

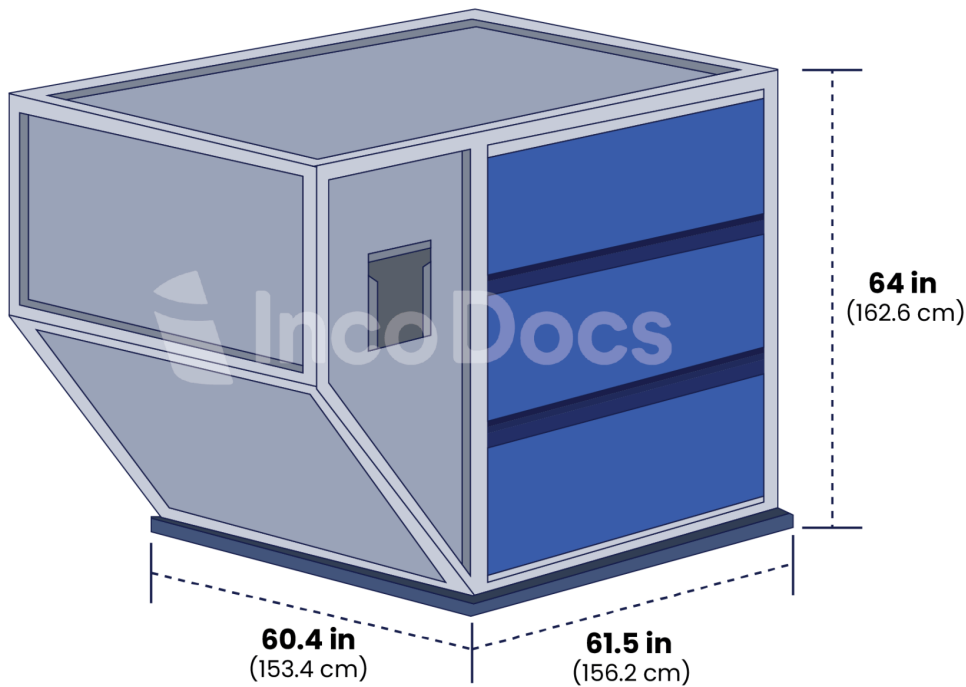
ULD SPECIFICATIONS



The following images and specifications illustrates the average external dimensions and weight limitations of popular ULDs. These images are to be used as a guide only. Please note that the exact weight limitations and dimensions will vary by manufacturer.

LD-1 Unit Load Device

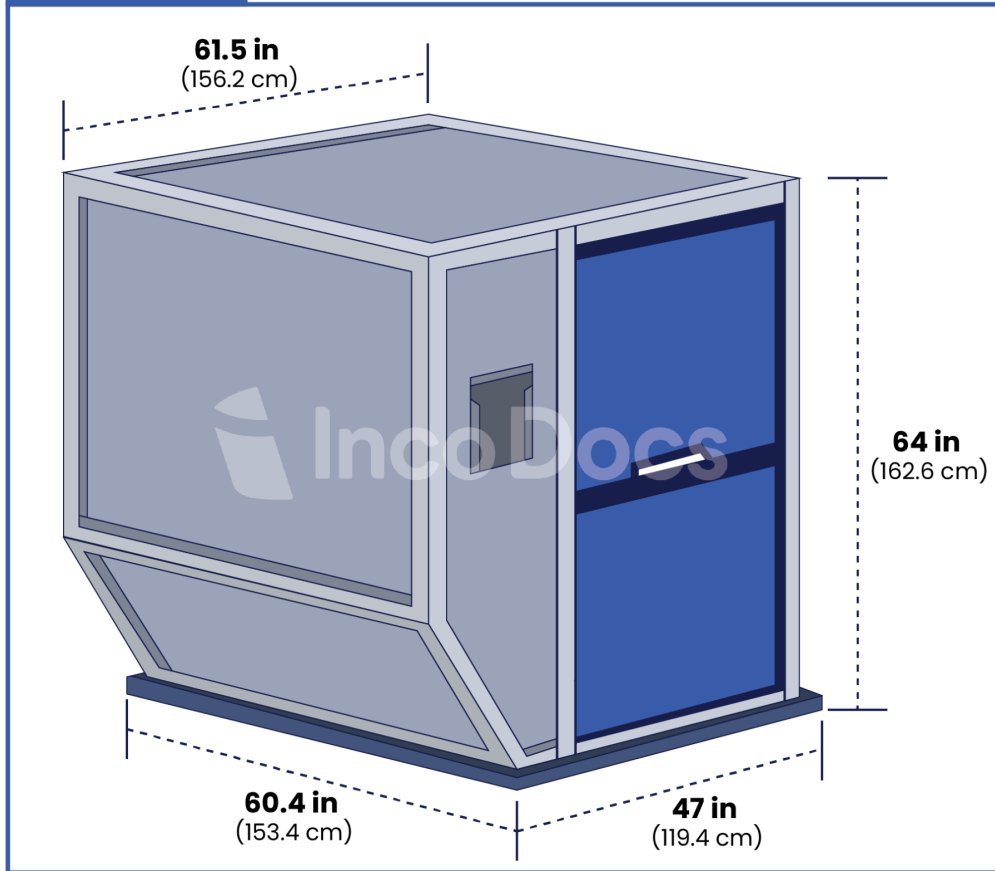
LD-1



- **IATA ULD code:** AKC contoured container
- **Prefixes:** 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.
- **Loadability:** 747, 767, 777, 787, MD-11 lower hold
- **Door opening:** 147 x 155 cm (58 x 61 in)
- **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)

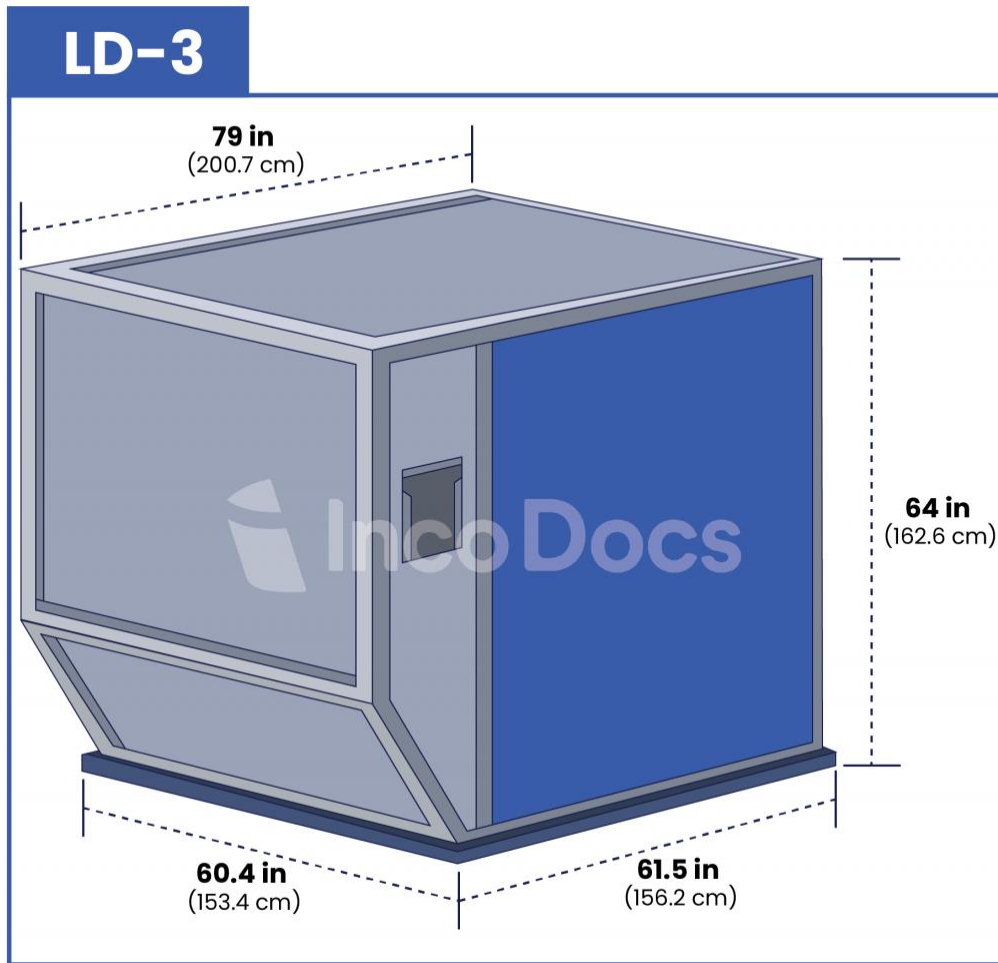
LD-2 Unit Load Device

LD-2



- **IATA ULD code:** DPE contoured container
- **Prefixes:** 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)

