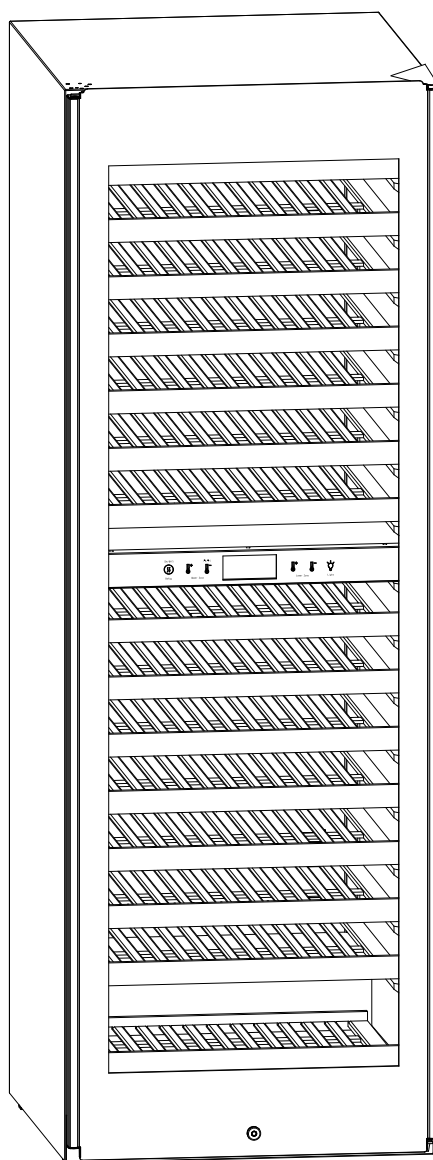# KANEDA

## INSTRUCTION MANUAL



# KANEDA KW-160DTH
## 160-bottle dual zone compressor wine cellar

**Capacity is based on Bordeaux type 0.75 litre and subject to the number of shelves and display pattern.

*please read carefully and follow all safety rules and operating instructions*

# WARNING

- The appliance must be installed properly on a stable and strong place which can support the appliance. The plug should be firmly connected to the electricity supply socket. Do not touch the compressor with hand as it is very hot. Do not move the appliance while the appliance is loading with wine.
- To prevent damaging the door gasket, make sure the door is fully opened before pulling the wooden shelves out of the rail compartment.
- If the power supply cord or plug is damaged, it must be replaced by manufacturer's service agent or a qualified technician in order to avoid a hazard.

# IMPORTANT SAFETY INSTRUCTIONS

| ⚡WARNING⚡ | To eliminate the risk of fire, electrical shock, or injury when using your appliance, please follow the below safety precautions. |
|---|---|

- Read all instructions before using the wine cellar.
- Risk of child entrapment.
  Always lock the door to avoid child entrapment as suffocation is possible if child stayed inside the appliance. Never allow children to operate, play with, or crawl inside the appliance.
- Never clean the appliance with flammable fluids.  The fumes may create a fire hazard or explosion.
- Do not store gasoline or any other flammable vapors and liquids in the appliance.  The fumes can create a fire hazard or explosion.
- Leave at least 3 cm of space on both sides and at the rear for heat dissipation.

# INSTALLATION INSTRUCTIONS

➢ **Before Using Your Wine Cellar**

- Remove the exterior and interior packing.
- Before connecting the Wine Cellar to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth.
- When disposing your appliance, please choose an authorized disposal agent.

➢ **Installation of Your Wine Cellar**

- This appliance is designed for free standing installation.
- Place your wine cellar on a floor that is strong enough to support it when it is fully loaded. To level your wine cellar, adjust the front leveling leg at the bottom of the wine cellar.
- Locate the wine cellar away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the foaming case and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not performing properly.
- Avoid locating the unit in moist areas.
- Plug the wine cellar into an exclusive, properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized products service center.
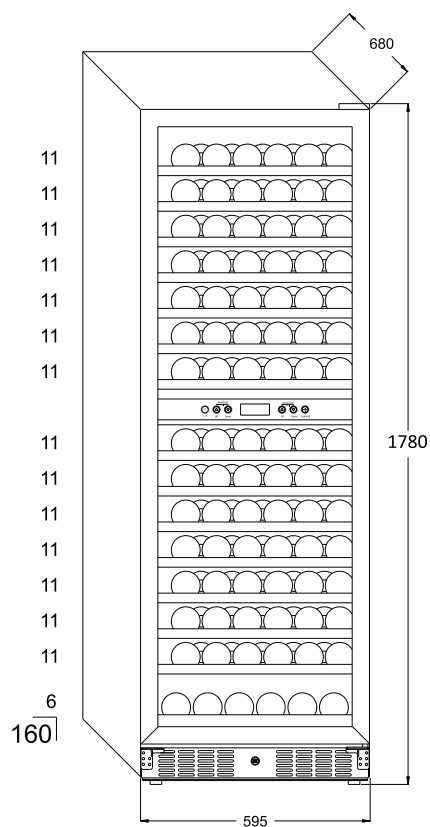
➢ **Attention**

