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Capacity and Transportation Time Limits for Transport Containers

VA-Q-TEC LONG JOURNEY TRANSPORT CONTAINERS

Component Type	Capacity	Temperature Stabilisation Material Type	Number and Configuration of Temperature Stabilisation Material	External Temperature	Maximum Journey Time
Red Blood Cells	1 to 12 units	Blue (+4°C +/-2°C)	1 Bottom 2 Opposite Sides 1 Top	-5°C to +34°C	9 HOURS
Platelets	1 to 15 units	Green (+22°C +/-2°C)	1 Bottom 2 Opposite Sides 1 Top	-5°C to +34°C	8 HOURS
Clinical Buffy Coats	1 to 10 units	Green (+22°C +/-2°C)	1 Bottom 2 Opposite Sides 1 Top	-5°C to +34°C	8 HOURS
Granulocytes	1 to 2 units	Green (+22°C +/-2°C)	1 Bottom 2 Opposite Sides 1 Top	-5°C to +34°C	8 HOURS

Note
Fill space between PCMs and lid with paper towel/bubble wrap or paper towel/bubble wrap cushions to ensure no movement during transportation

Capacity and Transportation Time Limits for Transport Containers

VA-Q-TEC SMALL SHORT JOURNEY TRANSPORT CONTAINERS

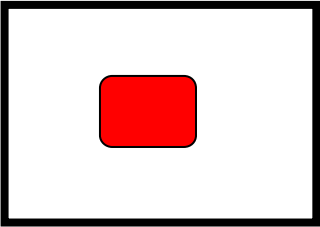
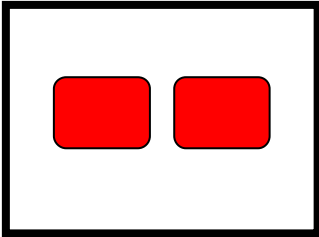
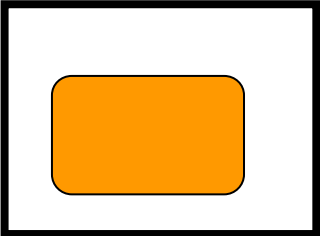
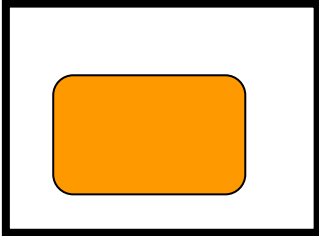
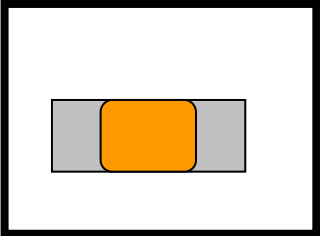
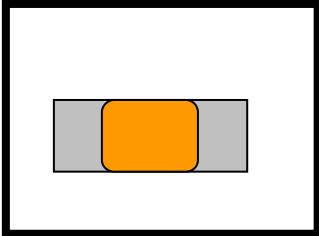
Component Type	Capacity	Temperature Stabilisation Material Type	Number and Configuration of Temperature Stabilisation Material	External Temperature	Maximum Journey Time
Red Blood Cells	1 to 6 units	Blue (+4°C +/-2°C)	2 Bottom 2 Top Side by Side	-5°C to +34°C	7 HOURS
Platelets	1 to 6 units	Green (+22°C +/-2°C)	2 Bottom 2 Top Side by Side	-5°C to +34°C	8 HOURS
Adult FFP	1 to 4 units	Dry ice	2 x 500g bags Top 1 x 500g bag Bottom	-5°C to +34°C	11 HOURS
Low Volume Frozen Components	1 to 6 units	Dry Ice	2 x 500g bags Top 1 x 500g bag Bottom	-5°C to +34°C	11 HOURS
<p>Note Fill space between PCMs and lid with paper towel/bubble wrap or paper towel/bubble wrap cushions to ensure no movement during transportation</p>					

Capacity and Transportation Time Limits for Transport Containers

VA-Q-TEC MEDIUM SHORT JOURNEY TRANSPORT CONTAINERS

Component Type	Capacity	Temperature Stabilisation Material Type	Number and Configuration of Temperature Stabilisation Material	External Temperature	Maximum Journey Time
Red Blood Cells	1 to 15 units	Blue (+4°C +/-2°C)	2 Bottom 2 Top Side by Side	-5°C to +30°C	3 HOURS
Platelets	1 to 15 units	Green (+22°C +/-2°C)	2 Bottom 2 Top Side by Side	-5°C to +34°C	8 HOURS
FFP and Low Volume Frozen Components	1 to 10 units	Dry ice	2 x 500g bags Top 1 x 500g bag Bottom	-5°C to +34°C	10 HOURS
<p>Note Fill space between PCMs and lid with paper towel/bubble wrap or paper towel/bubble wrap cushions to ensure no movement during transportation</p>					

Capacity and Transportation Time Limits for Transport Containers

Packing Configuration Examples for SMALL SHORT journey transport containers (Minimum and Maximum load)	
<p>One unit Red Blood Cells – Top View of Container</p>  <p>Ports Folded 1 stack x 1 unit</p>	<p>6 units Red Blood Cells – Top View of Container</p>  <p>Ports Folded 2 stacks x 3 units</p>
<p>One unit Platelets - Top View of Container</p>  <p>Laid flat 1 stack x 1 unit</p>	<p>6 units Platelets – Top View of Container</p>  <p>Laid flat 1 stack x 6 units</p>
<p>One unit FFP – Top View of Container</p>  <p>Laid flat 1 stack x 1 unit</p>	<p>4 units FFP – Top View of Container</p>  <p>Laid flat 1 stack x 4 units</p>

