1 # Insulated Box (+ 15℃) operating instruction

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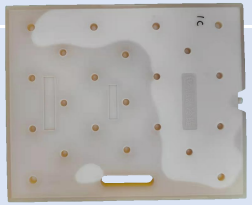
1 # Insulated Box (+ 15℃) configuration table

Configure the name	configuring	Adaptation area
High temperature configuration	The lowest temperature at the origin and destination is> 10℃	nationwide
Low temperature configuration	The maximum temperature at the origin and destination is 10℃	nationwide

1 # Insulated Box (+ 15℃) assembly

name	specifications /mm		quantity	graphic
1 # Thermal insulation box	efficient loading	640×540×440	1	
	Box inner diameter	700×600×500		
	Box body outer diameter	820×720×620		
	The overall packaging	840×740×640		
1-A(+15℃)	580×340×25		4	
1-B(+15℃)	480×335×25		4	
1-C(+15℃)	580×480×25		2	

1 # Insulated Box (+ 15℃) use instructions —— high temperature configuration

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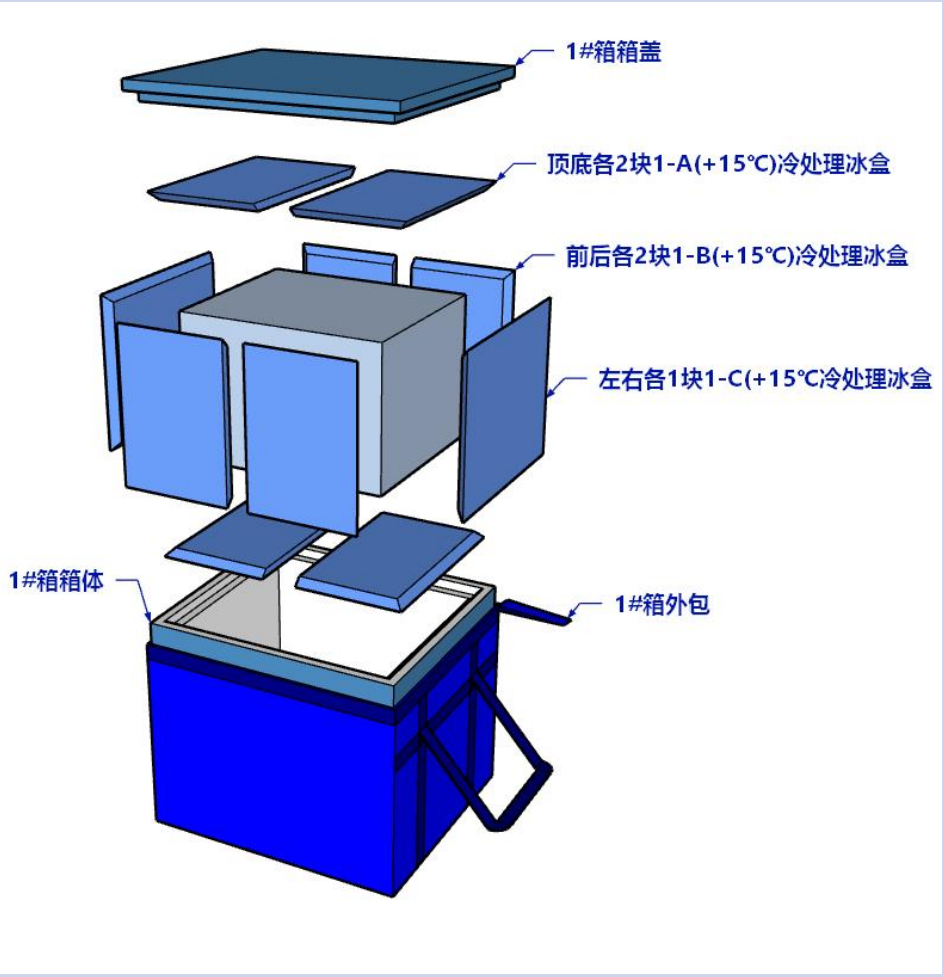
High-temperature configuration



operate

1, the ice box pretreatment

Pretreat 41-A (+ 15℃), 41-B (+ 15℃) and 21-C (+ 15℃) ice cartridge in 2~8℃ environment for at least 72 hours to ensure that the ice cartridge is fully frozen;