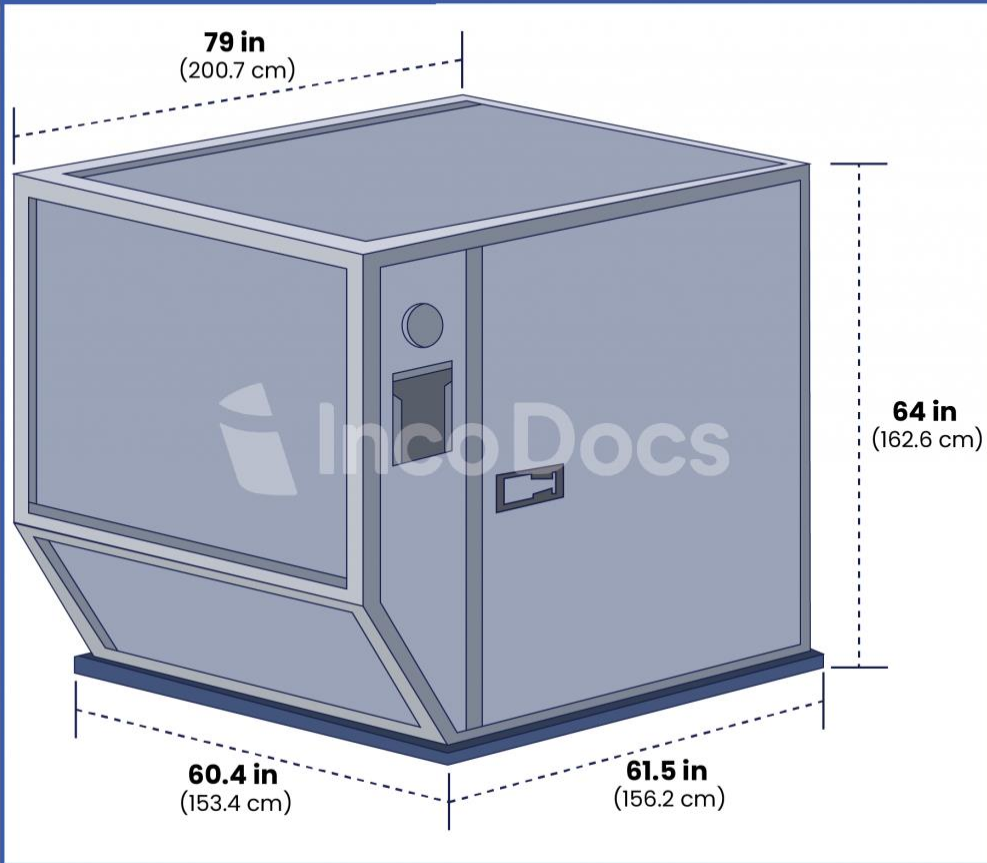
LD-3 Unit Load Device



- **IATA ULD code:** AKE contoured container
- **Prefixes:** 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 deck container with one angled side. Door is either canvas or solid.
- **Loadability:** A300, A310, A330, A340, 747, 767, 777, DC-10, MD-11, and L-1011
- **Door opening:** 58 x 61 in (147 x 155 cm)
- **Maximum gross weight:** 3,500 lb (1,588 kg)
- **Tare weight:** 181 lb (82 kg)
- **AS1825 volume:** 159 ft³ (4.5 m³)

LD-3 Reefer Unit Load Device

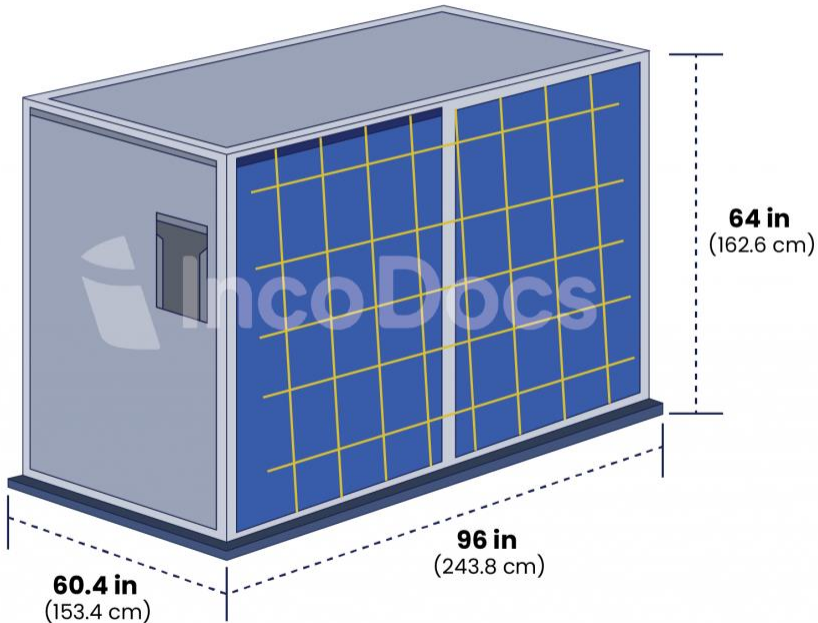
LD-3 Reefer



- **IATA ULD code:** RKN contoured cool container
- **Prefixes:** 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
- **Maximum gross weight:** 1,588 kg (3,500 lb)
- **Tare weight:** 210 kg (463 lb)
- **AS1825 volume:** 4.5 m³ (159 ft³) plus internal volume (as is)

LD-4 Unit Load Device

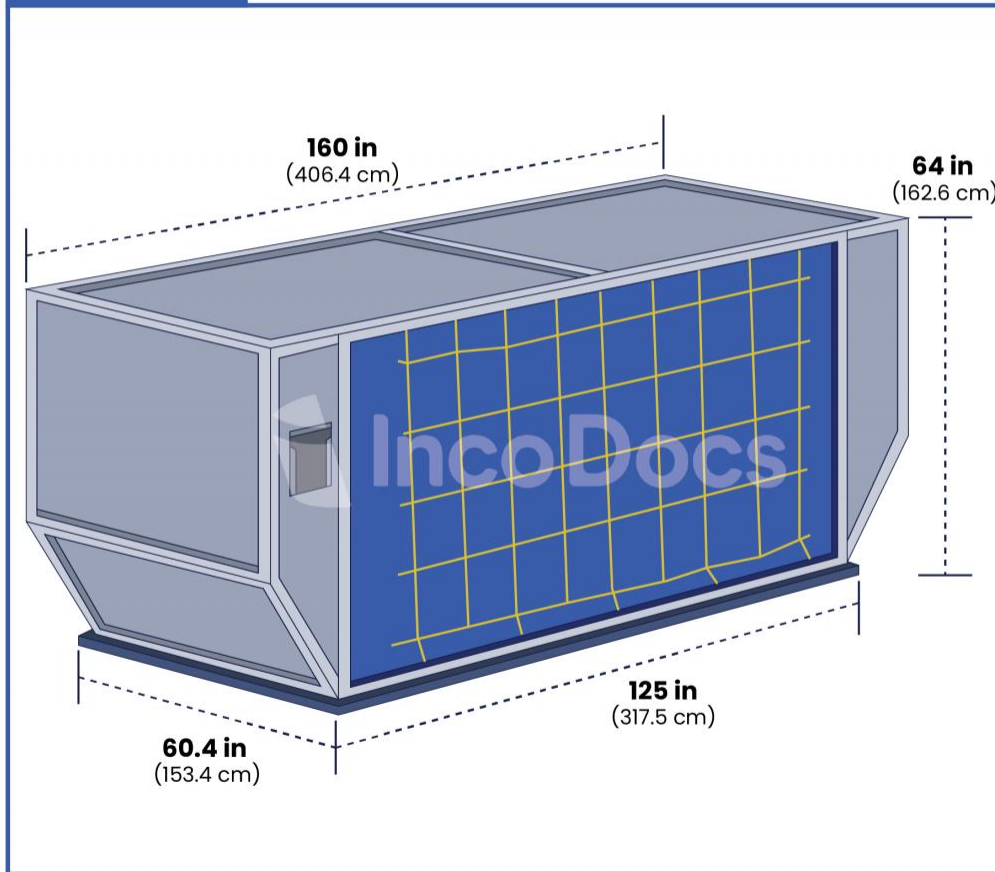
LD-4



- **IATA ULD code:** ALP rectangular container
- **Prefixes:** 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)

LD-6 Unit Load Device

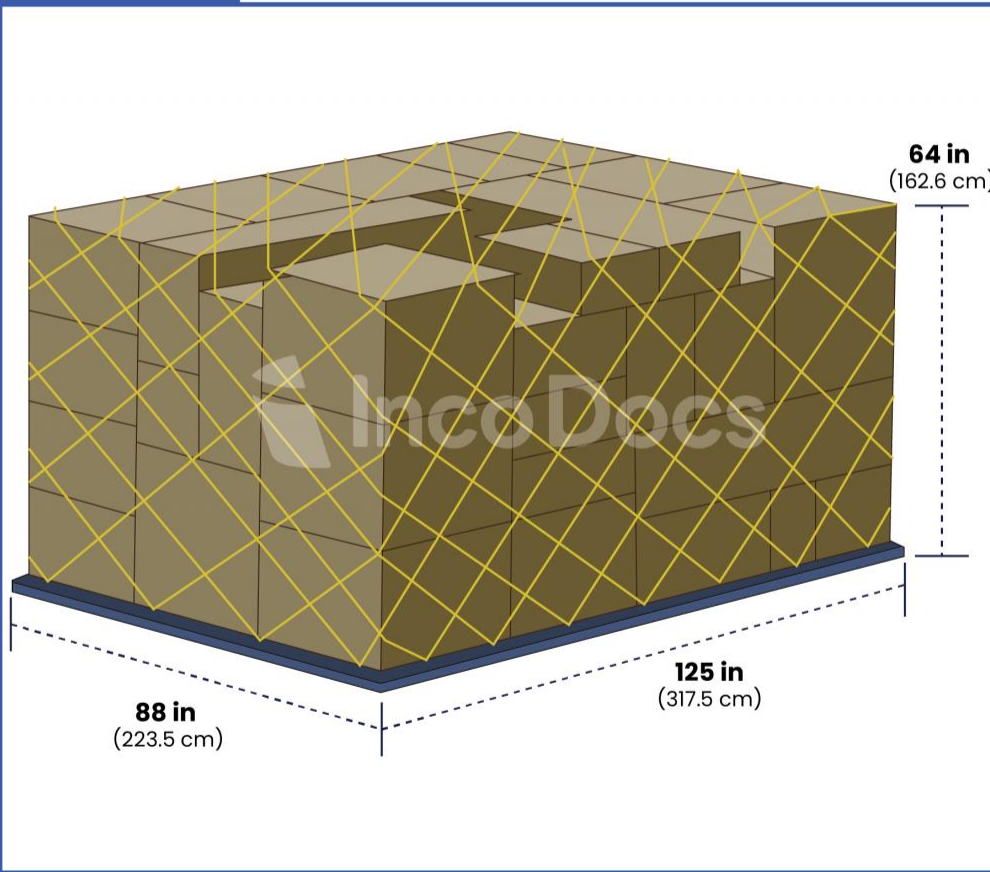
LD-6



- IATA ULD code: ALF contoured container
- Prefixes: AWA, AWF, and forkable AWC
- Rate class: Type 6W
- Description: 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)

