

## CAS-200

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### Cold Air Skin Cooling system User Manual

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## 1 Caution

Before power-on, operation, and maintenance checks, you must be familiar with the contents of the manual to ensure proper use. You must also be familiar with your equipment and all relevant safety precautions when using it.

Caution
<ul style="list-style-type: none"><li>● Hold the device for more than 3 hours and then turn on the device after receive the machine.</li><li>● Should be placed smooth to reduce vibration.</li><li>● should avoid the body from tilting more than 30°, forbid horizontally or upside down in moving the machine.</li></ul>

## 2 Product

### 2.1 Introduction

This product utilizes a variable frequency air compressor. Once the air is compressed, it is cooled and then sprayed through a refrigeration device. The chilled air cools the skin, providing protection to the epidermis. This helps reduce pain and allows for high energy density treatments without damaging the skin. The ultimate goal is to effectively target the desired tissue.

### 2.2 Function

**Note: This device is not a medical device.**

**Skin Cooling:** Helps to cool the skin during various treatments, such as laser therapy, reducing discomfort and potential thermal damage.

**Local Cryotherapy:** Provides targeted cryotherapy to specific areas, aiding in pain relief and reduction of inflammation.

**Holistic and Therapeutic Massages:** Enhances holistic and therapeutic massage experiences by cooling the skin's temperature without direct contact with the skin or patient. This feature contributes to relaxation, muscle relief, and overall comfort during various types of massages, including sports massages.

### 3 Advantage

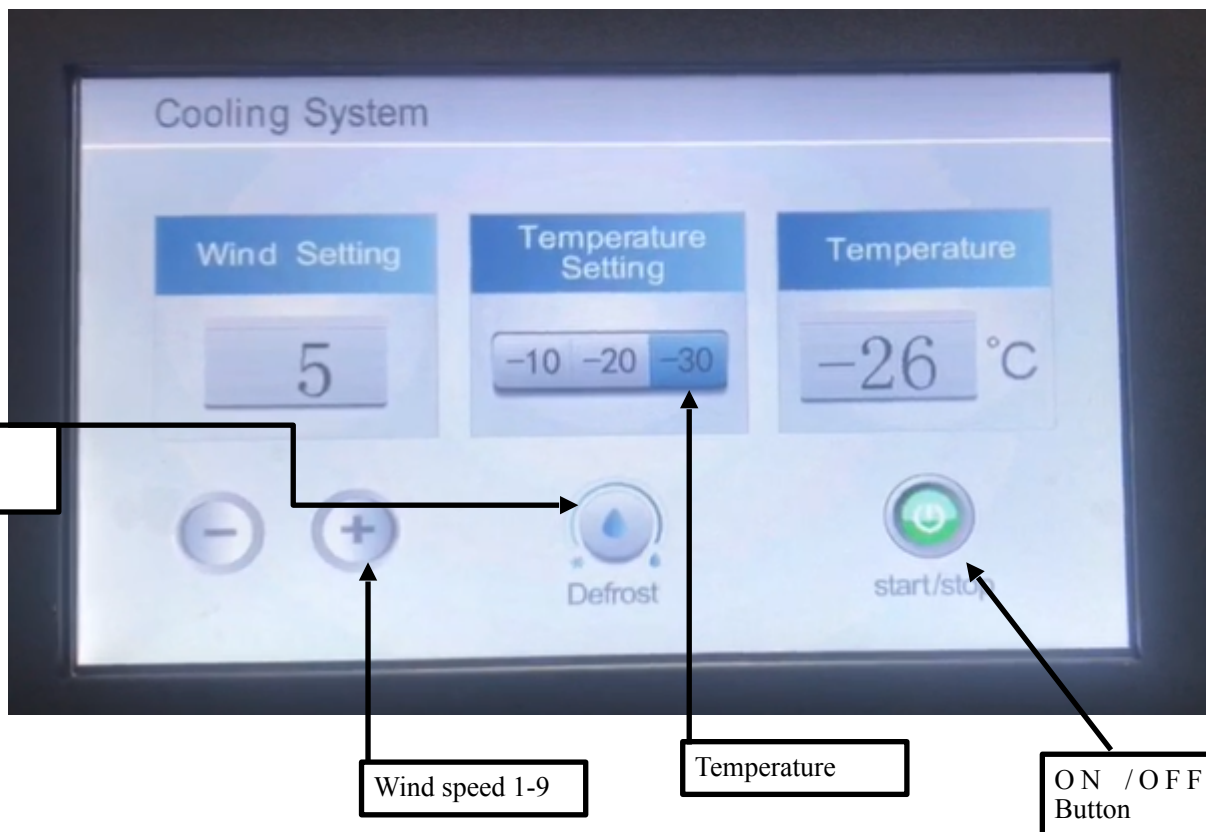
- All 808 lasers, pixel lasers, tattoos, and other cosmetic procedures require good protection of the epidermis. The epidermal air cooler can provide continuous cold protection to the epidermis before, during, and after surgery to protect the epidermis from photothermal effects. Thermal damage caused. The thermal damage that has already occurred after the operation can also be mitigated by the cold protection provided by the epidermic air cooler to mitigate possible adverse effects such as blackening. For local cryotherapy.
- Skin cooling fans increase the resistance of epidermis to thermal damage through preoperative cooling, which reduces the risk of epidermal thermal damage.
- Skin coolers protect the epidermis with powerful intraoperative cooling, making it possible to apply high energy density to deep target tissue.
- The skin cooling fan protects the dermis and subcutaneous tissue with more light and heat through strong protection of the epidermis, so as to ensure better skin rejuvenation, weight loss and sputum.
- Skin cooling fans recover through postoperative cooling, reducing the risk of epidermal thermal damage while greatly improving the customer's treatment experience and comfort, which is conducive to improving customer satisfaction.