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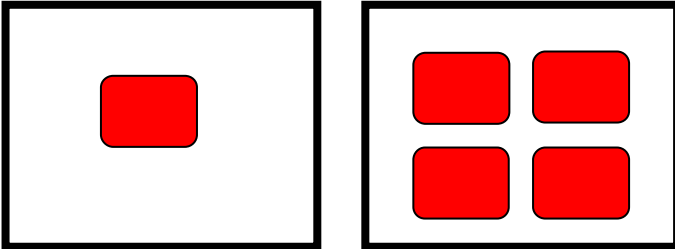
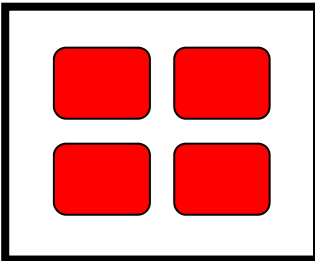
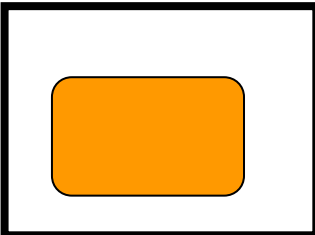
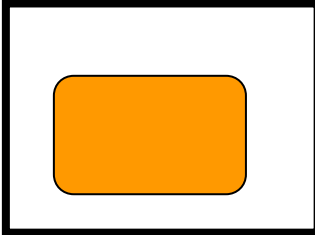
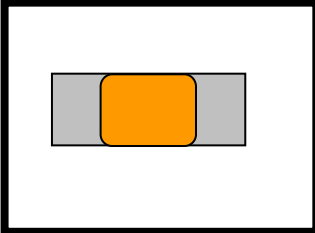
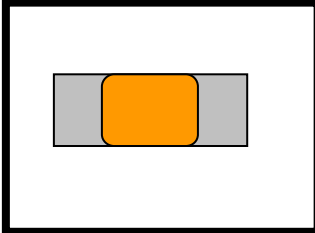
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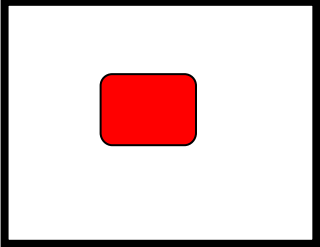
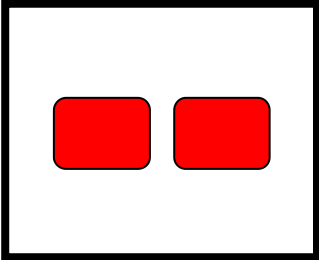
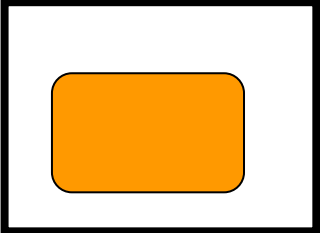
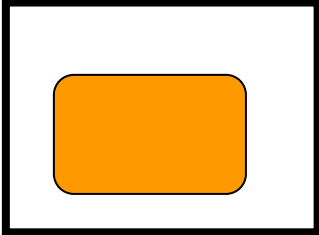
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Cross-Referenced in Primary Document: SOP4147

Capacity and Transportation Time Limits for Transport Containers

Packing Configuration Examples for MEDIUM SHORT journey transport containers (Minimum and Maximum load)	
<p>One and Seven units Red Blood Cells – Top View of Container</p>  <p>Ports Folded 1 stack x 1 unit, and 3 stacks x 2 units 1 stack x 1 unit</p>	<p>15 units Red Blood Cells – Top View of Container</p>  <p>Ports Folded 3 stacks x 4 units 1 stack x 3 units</p>
<p>One unit Platelets – Top View of Container</p>  <p>Laid Flat 1 stack x 1 units</p>	<p>15 units Platelets – Top View of Container</p>  <p>Laid Flat 1 stack x 15 units</p>
<p>One unit FFP Top View of Container</p>  <p>Laid Flat 1 stack x 1 unit</p>	<p>10 units FFP – Top View of Container</p>  <p>Laid Flat 1 stack x 10 units</p>

Capacity and Transportation Time Limits for Transport Containers

Packing Configuration Examples for LONG JOURNEY TRANSPORT CONTAINERS (Minimum and Maximum load)	
<p>One unit Red Blood Cells – Top View of Container</p>  <p>Ports Folded 1 stack x 1 unit</p>	<p>12 units Red Blood Cells – Top View of Container</p>  <p>Ports Folded 2 stacks x 6 units</p>
<p>One unit Platelets – Top View of Container</p>  <p>Laid Flat 1 stack x 1 unit</p>	<p>15 units Platelets – Top View of Container</p>  <p>Laid Flat 1 stack x 15 units</p>

Diagrams are for illustration purposes only and are not to scale

Capacity and Transportation Time Limits for Transport Containers

SUMMARY								
Component Type	Red Cell Components (4°C +/- 2 °C)		Red Cell Components (4°C +/- 2 °C)	Platelet Components (22°C +/- 2°C)			Frozen Components (<-30°C)	
External Storage Temperature When Packed in Container Prior to Despatch	4°C +/- 2 °C		4°C +/- 2 °C					
Storage Time when Packed in Container Prior to Despatch	<72 hours							
External Transportation Temperature Range	-5°C to +34°C		-5°C to +30°C	-5°C to +34°C			-5°C to +34°C	
Transportation Time	<7 hours	<9 hours	<3 hours	<8 hours			<11 hours	<10 hours
Transport Container	Small Short Journey	Long Journey	Medium Short Journey	Small Short Journey	Medium Short Journey	Long Journey	Small Short Journey	Medium Short Journey