F, MD-11F**
Maximum gross weight: 3,500 kg (7,716 lb)
Tare weight: 1,310 kg (2,888 lb)
AS1825 volume: 18.4 m³ (653 ft³)

Pallets and containers

ULD specifications



Common designation: M-1

IATA ULD code: AMA rectangular container on P6P base

Rate class: Type 2

Also known as: AMF, AMG, AMK, AMP, AQA, AQD, and AQ6

Description: Main-deck container. Door is canvas with built-in net door straps.

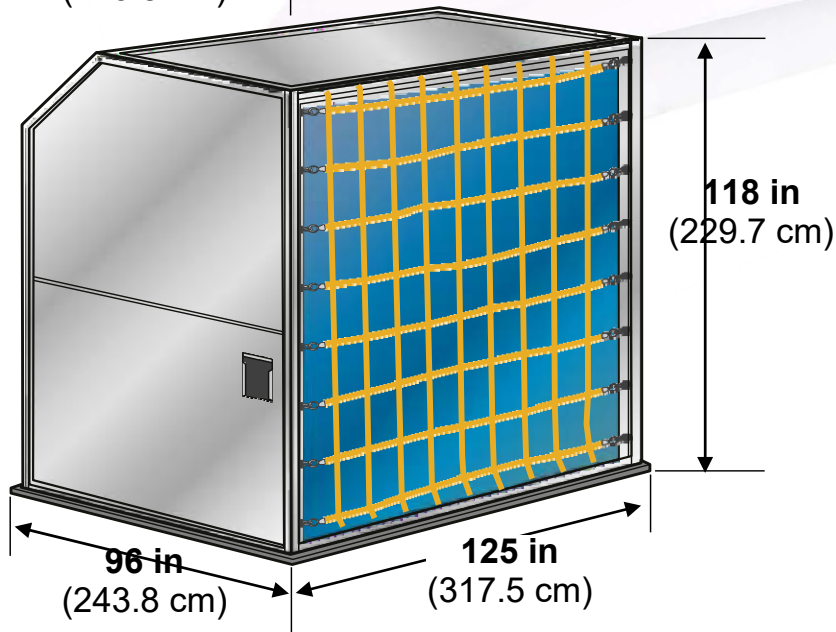
Suitable for: 747F, 747 Combi

777F center loading only

Maximum gross weight: 6,804 kg (15,000 lb)

Tare weight: 350 kg (772 lb),

AS1825 volume: 17.6 m³ (623 ft³)



Common designation: M1H

IATA ULD code: AMD contoured

Rate class: Type 2H

Description: Main-deck upper contoured container. Door is canvas with built-in net door straps.

Suitable for: 747F, 747 Combi

777F center loading only

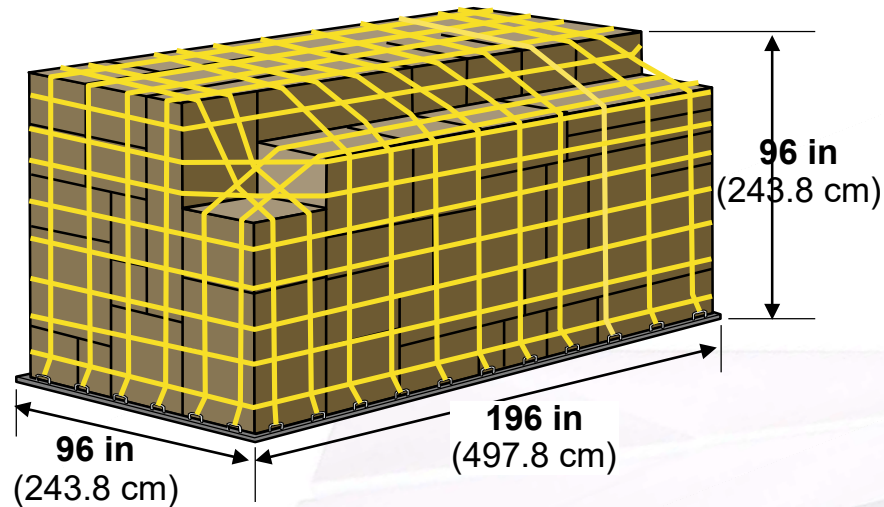
Maximum gross weight: 6,800 kg (14,991 lb)

Tare weight: 370 kg (816 lb)

AS1825 volume: 21.2 m³ (750 ft³)

Pallets and containers

ULD specifications



Common designation: Main deck pallet (MDP)