LD-7 Unit Load Device

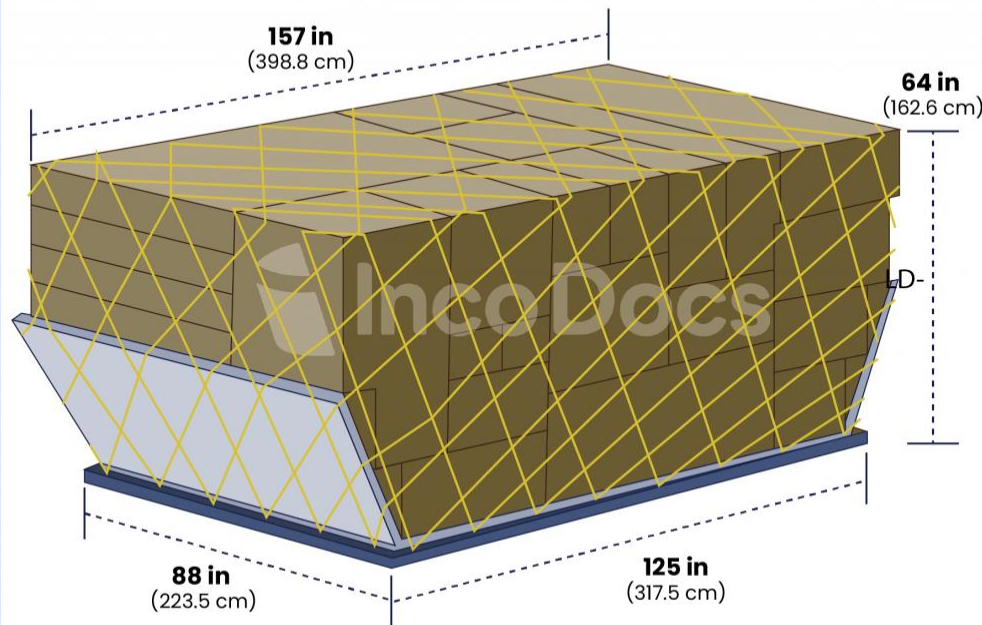
LD-7



- **IATA ULD code:** P1P flat pallet with net
- **Prefixes:** 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)

LD-7 With Angled Wings Unit Load Device

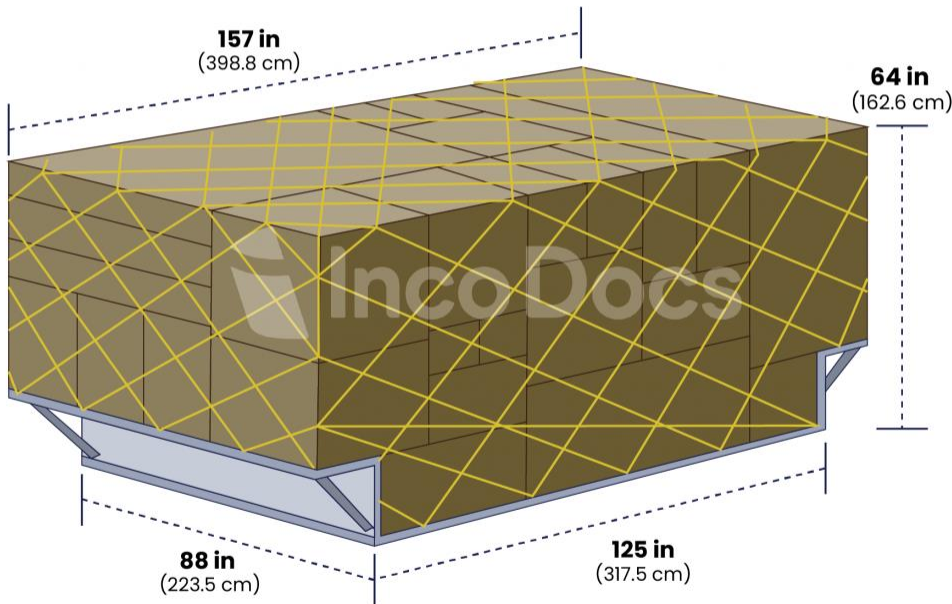
LD-7 with Angled Wings



- **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)

LD-7 With Folding Wings Unit Load Device

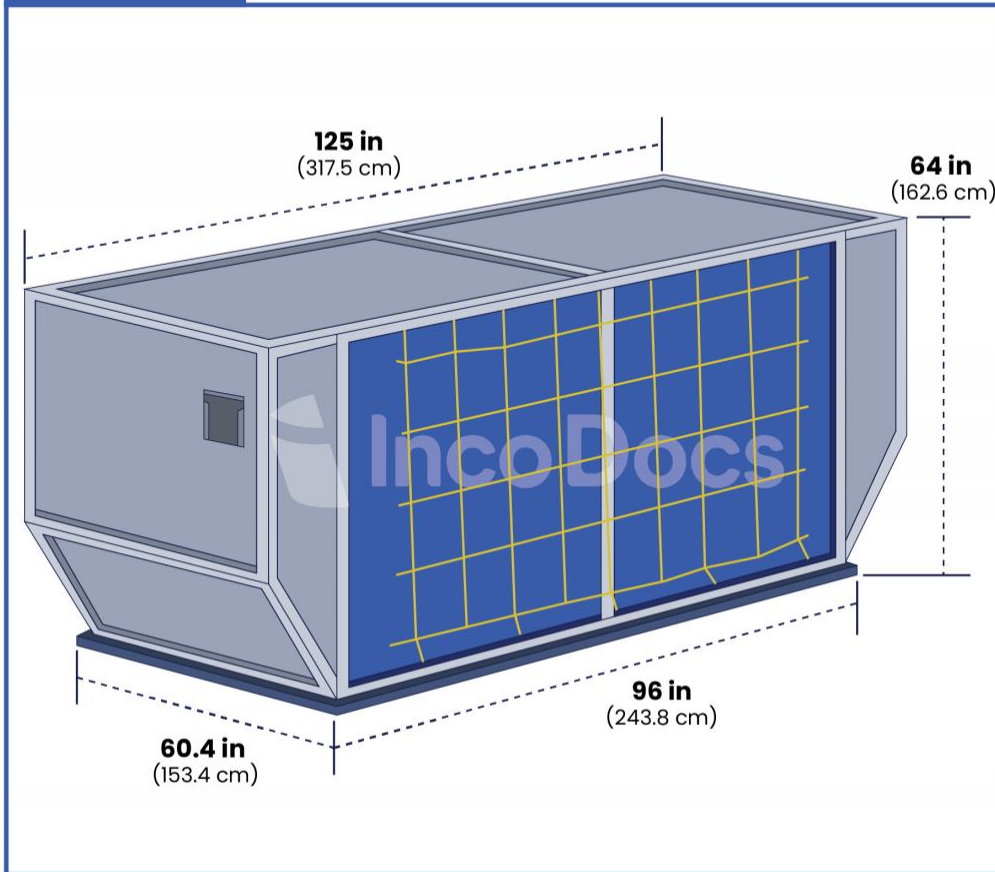
LD-7 with Folding Wings



- **IATA ULD code:** PAD P1P pallet with folding wings and net
- **Prefixes:** 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)

LD-8 Unit Load Device

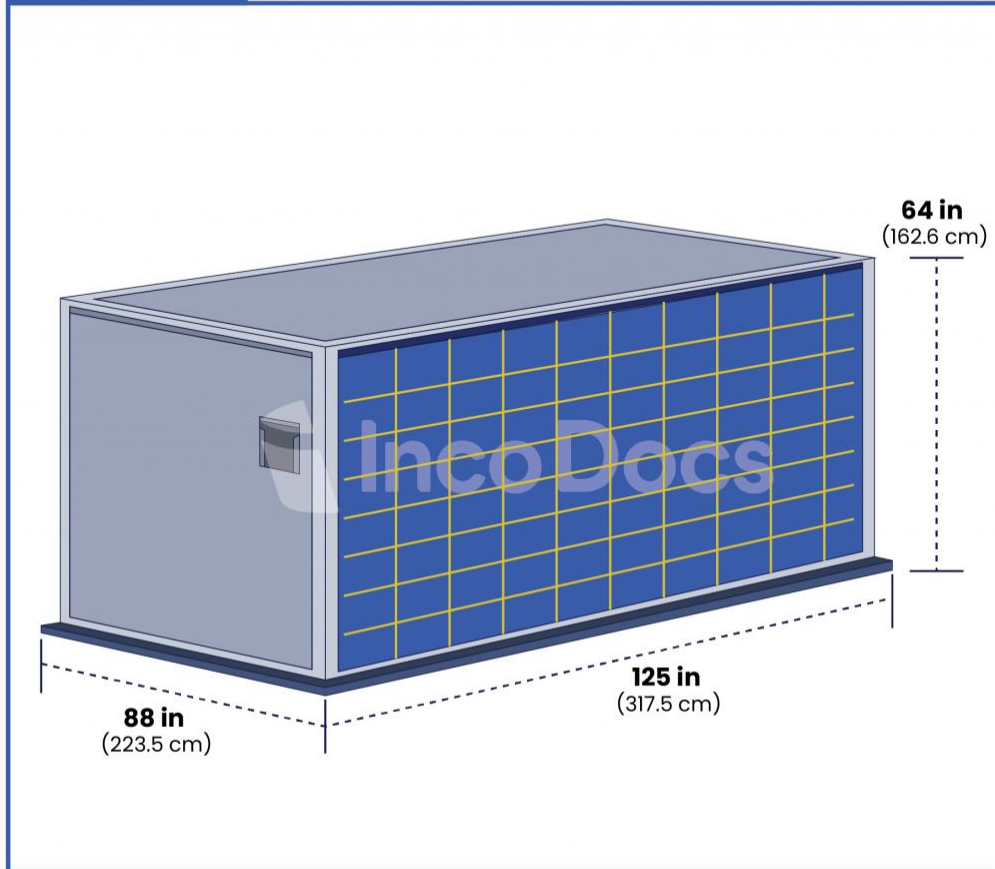
LD-8



- **IATA ULD code:** DQF
- **Prefixes:** 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)