- Store wine in sealed bottles.
- Do not overload the cabinet.
- Do not open the door unless necessary; door frequently opened would influence its operation.
- Do not cover shelves with aluminum foil or any other shelf material which may prevent air circulation.
- Should the Wine cellar not being used for a long period of time, it is suggested that, after a careful cleansing, leave the door opened to allow fresh air circulates inside the cabinet. This will avoid possible formations of condensation, mold or odors.  But always prevent child entrapment.

# TECHNICAL DATA

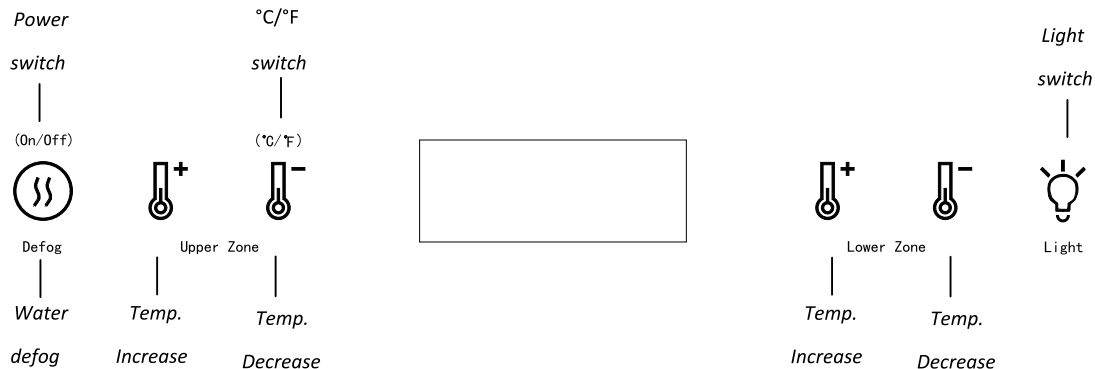| Model no. | KW-160DTH |
|---|---|
| Capacity | 410L |
| Rated Voltage | 220-240V |
| Rated Current | 1.5A |
| Rated Frequency | 50Hz |
| Climate Class | T/ST/N/SN |
| Input power | 130W |
| Temperature Control Range | 5-10°C/10-18°C |
| Bottle Quantity | 171bottles |
| Net Weight | 100.3KG |
| Gross Weight | 113.3KG |
| Product Dimension(W×H×D) | 595x1780x680mm |
| Packing Dimension(W×H×D) | 663x1952x736mm |

➢ Bottle Layout



⊙Based on 750ml Bordeaux Bottle

# OPERATING YOUR WINE CELLAR

The wine cellar should be placed in where the ambient temperature is between 5-35°C. If the ambient temperature is above or below this range, the performance of the unit may be affected. For example, placing your unit in extreme cold or hot conditions may cause interior temperature fluctuatlion. The range of 5-18°C (40-66°F) may not be reached.

## ➢ The control panel of your Wine cellar

| Power switch | °C/°F switch | | | Light switch |
|---|---|---|---|---|
| (On/Off) | (°C/°F) | | (+ / −) | |
| Defog | Upper Zone | | Lower Zone | Light |
| Water defog | Temp. Increase | Temp. Decrease | Temp. Increase | Temp. Decrease |

- Temperature range: Upper zone 5-10°C（40-50°F）; Lower zone 10-18 °C（50-66°F）
- Constant LED=Cooling temperature.
- Press "Defog" for 3s =Power switch (on/off).
- Press "-" on upper zone for 3s =°C/°F switch.
- Activate defog function by pressing the Defog button(When there is fog on the door, press the defog button. This button should not be left on for long periods of time).

**SETTING THE TEMPERATURE CONTROLS:**

To set the temperature

Set the desired cooling temperature by touching the symbols above "+/-" program. Each depress the symbol will scroll through the available temperature setting by increasing/decreasing of 1 degree. The temperature selected will flash in the LED display for approximately 5 seconds, then revert back to display the temperature of the internal cabinet.
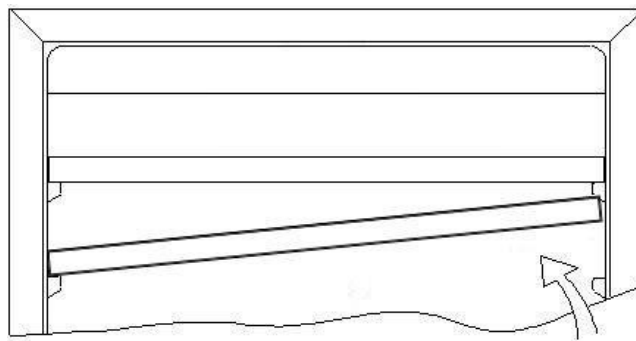
The temperature setting can be adjusted from 5°C~18°C (40°F ~ 66°F).