Ice box release cold

After freezing, the ice box needs a certain time of release and cooling pretreatment before use (the cooling frame can be used), the relationship between the cooling time and the ambient temperature is as follows (if there

ambient temperature	10～20℃	21～30℃
Release cold time	From 75 to 35 min	From 35 to 15 min

remarks:
1) In the process of cooling, track the surface temperature of the ice box. When the surface temperature of the ice box reaches 10~14 degrees, the packaging can start Loading, the test method is two ice boxes stacked, measuring the middle temperature of two ice boxes overlapping;
2) The specific cooling time depends on the actual situation, and there will be a little difference in different cooling environment;
3) See the attachment for the detailed operation instructions

3. Loading

As shown in the left picture: under 10~20℃ environment, put 21-A (+ 15℃) chilled ice boxes side by side in the bottom of the 1 # Insulated Box box, then place the ice box, place 21-B (+ 15℃) chilled ice boxes before and after the product box, 1-C (+ 15℃) 1-A (+ 15℃) chilled ice box side by side on the top of the product box, cover the box, seal outsourcing, and wait for shipment.

1 # Insulated Box (+ 15℃) use instructions —— low temperature configuration

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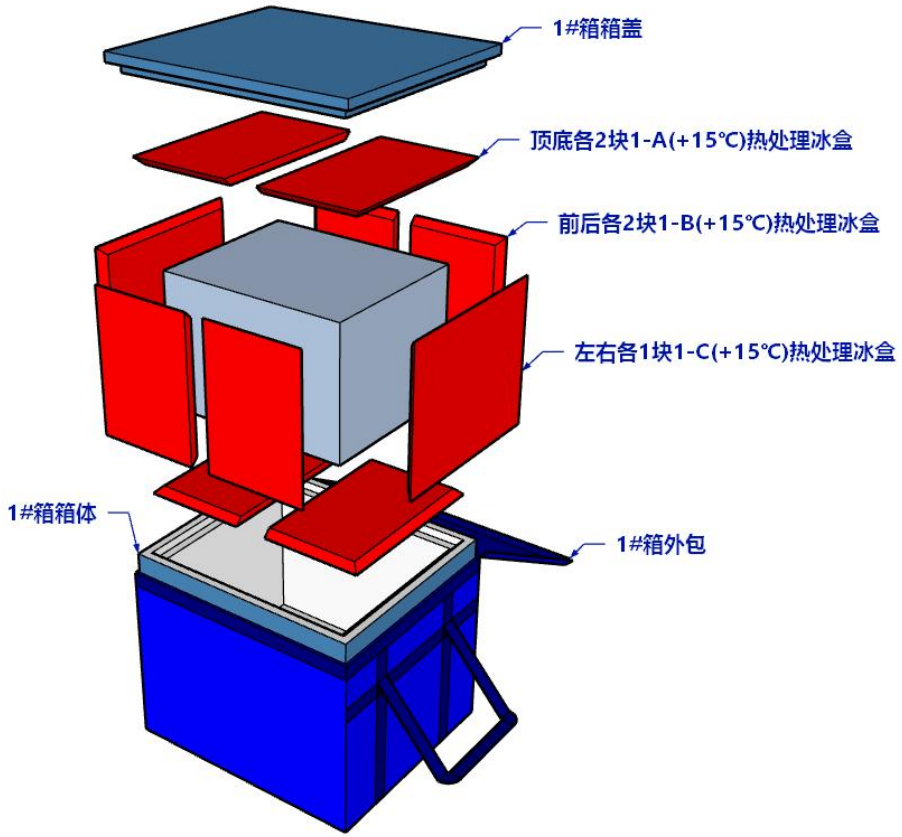
Low-temperature configuration



operate

1, the ice box pretreatment

Pre-treat 41-A (+ 15℃), 41-B (+ 15℃) and 21-C (+ 15℃) ice cartridge in 35℃ environment for at least 72 hours to ensure that the ice cartridge is all liquid;