IATA ULD code: PRA 16-ft pallet with net

Rate class: Type 1P

Also known as: PMA, P4A, P4M, and PZA

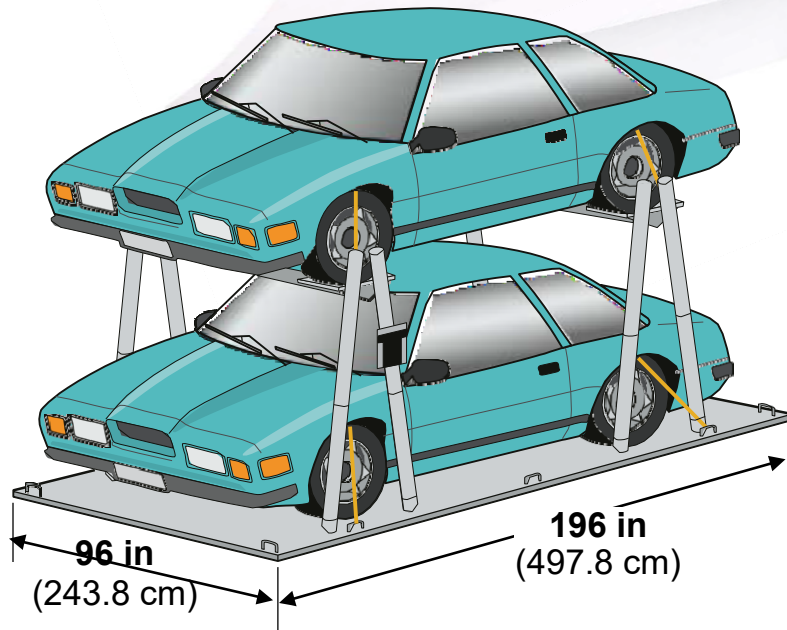
Description: Main-deck pallet with net

Suitable for: 747F, 747 Combi, 777F

Maximum gross weight: 11,300 kg (24,911 lb)

Tare weight: 410 kg (904 lb)

AS1825 volume: 27.6 m³ (974 ft³)



Common designation: M-6

IATA ULD code: PRA 16-ft flat pallet with twin car racks as VRA

Rate class: Type 1P

Also known as: PMA, P4A, P4M, and PZA

Description: Main-deck pallet with special moulding for car rack attachments. The support racks are available in pairs as IATA ULD code VRA.

Suitable for: 747F, 747 Combi, 777F (center loading only)

Maximum gross weight: 8,900 kg (19,621 lb), vehicle for upper rack must not exceed 1,800 kg (3,968 lb)

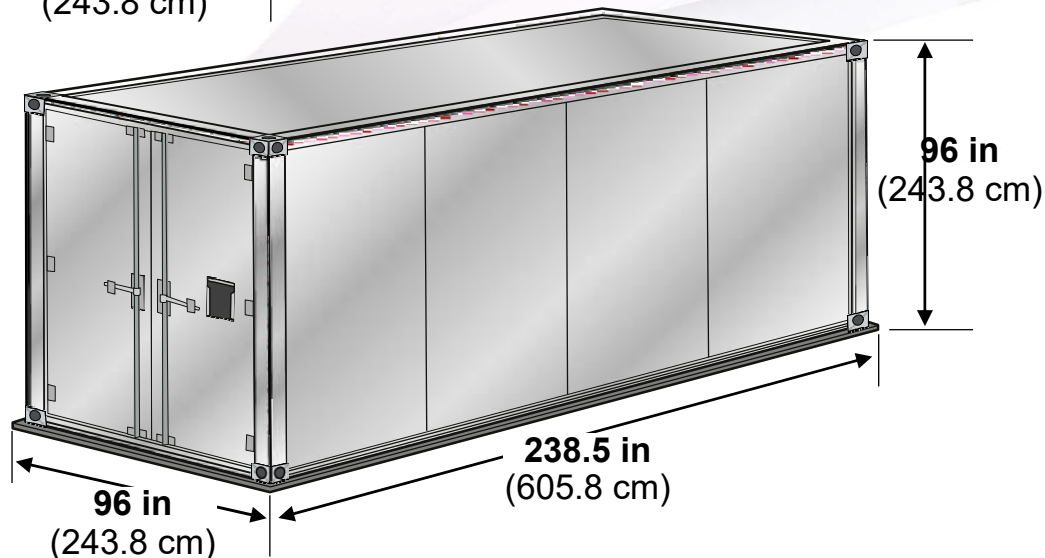
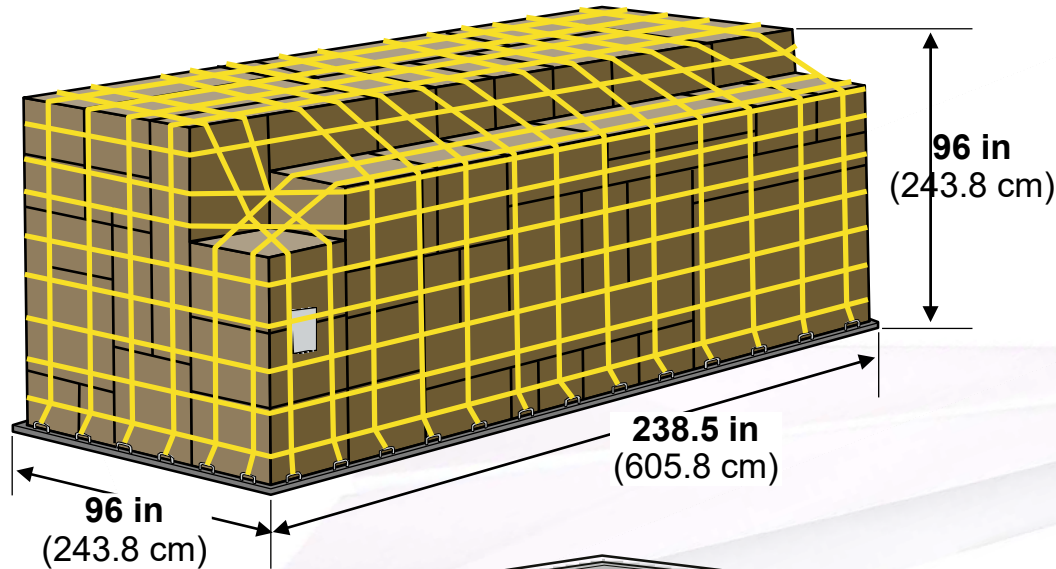
Tare weight: 400 kg (882 lb)

