1 # Insulated Box (+ 5℃) operating instruction

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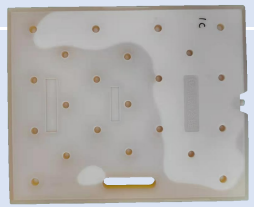
1 # incubator (+ 5℃) configuration table

Configure the name	configuring	Adaptation area
High temperature configuration	The lowest temperature of origin and the lowest temperature of destination were both 4℃	nationwide
Low temperature configuration	The highest temperature of the origin and the destination are <4℃	nationwide

1 # incubator (+ 5℃) assembly

name	specifications /mm		quantity	graphic
1 # incubator (+ 5℃)	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(+5℃)	580×340×25		4	
1-B(+5℃)	480×335×25		4	
1-C(+5℃)	580×480×25		2	

1 # incubator (+ 5℃) use instructions —— high temperature configuration

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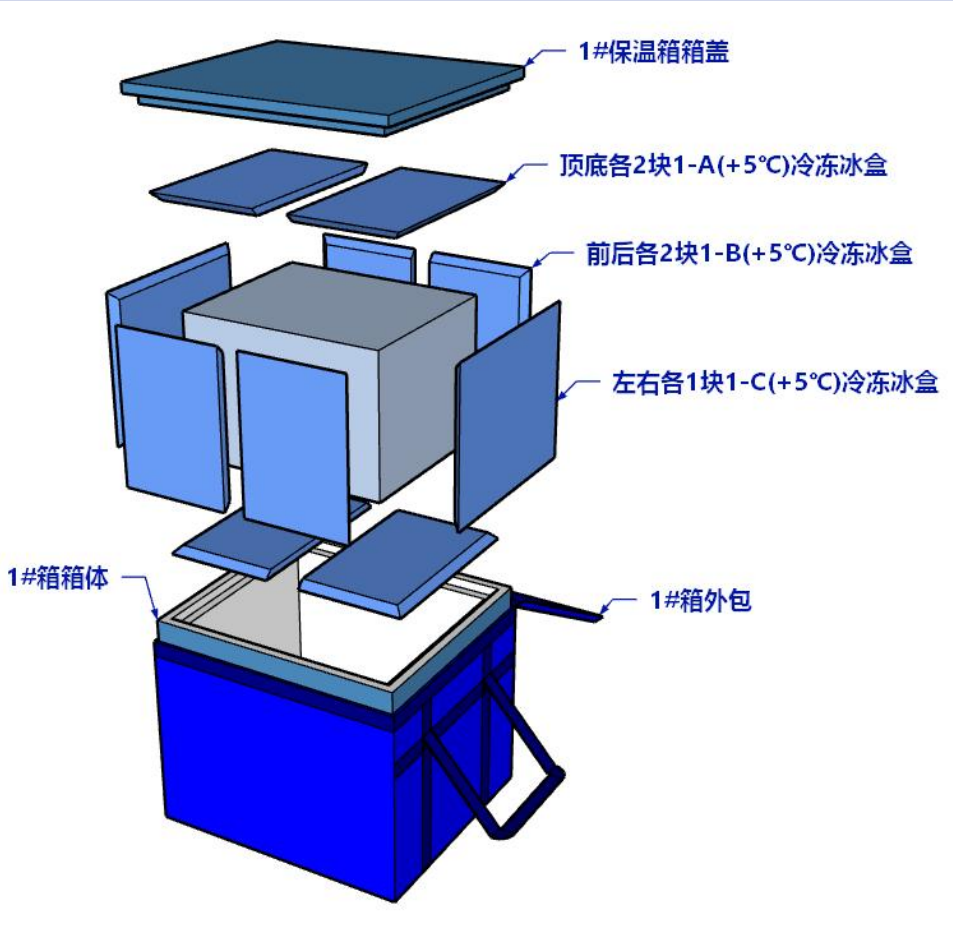
High-temperature configuration



operate

1, the ice box pretreatment

41-A (+ 5℃), 41-B (+ 5℃) and 21-C (+ 5℃) ice cartridge in the-20℃ 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 paving and cooling pretreatment before use, and the relationship between the cooling time and

ambient temperature	2～8℃	9～20℃	21～30℃
Release cold time	From 120 to 75 min	From 75 to 35 min	From 35 to 15 min

remarks:

1. Release process to track the surface temperature of ice box, when the ice box surface temperature between 2~3.5 degrees can start packaging, test method is to take any two pieces of flat cooling ice box flat stack, measuring 2 pieces of ice box overlap in the middle position of the temperature, after the temperature ice box continue to spread cooling, every 10 minutes test a ice box surface temperature, the method repeated;
2. The specific cooling time depends on the actual situation, different cooling environment will have a little difference;
3. See the attachment for the detailed operation instructions

3. Loading

As shown in the left picture: in 2-8℃ environment, place 21-A (+ 5℃) chilled ice boxes side by side in the bottom of 1 # incubator (+ 5℃), and then place the ice box, 21-B (+ 5℃), 11-C (+ 5℃), then place 21-A (+ 5℃) side by side on the top of the product box, cover, seal and wait for shipment.