LD-9 Unit Load Device

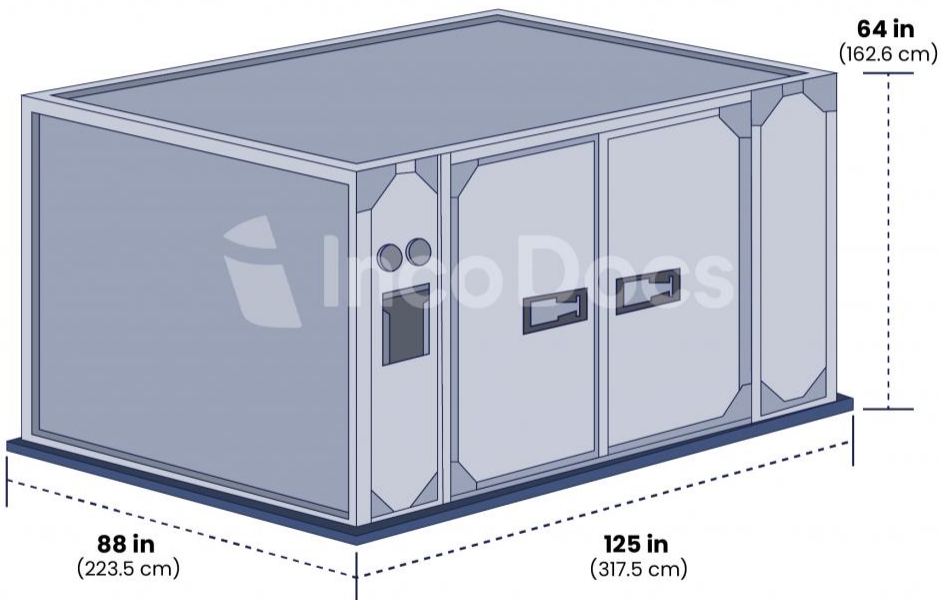
LD-9



- **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)

LD-9 Reefer Unit Load Device

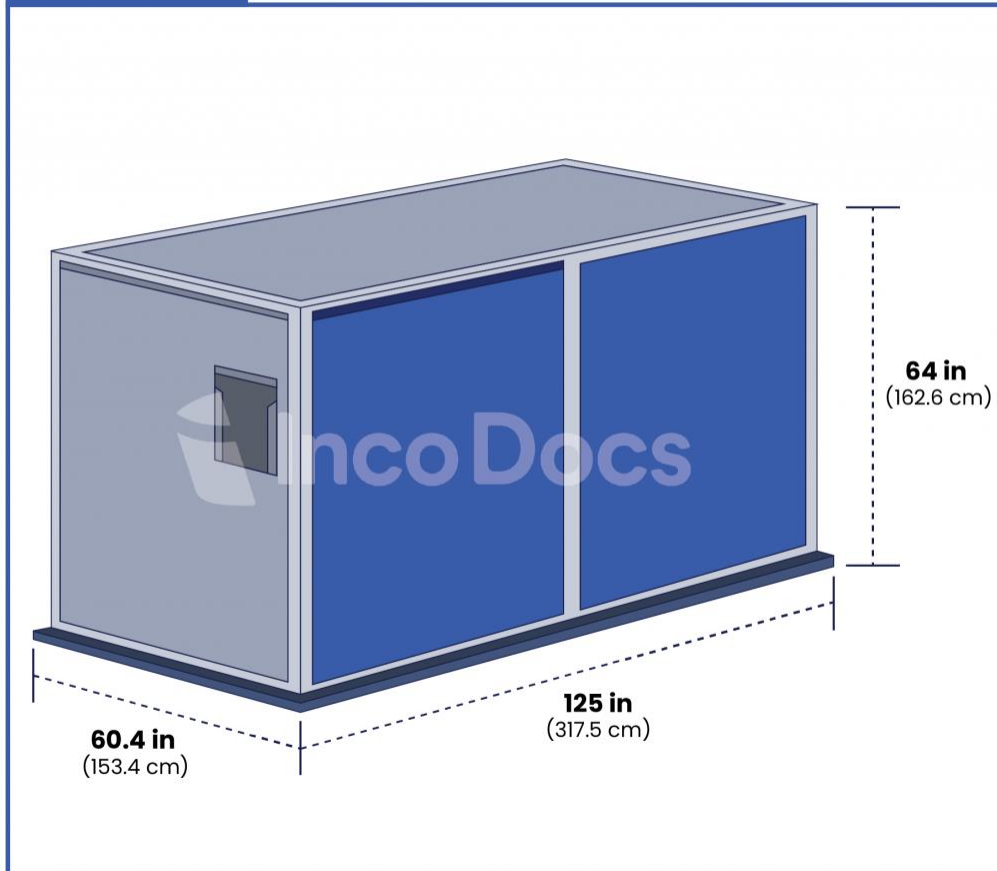
LD-9 Reefer



- **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)

LD-11 Unit Load Device

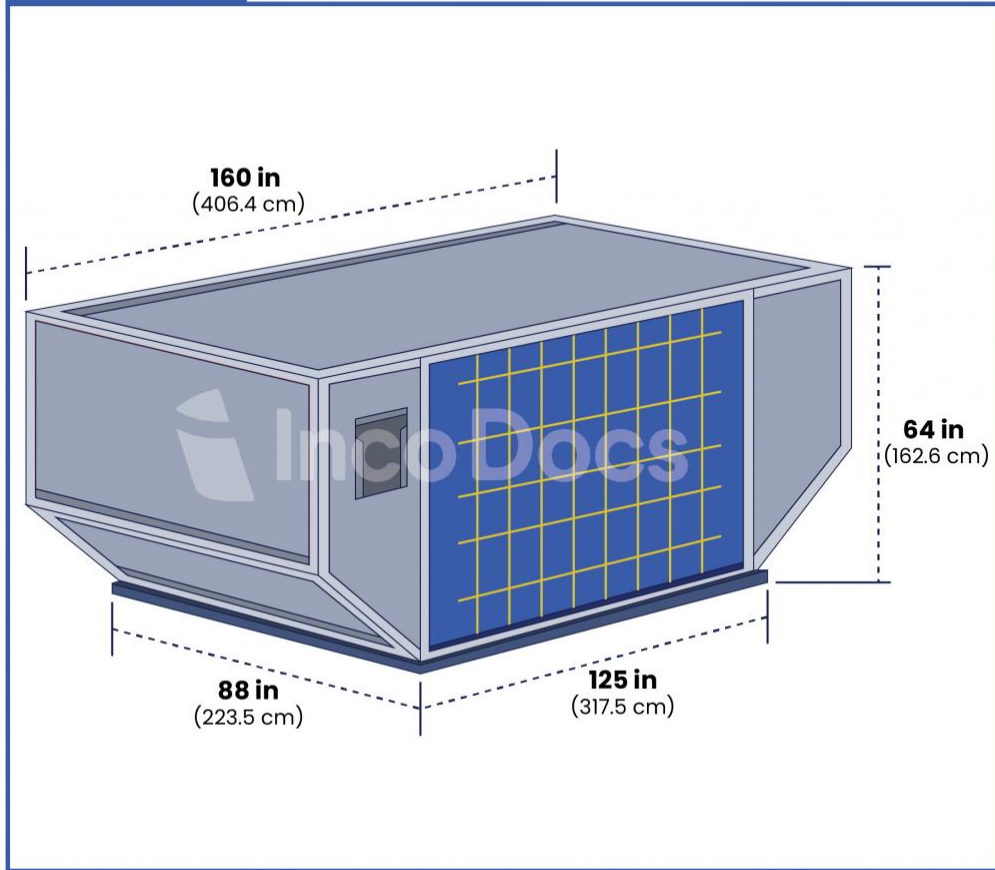
LD-11



- **IATA ULD code:** ALP rectangular container
- **Prefixes:** 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)