**Flashing LED** = Set Temperature
**Steady LED** = Cabinet Temperature

## ➢ Shelves

- To prevent damaging the door gasket, make sure the door is fully opened when pulling shelves out of the rail compartment.
- For easy access to the storage content, you must pull the shelves approximately 1/3 out of the rail compartment. This unit is designed with a notch on each side of the shelf tracks to prevent bottles falling out.
- When removing any of these shelves out of the rail compartment, tilt the shelf as per the diagram and simply pull it out. The same method for pushing in the shelf until it sits on the support brackets firmly.



## ➢ NOTE:

- If the unit is unplugged, power lost, or turned off, you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time interval, the wine cellar will not start.
- When you use the wine cellar for the first time or restart the wine cellar after having been shut off for a long time, there could be a few degrees variance between the temperature you select and the one indicated on the LED readout. This is normal and it is due to the length of the activation time. Once the wine cellar is running for a few hours everything will be back to normal.
- Heating elements are equipped at both sides of the wine cellar (this design aims to save energy and prevent water condense happening. After the wine cellar is running smoothly, the two sides will be cool and heat alternatively.

# CARE AND MAINTENANCE

## ➢ Cleaning Your wine cellar
- Turn off the power, unplug the appliance, and remove all items including shelves and rack.
- Wash the inside surfaces with warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.
- Wash the shelves with a mild detergent solution.
- Wring excess water out of the sponge or cloth when cleaning area of the controls, or any electrical parts.
- Wash the outside cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.

## ➢ Power Failure
- Most power failures, if it can be resumed within few hours, would not affect the temperature of your appliance. However, you must try to reduce the frequency of door opening during this period.. If the power failure will last for a longer period of time, you need to take proper steps to protect your contents.

## ➢ Vacation Time
- **Short vacations:** Leave the wine cellar operates during the vacation of less than three weeks time.
- **Long vacations:** If the appliance will not be used for several months, remove all items and turn off the appliance.  Clean and dry the interior thoroughly.  To prevent odor and mold growth, leave the door open until all water/liquid evaporated( avoid child entrapment), and then close the door.

## ➢ Moving Your Wine cellar
- Take out all items.
- Use packing tape to tape down all loose items (shelves) inside your appliance.
- Turn the adjustable leg up to the base to avoid damage.
- Tape the door shut.
- Make sure the appliance stays in a upright position during transportation.  Also protect outside of appliance with a blanket, or similar item.

## ➢ Energy Saving Tips
- The Wine cellar should be located in the coolest area of the room, away from heat producing appliances, and out of the direct sunlight.

# SELF PROBLEM SOLVING

You can solve many common wine cellar problems easily by yourself. It can save your cost for a possible service call. Try the below steps to see if you can solve the problem before calling the servicer.

## TROUBLESHOOTING GUIDE

| PROBLEM | POSSIBLE CAUSE |
|---|---|
| Wine cellar does not operate. | Not plugged in properly.<br>The appliance is turned off.<br>The circuit breaker tripped or a blown fuse. |
| Wine cellar is not cold enough. | Check the temperature control setting.<br>External environment may require a lower temperature setting.<br>The door is opened too often.<br>The door is not closed completely.<br>The door gasket does not seal properly. |
| Turns on and off frequently. | The room temperature is hotter than normal.<br>A large amount of contents has been added to the wine cellar<br>The door is opened too often.<br>The door is not closed completely.<br>The temperature control is not set correctly.<br>The door gasket does not seal properly. |
| The light does not work. | Not plugged in properly.<br>The circuit breaker tripped or a blown fuse.<br>The bulb has burned out.<br>The light button is "OFF". |
| Vibrations. | Check to assure that the wine cellar is level, and adjust the leg level. |
| The wine cellar seems to make too much noise. | The rattling noise may come from the flow of the refrigerant, which is normal.<br>As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your Wine cellar.<br>Contraction and expansion of the inside walls may cause popping and crackling noises.<br>The wine cellar is not level. |
| The door cannot close properly. | The wine cellar is not level.<br>The door was reversed and not properly installed.<br>The gasket is dirty.<br>The shelves are out of position. |