



CSafe RKN, RAP and APS

CSafe containers provide an active compressor solution that supports colder temperatures at 2° C to 8° C (35° F to 46° F) and 15° C to 25° C (59° F to 77° F).

CSafe containers are available in single pallet (RKN) or multi-pallet (RAP) sizes.

Features	Available Units For Lease			
	CSafe RKN	CSafe RAP	CSafe APS Single	CSafe APS Double
Operating Temperature Set Points (Range)	+4° C to +25° C	+4° C to +25° C	+2° C to +25° C	+2° C to +25° C
Temperature Control Tolerances	±2° C at +5° C ±2° C at +20° C	±1° C at 5° C ±1.5° C at +20° C	±2° C at +5° C ±2° C at +20° C	±2° C at +5° C ±2° C at +20° C
Ambient Operating Temperature Ranges	at any set temp. -30° C to +49° C	at any set temp. -30° C to +54° C	at any set temp. -30° C to +54° C	at any set temp. -30° C to +54° C
Data Logging	Yes – via/USB	Yes – via/USB	Yes – via/USB	Yes – via/USB
Insulation	ThermoCor® VIP	ThermoCor® VIP	ThermoCor® VIP	ThermoCor® VIP
Cargo Compartment Volume (Payload)	1.975 m <sup>3</sup> (70 ft <sup>3</sup> )	6.68 m <sup>3</sup> (236 ft <sup>3</sup> )	1800L (63.57 ft <sup>3</sup> )	3260L (115.12 ft <sup>3</sup> )
Main Cargo Area Dimension (L x W x H)	121 x 127 x 127 (cm) 48 x 50 x 50 (in)	248 x 208 x 130 (cm) 98 x 82 x 51 (in)	1189 x 1244 x 1234 (mm) 46.8 x 49 x 48.6 (in)	2118 x 1244 x 1234 mm 83.4 x 49 x 48.6 in
Max. Time to Full Charge	5 hours	10 hours	10 hours	10 hours
Operating Battery Time Depending on ambient temperature	26.5 to 130 hours*	> 120 hours*	> 120 hours*	> 120 hours*
Tare Weight	646 kg (1,425 lb)	1,213 kg (2,675 lb)	415 kg (914.9 lb)	550 kg (1213 lb)
Max Gross Weight	1,588 kg (3,500 lb)	6,033 kg (13,300 lb)	1,588 kg (3,500 lb)	6,033 kg (13,300 lb)
Max Net Weight	941 kg (2,075 lb)	4,819 kg (10,625 lb)	941 kg (2,075 lb)	4,819 kg (10,625 lb)
Forklift able	Yes	Yes	Yes	Yes
Stations in Network	35	35	35	35
Leasing Available	Yes	Yes	Yes	Yes

# Envirotainer° Solutions

## Envirotainer°



### Envirotainer RKN, RAP and RLP

Envirotainer provides pallet-size containers with active compressor cooling and electric heating technology in RKN and RAP sizes.

This helps maintain the temperatures needed to meet pharmaceutical industry requirements and easily move your products through the American Airlines shipping network.

Features	Available Units For Lease					
	RKN e1	RAP e2	RKN t2	RAP t2	Releye RLP	Releye RAP
Operating Temperature Set Points (Range)	+0° C to +20° C	+0° C to +20° C	-20° C to +20° C	-20° C to +20° C	-32 ° C and +49 ° C	-32 ° C and +49 ° C
Temperature Control Tolerances	±3° C at 0° C to 10° C ±5° C at 10° C to 20° C	±3° C at 0° C to 10° C ±5° C at 10° C to 25° C	Maintains with dry ice as coolant	Maintains with dry ice as coolant	Cooling and electrical heating	Cooling and electrical heating
Ambient Operating Temperature Ranges	at set temp. of +5° C -20° C to +40° C	at set temp. of +5° C -25° C to +40° C	N/A	N/A	at set temp. of +5 ° C ambient temp. +20 ° C	at set temp. of +5 ° C ambient temp. +20 ° C
Data Logging	Yes	Yes	No	No	Yes	Yes
Insulation	Foam	Composite Material	Foam + Dry Ice	Foam + Dry Ice	Composite Material	Composite Material
Cargo Compartment Volume (Payload)	2.3 m³ (81.9 ft³)	6.38 m³ (224.2 ft³)	2.93 m³ (103.4 ft³)	8.22 m³ (290.2 ft³)	4.4 m3 (156 ft3)	6.6 m3 (236 ft3)
Main Cargo Area Dimension (L x W x H)	134 x 131 x 131 (cm) 52 x 51 x 51 (in)	246 x 205 x 126 (cm) 97 x 80 x 49 (in)	141 x 135 x 136 (cm) 55 x 53 x 53 (in)	253 x 206 x 142 (cm) 99 x 81 x 55 (in)	2475 x 1354 x 1320 (mm) 97 x 53 x 51 (in)	2466 x 2055 x 1320 (mm) 97 x 80 x 51 (in)
Max. Time to Full Charge	8 hours	12 hours	N/A	N/A	11 hours	11 hours
Operating Battery Time Depending on ambient temperature	30 to 100 hours*	30 to 100 hours*	N/A	N/A	170 hours	170 hours
Tare Weight	635 kg (1,400 lb)	1,100 kg (2,425 lb)	265 kg (584 lb)	450 kg (992 lb)	880 kg (1,940 lbs.)	1100 kg (2,425 lbs.)
Max Gross Weight	1,588 kg (3,500 lb)	4,626 kg (10,200 lb)	1,588 kg (3,250 lb) including dry ice	4,626 kg (10,200 lb) including dry ice	3175 kg (6,999 lbs.)	4625 kg (10,196 lbs.)
Max Net Weight	953 kg (2,100 lb)	3,526 kg (7,775 lb)	1,323 kg (2,916 lb)	4,176 kg (9,208 lb)	2295 kg (5,060 lbs.)	3525 kg (7,771 lbs.)
Forklift able	Yes	Yes	Yes	Yes, when empty	Yes	Yes
Stations in Network	48	41	55	55	35	35
Leasing Available	Yes	Yes	Yes	Yes	Yes	Yes

**SONOCO**  
**THERMOSAFE**



	Available Units For Lease
Features	Pegasus ULD
	
Operating Temperature Set Points (Range)	+2° to +8° C
Temperature Control Tolerances	300+ hours of +2° to +8° C no charging needed
Ambient Operating Temperature Ranges	-20° to +60° C
Data Logging	Yes – via cloud platform, real time, no USB
Insulation	Composite, VIP and Phase Change Material
Cargo Compartment Volume (Payload)	1.75 m <sup>3</sup> (63 ft <sup>3</sup> )
Main Cargo Area Dimension (L x W x H)	124 x 115 x 123 cm 49 x 45.5 x 48.7 in
Max. Time to Full Charge	N/A – no charging needed
Operating Battery Time Depending on ambient temperature	300+ hours – no charging needed
Tare Weight	1358 lb / 616 kg
Max Gross Weight	3500 lb / 1588 kg
Max Net Weight	2142 lb / 972 kg
Forklift able	Yes – ULD operating design
Stations in Network	10+
Leasing Available	Yes