LD-26 Unit Load Device

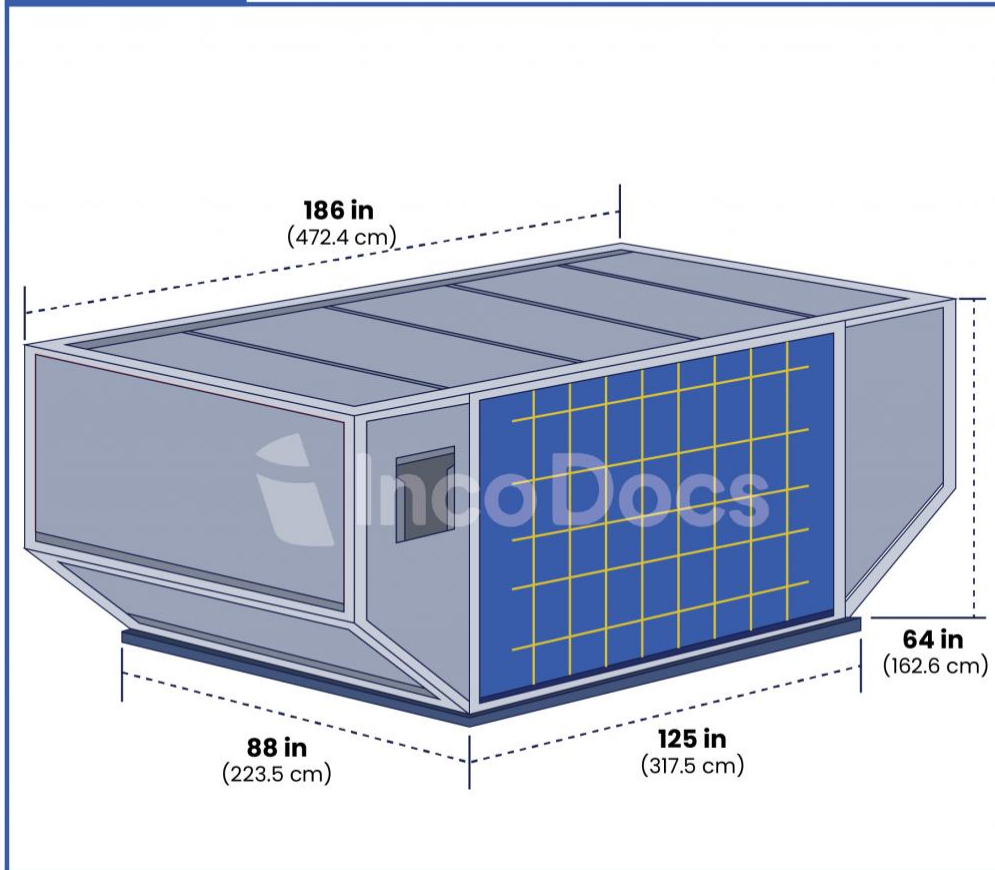
LD-26



- **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 (470ft³)

LD-29 Unit Load Device

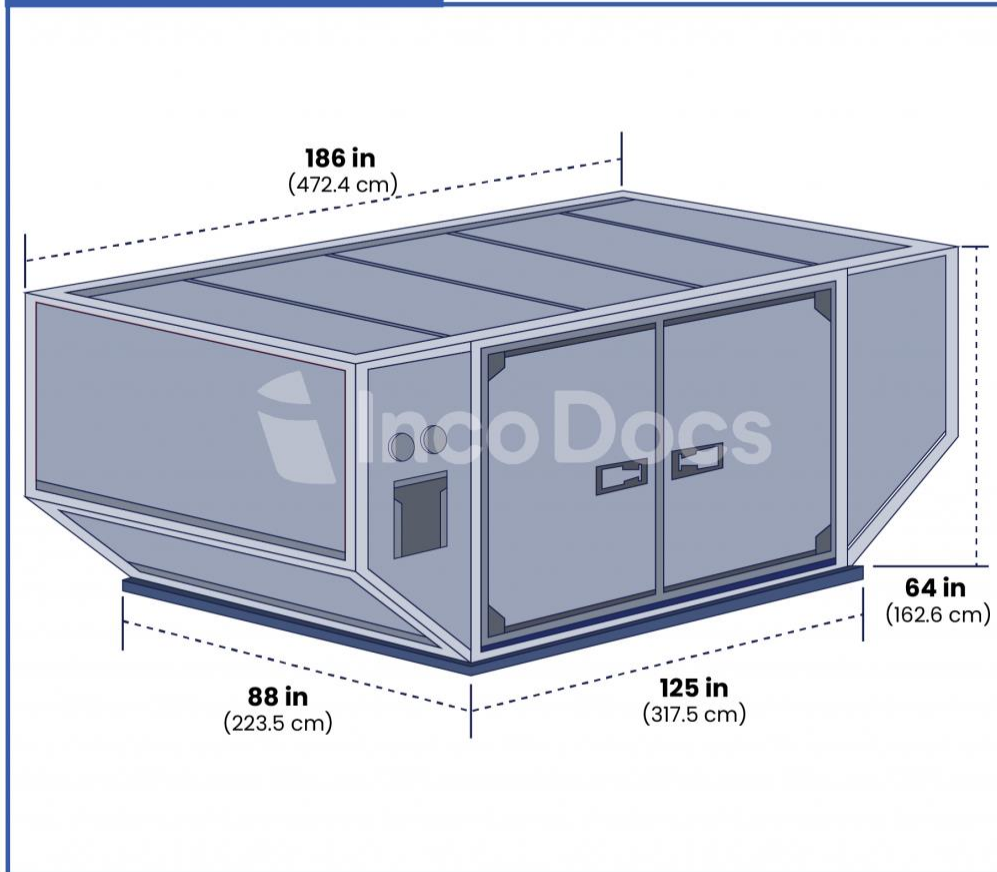
LD-29



- **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)

LD-29 Reefer Unit Load Device

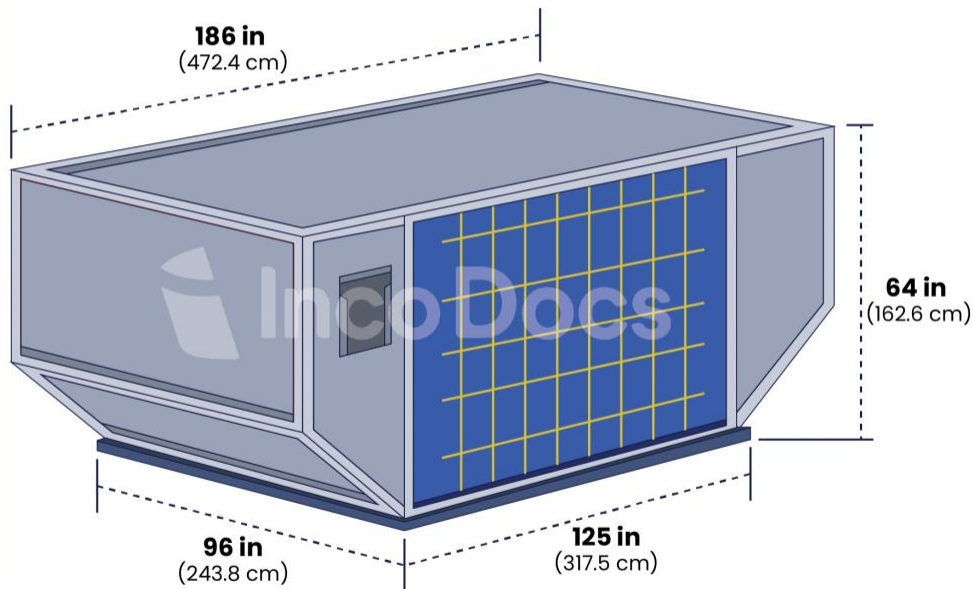
LD-29 Reefer



- **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)

LD-39 Unit Load Device

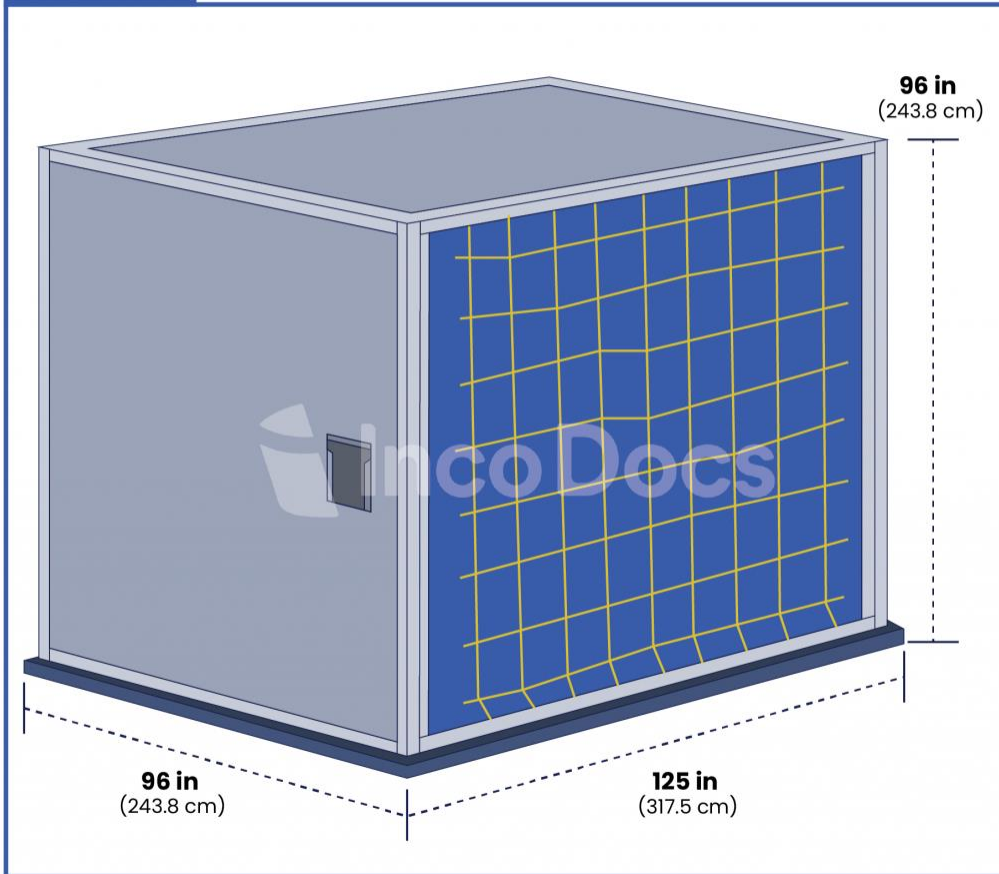
LD-39



- **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)