## 4 Parameter

<b>Model</b>	MD-CAS200
<b>Voltage</b>	220/110V
<b>Air Volume</b>	0-2m <sup>3</sup> /min Infinitely variable speed
<b>Power</b>	1000W
<b>Noise</b>	<65db
<b>cold medium</b>	404A
<b>Lowest Temp.</b>	-30°C
<b>Weight</b>	55kg.
<b>Size</b>	330x570x730mm

## 5 Operation

### 5.1 Operation panel



## Instructions:

1. Turn on the power.
2. Press the **\*\*On\*\*** button on the screen (when the button turns green, the device is working).
3. Wait approximately 5 minutes until the temperature drops below  $-15^{\circ}\text{C}$ , then adjust the air speed (1-5 grade).

## Defrost:

- Use the **\*\*Defrost\*\*** button only after the machine has been working continuously for an extended period, and the air output is no longer cooling as usual.
- Defrosting will turn the ice inside the machine into water. When the water tank is full, the machine will alarm. At this point, release the water from the bottom of the machine.

## 5.2 installation

### Strut Arm



### Cryo cup



### Cold air Hose



### pothook

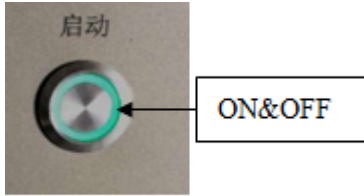


### Face mask



### 5.3 Turn On the machine

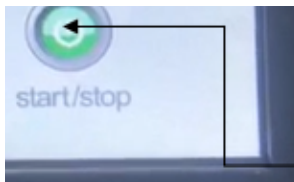
1 Turn on the Power switch on the back of the machine.



2 Power on

1 Press the Start button (On/Off) on the cooling device.

2 Then, press the On button on the screen.



You will observe the thermometer showing the temperature gradually decreasing. When the temperature reaches between -10 and -15 degrees, turn the air volume knob to the 2-3 position. The frequency conversion air compressor will start. The air cooler's temperature meter will continue to show the temperature decreasing.

When the temperature drops below -10 degrees, the cold wind machine can be used normally, based on the guest's tolerance to cold wind. Select the appropriate wind speed according to capacity and need.

3 Adjust wind speed

Use the air volume adjustment knob on the panel to set the desired wind speed. As the wind speed increases, there may be a slight increase in noise. It is generally recommended to select a setting between 4 and 6. The higher the setting, the greater the air volume, and the less intense the cold air felt by customers.

4 Defrost



When the cold air machine has been operating continuously for 2 hours

or more, and you notice that the cooling is no longer as strong, press the Defrost button. The machine will enter the defrosting state and will stop refrigerating. Turn the air compressor knob to the minimum setting to prevent water from blowing into the hose.

When the temperature rises above 10 degrees, stop defrosting by pressing the Defrost (On/Off) button again. The equipment will automatically switch back to the refrigeration state.

#### 5 Water Outlet (under the machine)

After the defrosting is completed, if the water level in the water storage box reaches a certain level, the alarm will sound, prompting you to release the water. Turn off the equipment, unscrew the water outlet screw, and release the water from the storage box. Once the water is released, tightly screw the outlet back on to prevent air leakage.



## 6. Caution

**1 Do not blow cold air on the same area for an extended period to avoid frostbite.**

**2 Ensure the hose nozzle is kept at least 8 centimeters away from the skin to prevent frostbite.**

**3 During transportation, make sure to release the water and keep the inclination angle below 30 degrees.**

**4 Avoid using alcohol to clean the panel to prevent the lettering from fading.**

**5 Do not switch the machine on and off frequently. The interval between power cycles should be at least 3 minutes.**

## **7 Maintains &Warranty**

### **7.1 After-Sales Service**

- 1 If the machine is not functioning properly, please read and check the instructions again.
- 2 In case of failure, please contact the seller's service or the after-sales service listed in the instructions.
- 3 During the warranty period, if defects are caused by issues from our company, we will provide free repairs.
- 4 After the warranty period, repairs will be provided for a fee according to customer requirements.

### **7.2 Warranty Period**

The warranty period for the product is 12 months. During this period, if the product is found to be defective under normal use, our company will repair it free of charge and replace damaged parts at no cost. However, even during the warranty period, the following conditions will incur paid repairs:

- 1 Defects resulting from user errors, unauthorized modifications, or improper self-maintenance.
- 2 Use beyond the specified standard operating conditions.
- 3 Damage caused by natural disasters such as earthquakes, fires, winds, lightning, abnormal voltage, or other unforeseen events.

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