Ice box release cold

The preheated ice box needs a certain time of paving heat pretreatment before use, and the relationship between the release time and the ambient temperature is as follows (if there is a room temperature environment of

ambient temperature	11～20℃	0～10℃
Heat release time	For about 30 to 50 min	From 10 to 30 min

remarks:
1), the surface temperature of the ice box should be tracked. When the surface temperature of the ice box reaches 18~20 degrees, the packaging can start Loading, the test method is two ice boxes stacked, measuring the middle temperature of two ice boxes overlapping;
2) The specific heat release time depends on the actual situation, and there will be some differences in different heat release environment;
3) See the attachment for the detailed operation instructions

3. Loading

As shown in the left picture: in 10~20℃ environment, put two 1-A (+ 15℃) ice boxes side by side in the bottom of the 1 # insulation box, then place the product box on the ice box, place 21-B (+ 15℃) ice boxes side by side after + 15℃, 1-C (+ 15℃) ice box and place 21-A (+ 15℃) ice boxes side by side on the top of the product box, cover, sealed, and wait for shipment.

Attached 1:1 # Insulated Box (+ 15℃) —— ice box pretreatment instructions

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Ice box is frozen and chilled Preprocessing instructions	Ice box cold storage	Place the ice box in a 2 to 8℃ environment for more than 72h to ensure complete freezing.
	Ice box release cold	After freezing, the ice box is pretreatment, and the relationship between the cooling time and the ambient temperature is as follows: 10~20℃, 75~35 minutes; 21~30℃, 35~15 minutes. Specific cooling time depends on the actual situation, different cooling environment will have a little difference. If there is 10~15℃ environment, the frozen ice box can be placed in this environment for a long time storage (to ensure that the interior material is all solid), the ice box can be used with you;
	Ice box usage status	1. Before use, the ice box shall be solid or slightly liquid and solid, if more liquid or pure liquid shall not be used; the liquid height of the bottom stand of the ice box shall not be higher than 2cm; 2, in the process of cooling to track the ice box surface temperature test (the purpose is to prevent excessive cooling), tracking interval time for 5 minutes, tracking the temperature of the operation method: take two pieces of chilled ice in cooling, two pieces of ice, two pieces of the middle, wait for 2~3 minutes, to read the thermometer temperature gentle temperature, confirm the current temperature will fold the frozen ice separate flat continue cooling; 3. When the surface temperature of the ice box reaches 10~14℃, it can be pushed into 10~20℃ library and packaged.
	remarks	The cooled ice box can use buffer period for 2~3 hours in 10~20℃ library. If there is a large amount of liquid in the ice box, it should be pretreatment in 2-8℃.
Ice box hot Preprocessing instructions	Ice box heat storage	Treat the ice box in 35℃ environment for more than 72h; ensure that the cooling agent in the ice box does not freeze and is in liquid state; (If there is a room temperature environment of 15~20℃, ensure that the inner material of the ice box is all liquid, the ice box can be placed in the environment for a long time, with the use;
	Ice box usage status	1. The ice box should be liquid before use, and it should not be used if it is frozen; 2. Stack the two hot-release ice boxes, and measure the intermediate temperature of the two overlapping ice boxes. The temperature must be between 16 and 20℃;
	remarks	If not used in time: 1. The inner material of the ice box is all liquid, and the remaining ice box can be placed in 15~25℃ environment. Before next use, the surface temperature of the ice box is 10~20℃ to 16~20℃ and the interior material is all liquid, which can be used (if there is 15~20℃ environment, the surface temperature of the ice box can be placed in the environment is between 16~20℃, the inner material is all liquid, and the ice box can be used); 2. If the solid occurs, the ice box should be placed in 35℃ environment until all the solid disappears, and then put the ice box in