M-1 Unit Load Device

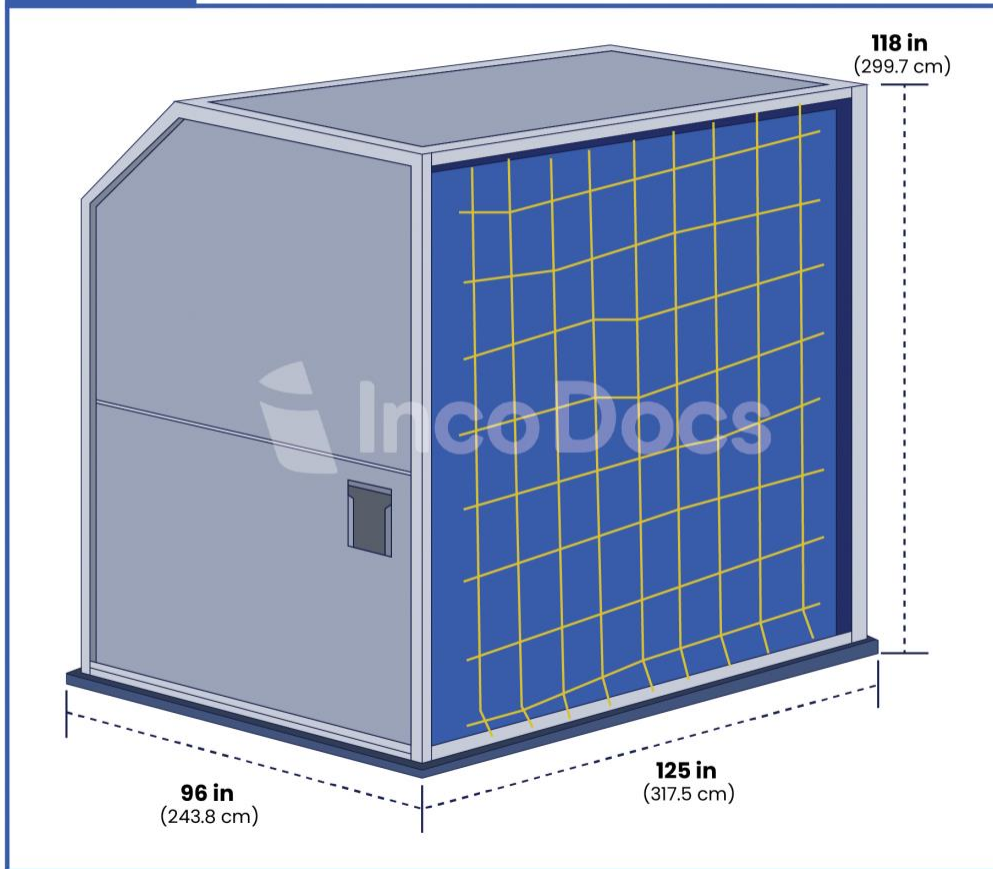
M-1



- **IATA ULD code:** AMA rectangular container on P6P base
- **Prefixes:** AMF, AMG, AMK, AMP, AQA, AQD, and AQ6
- **Rate class:** Type 2
- **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)

M-1H Unit Load Device

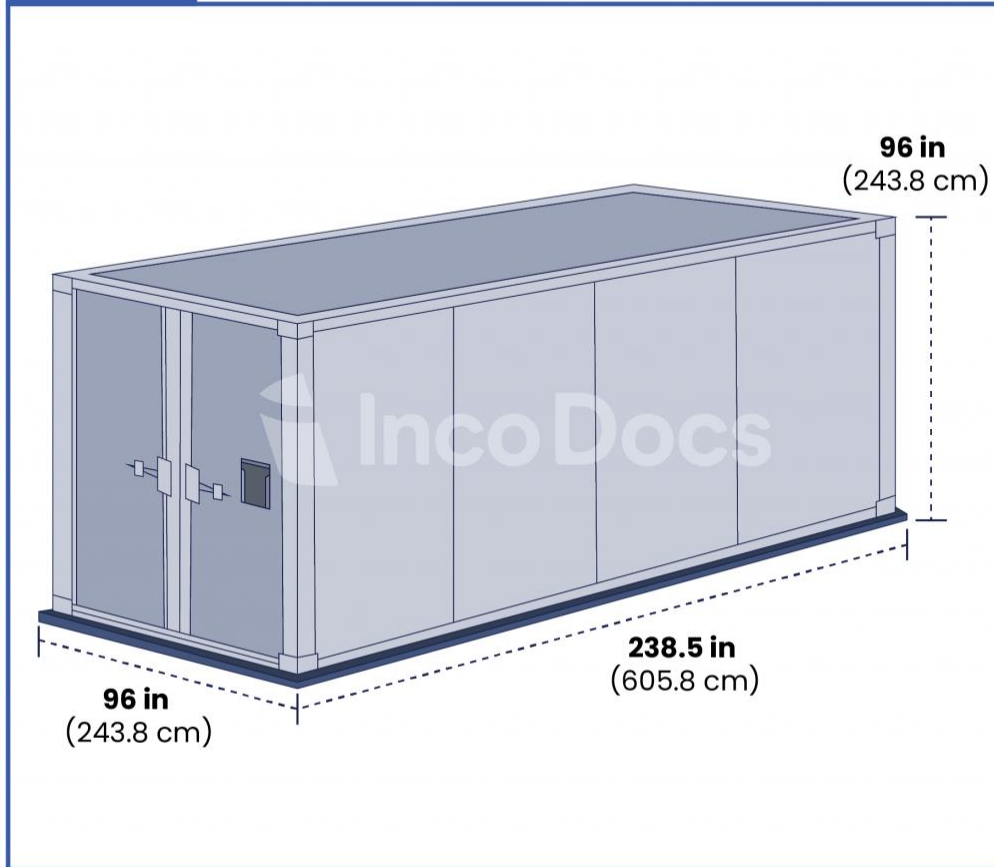
M-1H



- **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 Combi777F center loading only
- **Maximum gross weight:** 6,800 kg (14,491 lb)
- **Tare weight:** 370 kg (816 lb)
- **AS1825 volume:** 21.2 m³ (750 ft³)

M-2 Unit Load Device

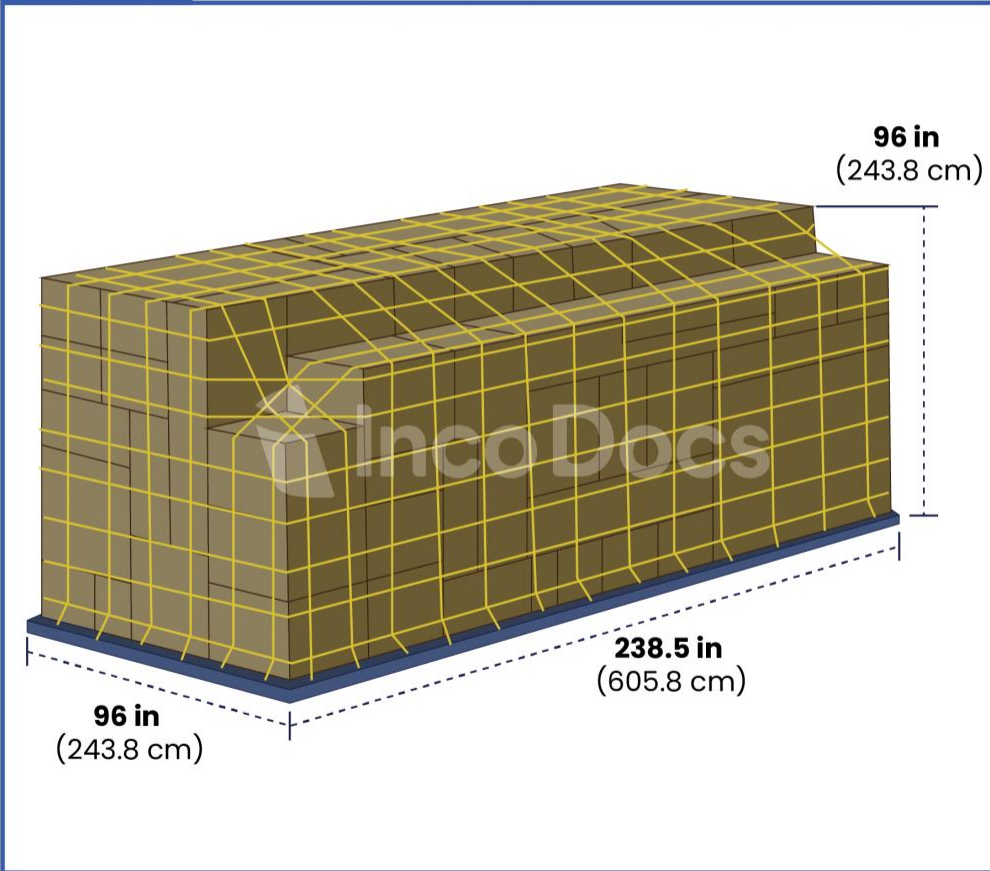
M-2



- **IATA ULD code:** AGA 20-ft box container
- **Prefixes:** ASE
- **Rate class:** Type 1
- **Description:** Main-deck container. Door is solid.
- **Suitable for:** 747F, 747 Combi (243.8 cm) 777F center loading only 238.5 in
- **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)

