Instruction Manual	Drymax

Contents

Thank you for your purchase.

Thank you very much for your purchase of our product.

To use it properly, please carefully read and refer to this "Instruction Manual" to use the product more safely in a better condition

Also, to use the product for long time, please keep this "Instruction Manual" carefully.

In case that you may transfer or lend the product to other, please be sure to hand over this "Instruction Manual" with the product itself so that a new user could know the way of safe and proper use of the product.

Safety Precautions

In this operation manual, in order to ensure the safe and correct use of the product and to prevent accidents and damage, information regarding matters requiring special attention for safety is defined by the following warning labels according to the degree of importance and risk.

Indications and their meanings

Danger	Danger of death or serious injury is near at hand with wrong handling.
Warning	Riskiness of death or serious injury may occur with wrong handling.
Caution	Injury and physical loss only may occur with wrong handling
Suggestion	Caution is required for safety.

Indication mark of the safety

	This indicates the risk of electric shock under certain conditions.
	This indicates the prohibition the case can cause the electric shock with disassemble or reorganization the product.
	This indicate of unplug the power plug from the outlet when it is not used for the safety.

Installation Precautions

Please follow the below rules for safe use.

⚠ DANGER

Prohibited matters

•Do not use in an explosive or flammable atmosphere. It may cause a fire.

•Use an outlet that is compatible with rating power supply voltage, frequency, and capacity. Do not use branch sockets or table taps. It may cause fire or electric shock.

Ground wire connection

•To prevent electric shock, be sure Connect the ground wire to a ground.

(Use an outlet with a ground terminal)

•If the power cord is damaged, be sure to replace it. Please replace with power cord of the same type and spec.

Please be careful not to place objects on the power cord. Please do not put power cord in the place where people pass by.

•When you pull out the power cord, be sure to pull out the plug. When plugging in, make sure the plug is fully inserted into the outlet. Do not pull the power cord too hard when removing the plug.

⚠ Caution

Prohibited matters

•This product is designed for indoor use. Do not use outdoors or in wet areas.

•Install the product at an ambient temperature within 5 ~ 35 °C. Do not install in an unusually humid environment.

•Do not use in direct sunlight or near heating appliances. In addition to preventing the ability from operating properly, this may cause malfunction.

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compulsory matter

•Please install it with sufficient distance from the wall or ceiling.
•Please install it in a place with less dust and good ventilation.

•Please use under the direction of a person with specialized knowledge.

•Please install on a level floor. If the floor is not level, there will be a gap between the doors. In that case, use the attached auxiliary plate, etc to adjust it.

Out of line. No.
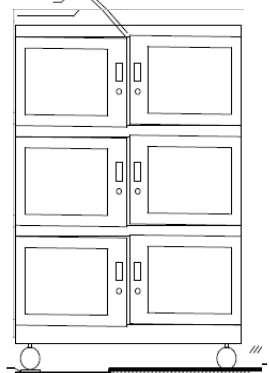
auxiliary plate

Operation Precautions

Please follow the rules below for safe use.

⚠ Danger

Do not put explosive or flammable substances in the product. May cause explosion or fire. Do not use highly volatile chemicals such as ether, benzene, alcohol or LP gas.

Do not use in wet environments. There is a risk of electric shock.

⚠ Warning

- Operators should not attempt to disassemble or repair the unit.
  There is a risk of electric shock.

- Do not use corrosive chemicals such as hydrochloric acid. This may cause corrosion, deterioration or malfunction of the product.

- The door is made of glass, so please do not shock it or handle it roughly.

- Do not insert or remove the plug with wet hands. There is a risk of electric shock.

