

Pro Freezer manual.

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FROZENTUBS

Display operating functions.



Indicator light

Icon	Name	Indicator light ON	Indicator light OFF	Indicator light Blinking
	Cooling	Freezer is cooling	Freezer not cooling	Compressor initiating
	Constant temperature	Temperature target reached	Not at target temperature	N/A
	Heating	N/A	N/A	N/A
	Defrost	N/A	N/A	N/A

Button

Icon	Name	Description
	Run	Press once to start or stop cooling.
	Set	Press once to enter target temperature.
	Up arrow	Adjust parameters higher.
	Down arrow	Adjust parameters lower.
	Water pump	Press once to turn on or off the water pump.
	Oxygen pump	Press once to turn on or off the oxygen pump.
	Lighting	Press once to turn on or off the internal UV light.

Operating functions

Insert the plug into the socket to turn on the freezer. Press the [Run] button once to turn ON the cooling function. The freezer will start cooling to target temperature. *Keep in mind that the freezer needs 3minutes to start up the cooling process. Press the [Run] button once again to turn OFF the cooling function.

Press the [Set] button to activate target temperature. Red target indicator is now blinking. Press the [Up] or [Down] button to set your target temperature. Wait 5 seconds, when blinking stops the target temperature is set.

Technical Parameters:

- Power consumption display: ≤ 5W
- Output load: compressor 15A, fan, four-way valve 5A
- Display range: 0~42°C
- Control range: 0 ~ 40 ° C (factory 25 ° C)
- Working voltage: AC220V ± 10% 50/60HZ
- Working environment: -10 ° C ~ 50 ° C Rh ≤ 95%

Display fault codes.

Button

Code	Fault description	Cause of failure
E1	Water thermometer failure	The thermometer is damaged or not installed properly
E3	Water flow	Water shortage leads to short circuit between the water flow detection port of the motherboard
E4	Low voltage	Compressor pressure is too low, resulting in short circuit between the low-pressure detection and motherboard
E5	High voltage	Compressor pressure is too high, resulting in short circuit between the high-pressure detection and motherboard
E6	Current overload	Overload in current
EH	Ultra high temperature	Temperature limit exceeded
EL	Ultra low temperature	Temperature limit exceeded

Troubleshooting.

- If the ambient temperature or water temperature is too high, this can lead to an increase in the system's pressure. If this happens, the compressor will cut out stop to protect the freezer. If this happens, ensure appropriate ventilation and/or cooling, then the freezer will restart.
- After normal use for a long time, the refrigerating capacity may significantly reduce. This may be because the refrigerant is insufficient. Please send to professional maintenance and infuse the same refrigerant.
- Display board is not bright, or the machine doesn't work, check the power plug is loose, and check whether the fuse fusing, if insurance tube is replaced.
- If according to normal procedure operation, the machine other abnormal situation, should send the dealer or professional maintenance, please do not repair the machine in private.
- Contact info@frozentubs.com for any other question or concern.

Safe use attention

- All external components must be kept dry.
- Ensure the freezer's power supply is correctly grounded.
- Installation surface must be level and firm.
- If the freezer is upside down or on its side, it may damage internal components and prevent the unit from running properly. In that case don't boot up for at least 30 minutes.
- Let the freezer stand for at least 4 hours after delivery before running it, so that the compressor fluid can return to normal.
- The power socket and cables must be able to safely handle 4 to 5 times the required current. It is required to provided dedicated socket for each freezer.
- Don't install the freezer outside or in areas where it may become wet or vulner able to splashing water and other liquids.
- Install in an area with good ventilation conditions, otherwise the machine's cooling capability will decrease.
- The circulating water pump head should not be more than 8m, otherwise it will cause damage to the tank or leak. Circulating water needs to conform to the requirements of the technical parameter table, otherwise it will affect the cooling effect.
- The water should be filtered before passing through the freezer.
- When cleaning the Frozentub, switch off freezer and disconnect it from the power supply.

Warning and warranty.

- DO NOT plug in the power supply with wet hands, or you may get electrocuted or injured.
- Please use the power socket alone, not with other extension leads etc, to avoid over heated and risk of fire.
- Do not use the water chiller continuously; please unplug the power plug to prevent short-circuit or device aging caused by accident.
- The socket used should be above the freezer, and care should be taken to avoid moisture flowing to the power cord to the socket.
- Do not install the freezer on an unstable surface, in high temperatures or direct sunlight, oily fumes, unventilated or humid places.
- Do not cover or obscure the vents, fans and intakes.
- Do not use the product upside down or on its side.
- Do not use with outside temperatures under 0°C to prevent frosting inside the freezer.
- Do not set target temperature under 2.8°C to prevent frosting inside the freezer.

Frozentubs or its dealer warrants this product shall be free from defective electrical components and leaks or cracks due to defects in materials or workmanship for a period of twelve (12) months from the date of purchase. If a defect is shown, Frozentubs or its dealer will, at Frozentubs or its dealer's sole discretion, either repair or replace the product without charge. No cash refunds will be made. This warranty is provided solely to the original consumer purchaser of the product and may not be transferred or assigned. This warranty does not apply to damage resulting from accidents, misuse, abuse, lack of reasonable care, failure to follow safety and installation instructions, use of the product with non-standard electrical service, or any other defect not resulting from defects in the electrical components of the product or defects in materials or workmanship. This warranty will not be effective unless and until the Frozentubs or its dealer's product is shown to have been used in accordance with the safety and installation instructions accompanying the product. To claim warranty, the user must provide a valid proof of purchase stating the date and place of purchase.

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