M-6 Unit Load Device

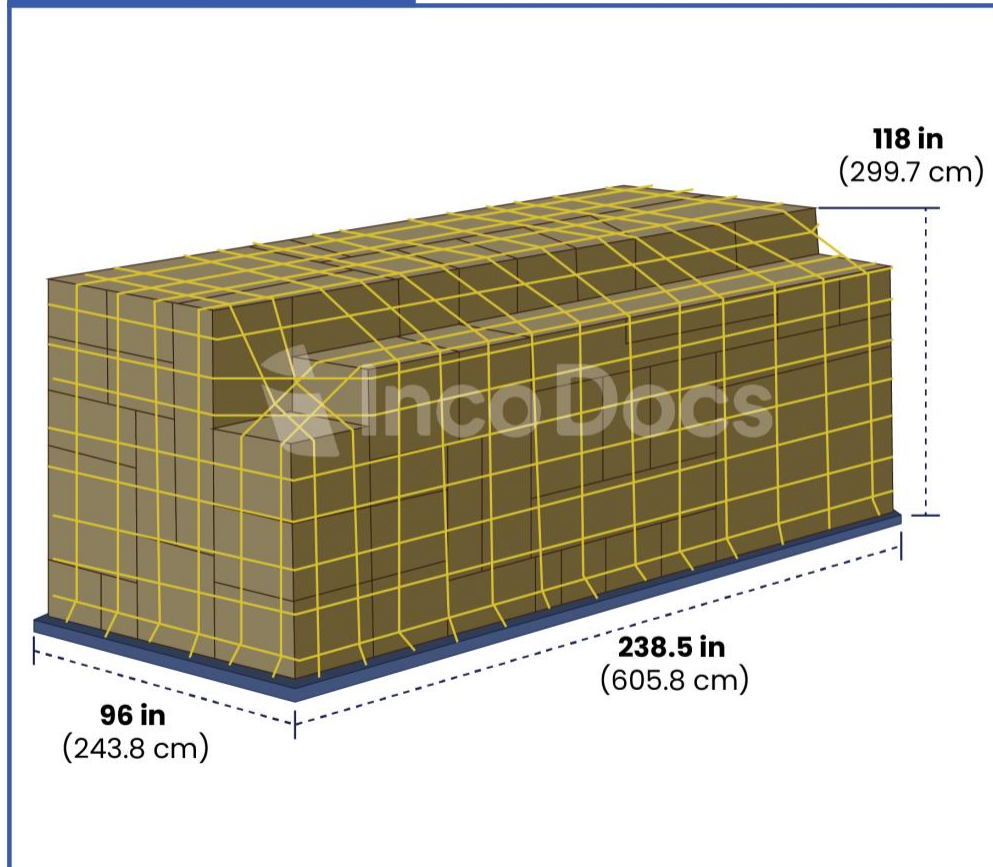
M-6



- **IATA ULD code:** PGA 20-ft flat pallet with net
- **Prefixes:** PGA, PGE, PGF, PSA, PSG, P7E, P7F, and P7G
- **Rate class:** Type 1
- **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) (605.8 cm)
- **Tare weight:** 500 kg (1,102 lb)
- **AS1825 volume:** 33.7 m³ (1,190 ft³)

M-6 (118"H) Unit Load Device

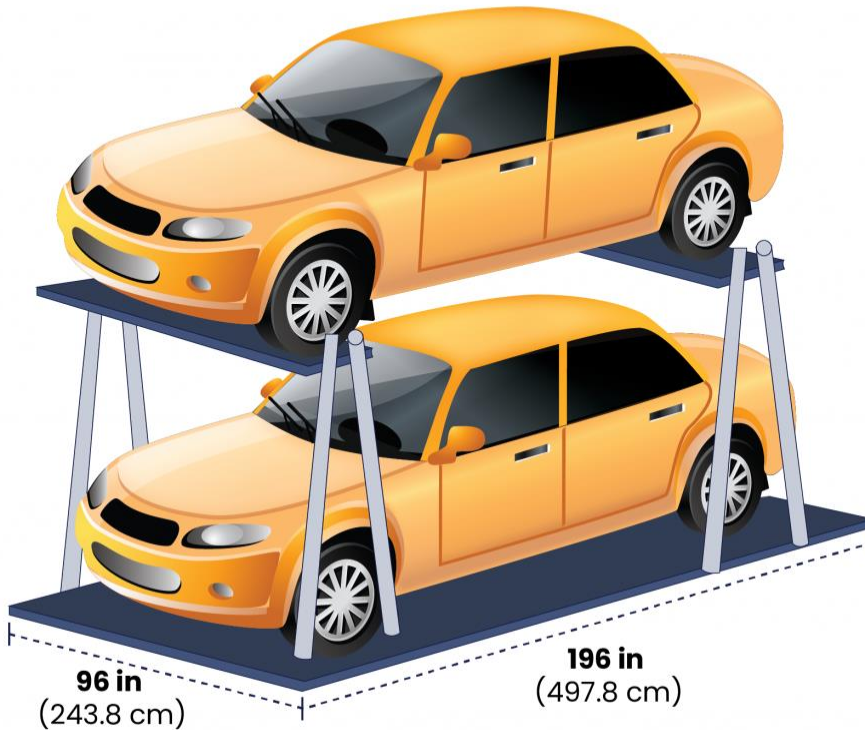
M-6 (118"H)



- **IATA ULD code:** PGA 10-ft high, 20-ft flat pallet with net
- **Prefixes:** PGA, PGE, PGF, PSA, PSG, P7A, P7E, P7F, and P7G
- **Rate class:** Type 1
- **Description:** Main-deck pallet squared off to 299.7 cm (118 in) high.
- **Suitable for:** 747 Combi, 777F 238.5 in 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)

M-6 Twin Car Rack Unit Load Device

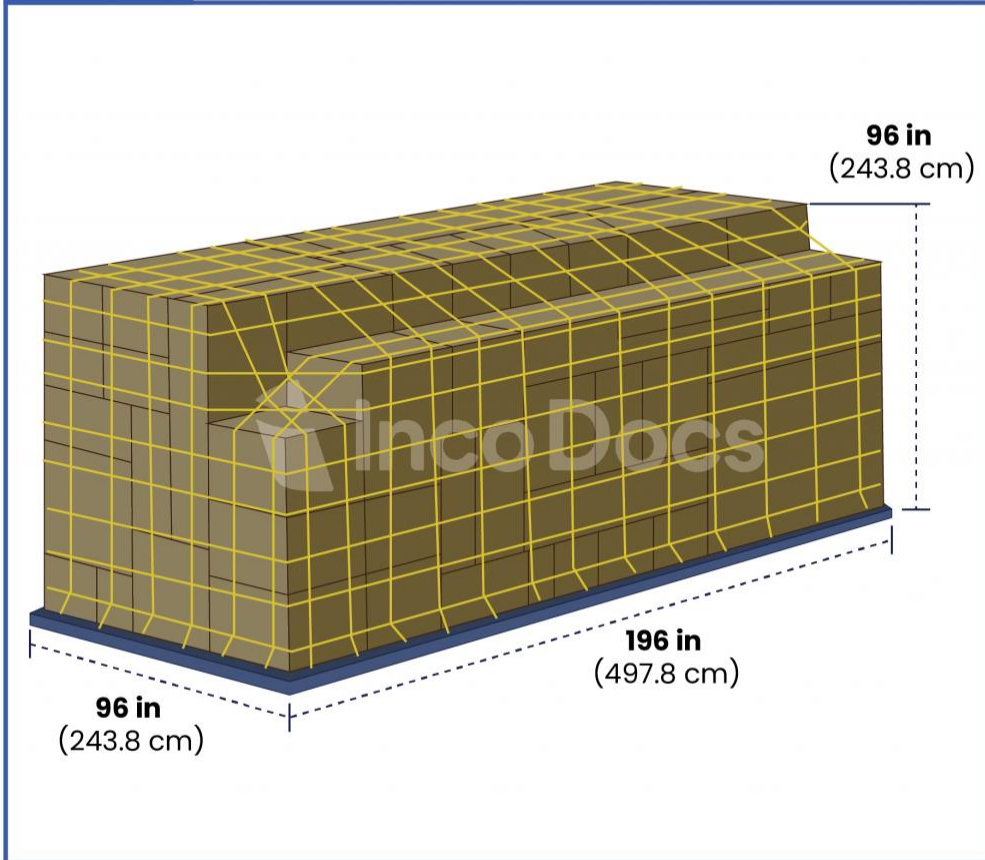
M-6 Twin Car Rack



- **IATA ULD code:** PRA 16-ft flat pallet with twin car racks as VRA
- **Prefixes:** PMA, P4A, P4M, and PZA
- **Rate class:** Type 1P
- **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).