- Please insert the plug firmly. If it is loose, it may cause an abnormal fever or fire.
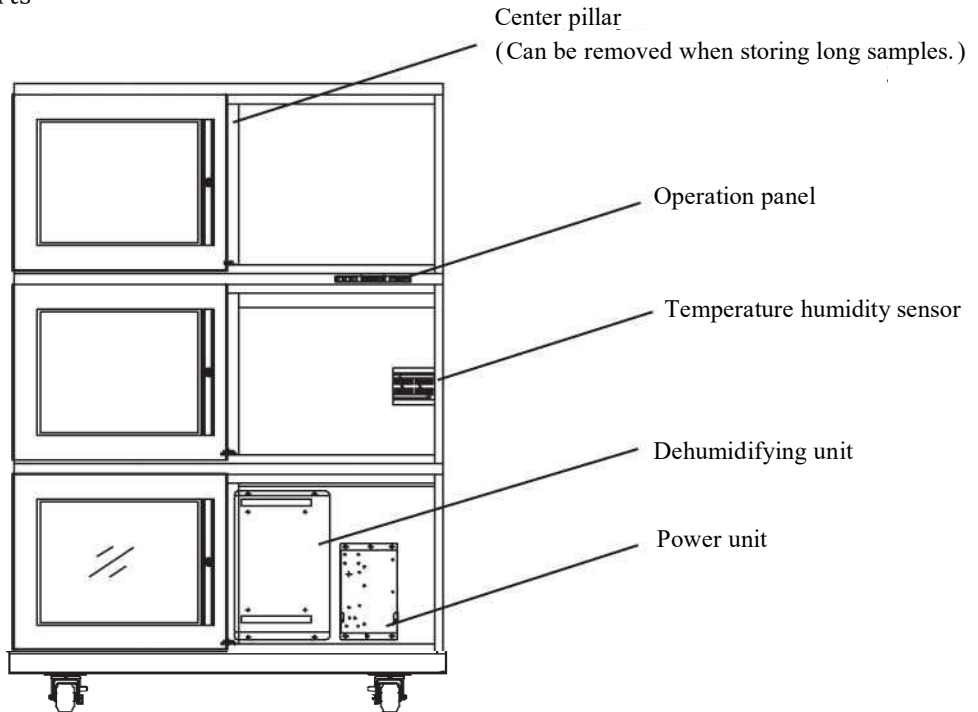
Maintenance

•Maintenance

•After use, wipe off dirt with a dry cloth.
  Do not use corrosive chemicals.

• After use, wipe off dirt with a dry cloth and store.

•If the product will not be used for an extended period of time, remove the power cord and use a cloth or plastic sheet to prevent dust.

•Overview

> This product absorbs moisture from the inside of the refrigerator by the adsorbent, and can keep it in a low humidity state. The absorbent that absorbs moisture is automatically heated and regenerated once every 6 hours for 1 hour, so it can be used continuously without special maintenance.
> Can be used widely for storage of electronic parts such as IC, Wafer, LCD Panel, various chemicals, samples and etc.

•Names of parts

Center pillar
(Can be removed when storing long samples.)

Operation panel

Temperature humidity sensor

Dehumidifying unit

Power unit

Operation panel

UP/DOWN key   SET key

Humidity/Temperature

DRY MAX AUTO-DRY DESSICATOR   Alarm Recycle   %RH

°C

Alarm Lamp   Play Light   Humidity-Temperature Display   Temperature Display Light   ON/OFF key
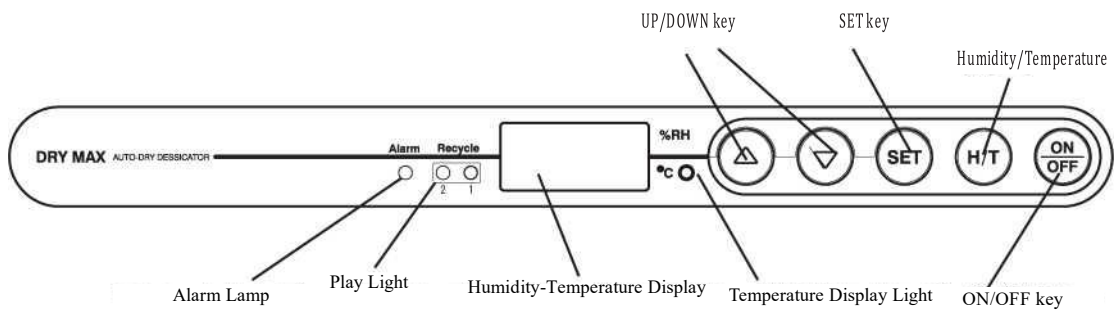
•Operation method

①   **Please insert the power supply plug into the outlet.**

②   **Press the ON/OFF key on the operation panel to turn on the power supply.**
(The display will be shown "888" →"U 2.0" and the current internal humidity will be appeared on the display.)
  *Play light will display "1" → "2 " then the operation will start automatically.

  The play light turns on during unit work and turn off after work.)

③ Press the SET key and enter the desired set humidity by UP/DOWN key.
After pressing the SET key again, the humidity setting is completed. Then the humidity/temperature display
changes to the current humidity.
   (The factory setting is 1%.)