Car supports weight: 130 kg (286 lb) per pair

Note: The same system is available for longer vehicles on 20-ft pallet. The only increase in weight is the pallet tare weight: 500 kg (1,102 lb).

Pallets and containers

ULD specifications



Common designation: M-6

IATA ULD code: PGA 20-ft flat pallet with net

Rate class: Type 1

Also known as: PGA, PGE, PGF, PSA, PSG, P7E, P7F, and P7G

Description: Main-deck pallet squared off to 244 cm (96 in) high.

Suitable for: **747F, 747 Combi, 777F**

Maximum gross weight: 11,340 kg (25,000 lb)

Tare weight: 500 kg (1,102 lb)

AS1825 volume: 33.7 m³ (1,190 ft³)

Common designation: M-2

IATA ULD code: AGA 20-ft box container

Rate class: Type 1

Also known as: ASE

Description: Main-deck container. Door is solid.

Suitable for: **747F, 747 Combi**

777F center loading only

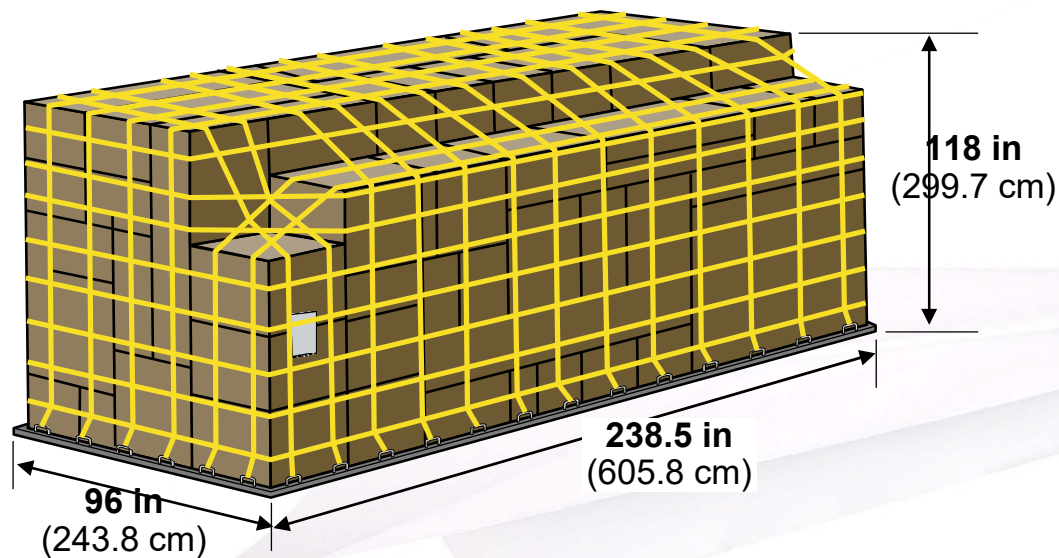
Maximum gross weight: 11,340 kg (25,000 lb)

Tare weight: 1,000 kg (2,204 lb)

AS1825 volume: 33.7 m³ (1,190 ft³)

Pallets and containers

ULD specifications



Common designation: M-6

IATA ULD code: PGA 10-ft high, 20-ft flat pallet with net

Rate class: Type 1

Also known as: PGA, PGE, PGF, PSA, PSG, P7A, P7E, P7F, and P7G

Description: Main-deck pallet squared off to 299.7 cm (118 in) high.

Suitable for: 747 Combi, 777F

747F through side cargo door only

Maximum gross weight: 11,340 kg (25,000 lb)

Tare weight: 500 kg (1,102 lb)

AS1825 volume: 39.6 m³ (1,400 ft³)

Pallets and containers

ULD specifications