1 # incubator (+ 5℃) use instructions —— low temperature configuration

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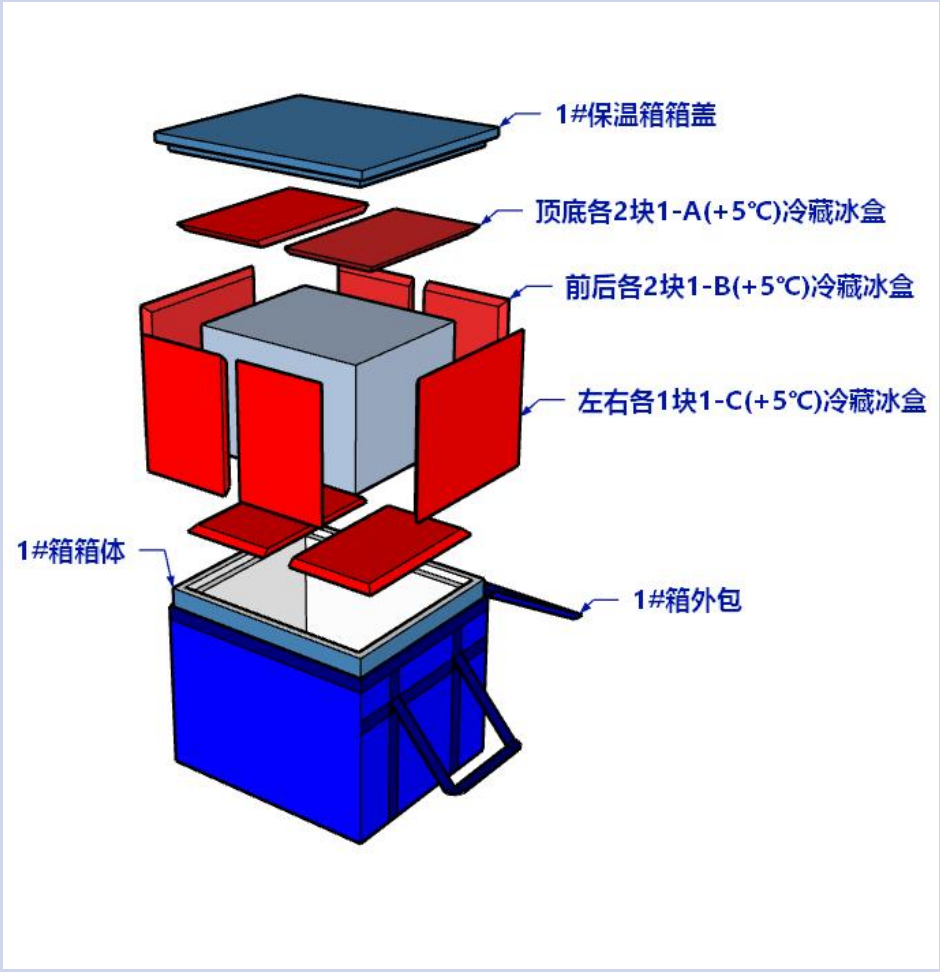
Low-temperature configuration	operate
	**1, the ice box pretreatment** Pretreat 41-A (+ 5℃), 41-B (+ 5℃) and 21-C (+ 5℃) ice boxes in 2~8℃ environment for at least 48 hours to ensure that the ice cooler is not frozen (all liquid); **Ice box release cold** Refrigerated ice boxes are all in liquid state without cooling **3. Loading** As shown in the left picture: in 2-8℃ environment, put 21-A (+ 5℃) refrigerated ice box side by side in the bottom of 1 # incubator (+ 5℃), then place the product box on the ice box, place 21-B (+ 5℃) refrigerated ice box side by side before and after the product box, 11-C (+ 5℃) refrigerated, and then place 21-A (+ 5℃) refrigerated ice box on the top of the product box, cover, seal outsourcing, for shipment.

1:1 # incubator (+ 5℃) —— ice box pretreatment instructions

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Ice box is frozen and chilled Preprocessing instructions	Ice box cold storage	Handle the ice box in the-20 ± 2℃ freezer for more than 72h to ensure complete freezing.
	Ice box release cold	After freezing, the ice box needs a certain time before the cooling pretreatment, and the relationship between the cooling time and the ambient temperature is as follows: 2~8℃, 120~75 minutes【#】; 9~20℃, 75 to 35 minutes; 21 to 30℃, 35 to 15 minutes. Specific cooling time depends on the actual situation, different cooling environment will have a little difference. [#] explain: 1. The frozen ice box can also be cooled in the 2~8℃ cold storage environment, the frozen ice is placed in the turning basket (the loading rate of ice is about 60%), the turning basket is stacked on the tray, and the turning basket is no more than 5 layers, so the surface temperature is stored for 48h in 2~3℃, the cooling ice can be stored for 8 hours within 8 hours; if it cannot be used, please freeze again and release. 2. The standardized pretreatment scheme formed by the above operation shall be formed into a standardized operation manual after the corresponding verification and confirmation with the cooperation of the customer.
	Ice box status	1, the ice box should be solid or a little liquid and solid mixed state before use, if more liquid or pure liquid can not be used; 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 10 minutes, tracking test temperature operation method: take two pieces of chilled ice, two pieces of ice, the two parts of ice middle, wait for 3~5 minutes, to the thermometer temperature gentle reading temperature, confirm the current temperature will fold the frozen ice separate continue to release; 3. When the surface temperature of the ice box reaches 2~3.5℃, it can be pushed into 2~8℃ cold storage.
	remarks	The ice box can be used for 2~8℃. If there is a large amount of liquid in the ice box, it should be returned to the frozen environment for pretreatment.
Ice box cold storage Preprocessing instructions	Ice box cold storage	Treat the ice box in 2~8℃ refrigeration environment for more than 48h; ensure that the cooling agent in the ice box does not freeze and is in liquid state;
	Ice box status	1. The ice box should be liquid before use, and it should not be used if it is frozen; 2. Stack the two ice boxes and measure the middle temperature of the two ice boxes, the temperature must be between 4 and 8℃;
	remarks	If it is not used in time, the freezing phenomenon occurs in 2~8℃ refrigeration environment, it should be thawed at room temperature (10~30℃) as liquid, and then return to 2~8℃ refrigeration environment for pre-cooling;