MDP Unit Load Device

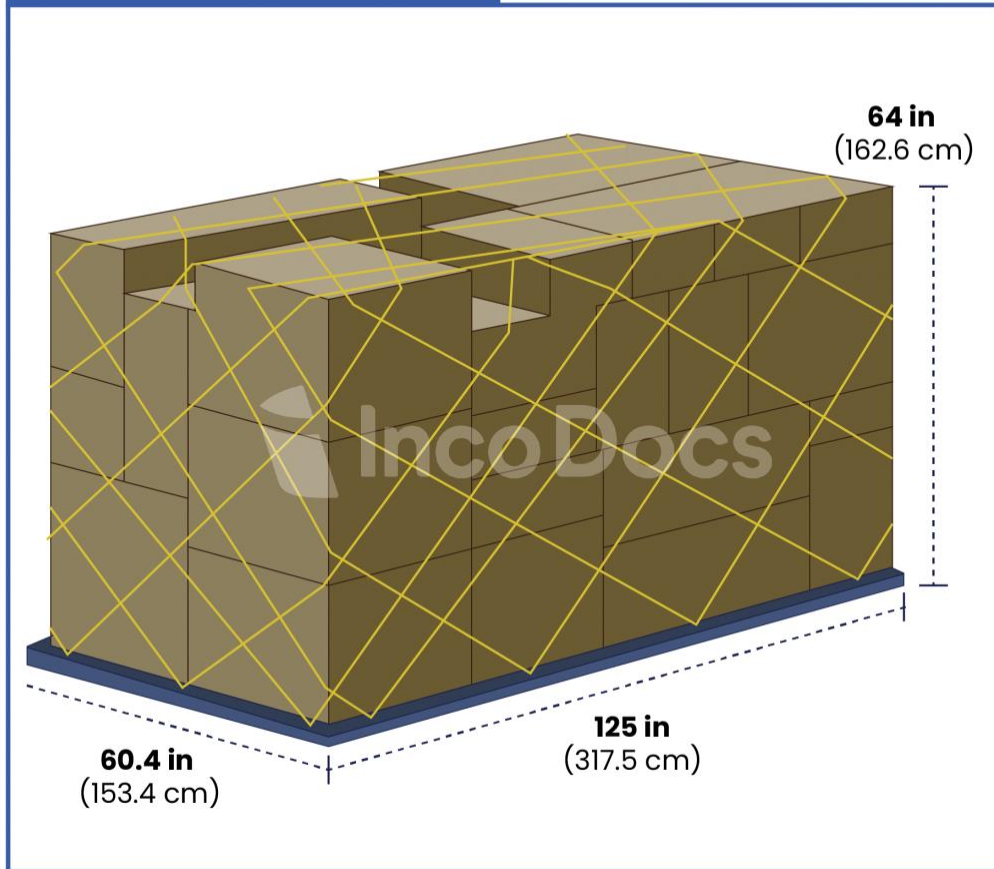
MDP



- **IATA ULD code:** PRA 16-ft pallet with net
- **Prefixes:** PMA, P4A, P4M, and PZA
- **Rate class:** Type 1P
- **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)

PLA Half Pallet Unit Load Device

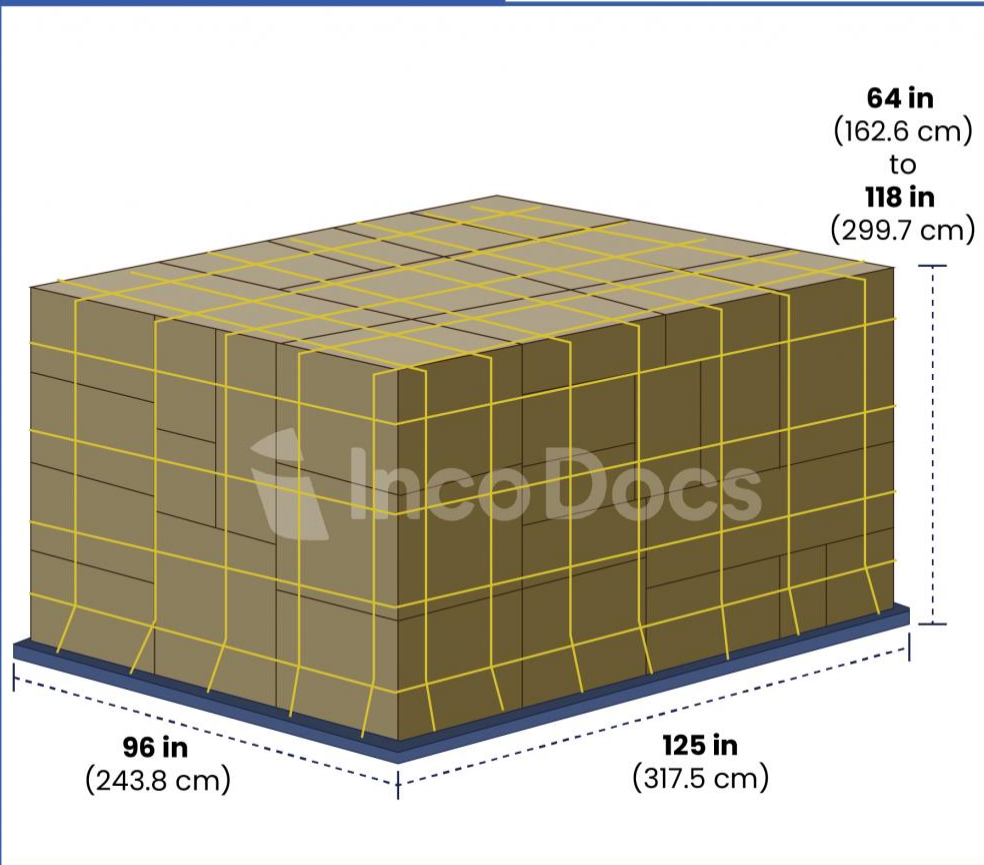
PLA Half Pallet



- **IATA ULD code:** PLA half pallet with net
- **Prefixes:** 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)

PMC/P6P Pallet Unit Load Device

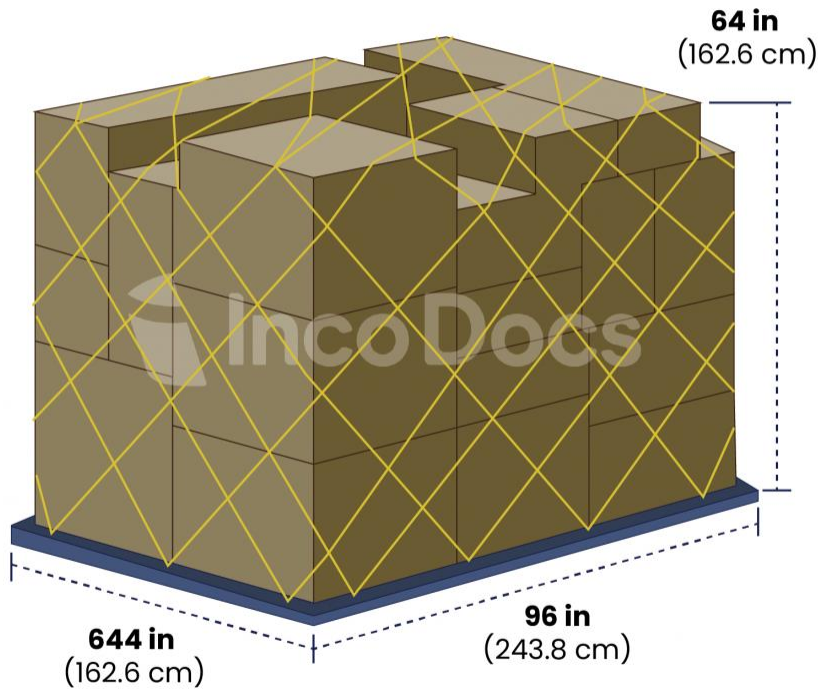
PMC/P6P Pallet



- **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 H 243.8 cm H 299.7 cm H 162.2 cm H 243.8 cm H 299.7 cm
- **Boeing volume:** (64 in), 11.5 m³ (407 ft³) (96 in), 17.0 m³ (600 ft³) (118 in), 21.2 m³ (750 ft³) (64 in), 11.7 m³ (415 ft³) (96 in), 17.0 m³ (600 ft³) (118 in), 21.2 m³ (750 ft³)

PNA Half Pallet Unit Load Device

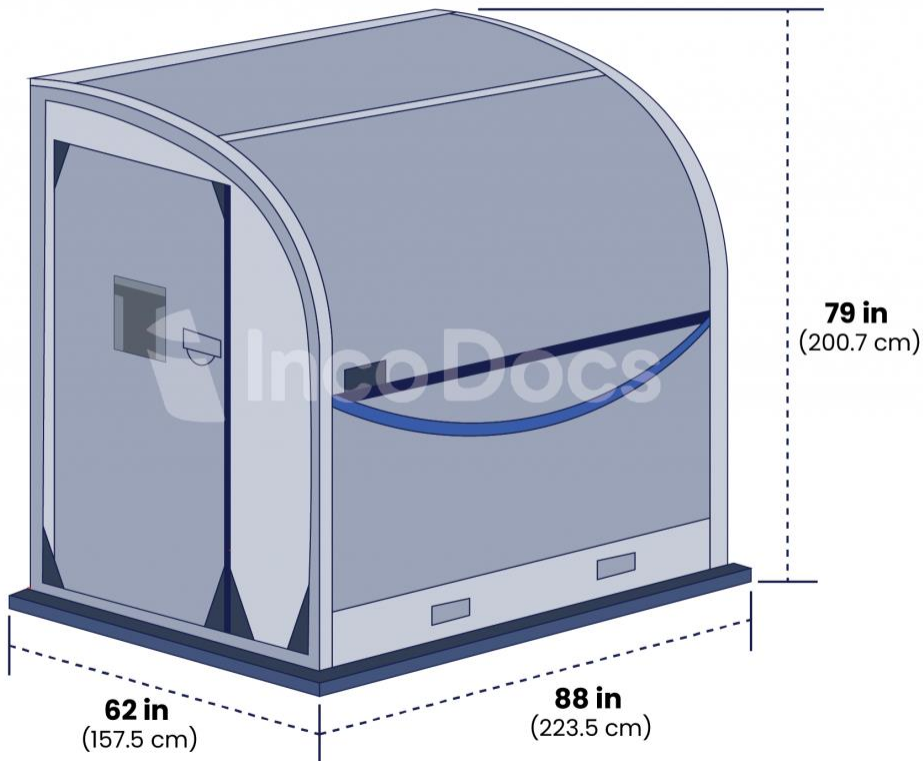
PNA Half Pallet



- **IATA ULD code:** PNA 767 half pallet with net
- **Prefixes:** 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)

Demi Unit Load Device

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:** 5.8m³ (206ft³)