SET
▲／▼   10.0
SET
↓
55.0
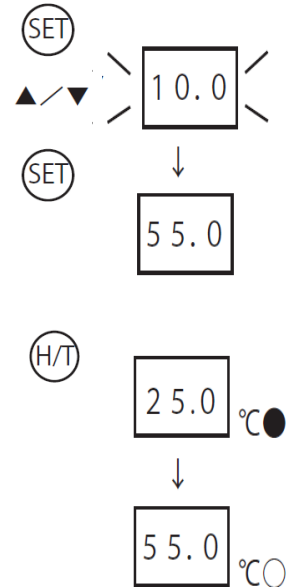
④ **Normally, humidity is displayed on the humidity/temperature display.**
  Press the humidity/temperature switch key when checking the inside temperature.
  inside temperature is displayed and the display switches to the internal humidity
  display after 5 seconds.
(When inside temperature is displayed, the inside temperature indicator lights.)

H/T
25.0 ℃●
↓
55.0 ℃○

⑤To stop the operation, press the On/OFF key.
Unplug the power cord if you will not be using it for a long time.

•**Humidity** alarm setting method

When the internal humidity of this product rises due to some abnormality, etc.,
The humidity alarm lights up.
You can set alarm conditions (Humidity and time) by the following procedure.

① While the machine is in operation, press the SET key and the DOWN (▼) key at the
same time. Then it will switch to alarm setting mode.

② The humidity/temperature display lights up, so use the UP/DOWN keys to input the
humidity.

③ When the SET key is pressed, the alarm humidity is input.
The dot in the humidity/temperature display flashes. The blinking dot means the alarm
time input mode.

④ Enter the alarm time (unit: minutes) with the UP/DOWN keys and press the SET key.
(The internal humidity is displayed on the humidity/temperature display.Return to the
operating status.)

In the figure on the right, the alarm lamp lights up when the internal humidity is 50% and
20 minutes have elapsed.

SET + ▼
↓
99.0
↓ ▼
50.0
↓ SET
20. ▲/▼
↓ SET
55.0
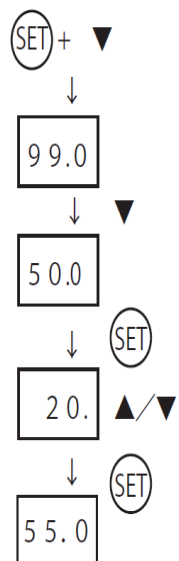
If there is any abnormality with the product, refer to the following symptoms and countermeasures. If you have any other abnormalities, contact the dealer from which you purchased the product.

Symptoms	How to deal with
Not Displayed	Press the ON/OFF key to check if power supply enters.
	Is the power supply plug plugged in?
	Is there any problem in power supply?
It Do not dehumidify to the set value.	Is the humidity setting correct?
	Is the center pillar installed? (DMX-1200, SDMX-1200)
	Is the door closed properly?
	Don't you open and close the door frequently?
	Do you keep a sample with a lot of moisture?
	Is the dehumidification unit Operation? (If the unit is abnormal, please contact your dealer.)

Product Specifications

	DMX-400	DMX-600	DMX-1200	SDMX-400	SDMX-600	SDMX-1200
Attainable humidity	1%					
Humidity control range	1 ~ 50% (No Humidification)					
Humidity sensor	Electrostatic capacity Type					
Humidity sensor accuracy	± 2%					
Ambient temperature	5 ~ 40 °C					
External dimension (mm)	599 x 658 x 1255	599 x 568 x 1 785	1200 x 658 x 1840	599 x 658 x 1255	599 x 568 x 1 785	1200 x 658 x 1840
Capacity (L)	388	580	1160	388	580	1160
Shelf board Dimensions	555 x 490	555 x 490	1157 x 490	555 x 490	555 x 490	1157 x 490
Number of attached shelf board	3 pieces	5 pieces	5 pieces	3 pieces	5 pieces	5 pieces
Main body material	Steel (SPCC Material) Conductive Coating Finish			Stainless Steel (SUS304) Hairline Finish		
Shelf board material	Stainless Steel (SUS430)					
Shelf board Load tolerance	100 kg					
Caster Load tolerance	300 kg		1050 kg	300 kg		1050 kg
Power supply	AC100V 50/60 Hz					
Maximum Power Consumption (W)	290		540	290		540
Average Power Consumption (W/h)	31		52	31		52
Caster	φ 75 mm PU		φ 125 mm PU	φ 75 mm PU		φ 125 mm PU
Weight (kg)	83	118	176	83	118	176

Made in China

The humidity control range is a reference value for an indoor no-load , outdoor environment of 25 °C, 60 %RH.