

User Manual Book

Chiller & Freezer

Upright Chiller

UC 1230 DASS
UC 1460 DASS

Counter Chiller

CC 2121 DASS
CC 2151 DASS
CC 3181 DASS

Upright Freezer

UF 1230 DASS
UF 1460 DASS

Counter Freezer

CF 2151 DASS
CF 3181 DASS

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This guide book explains everything you need to know about your new product. Please contact our Customer Care should you need further assistance through www.modena.com.

PART 1: SAFETY INFORMATION

Read the user manual book carefully

- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- The refrigerant and insulation blowing agent inside the refrigerator need special disposal procedure. Consult the disposal method with related department
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance. Do not use plug adapter.
- To avoid hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- Clean the surfaces that come in contact with food and accessible drainage systems regularly
- If power outage occurs, unplug the power cord. Wait at least 10 minutes before starting the appliance to avoid damage to the compressor.
- While carrying and positioning the appliance, do not damage the cooler gas circuit.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, an authorized service agent or similar qualified persons, in order to avoid a hazard.

Environmental Notice



The packaging material used is recyclable. We recommend that you separate plastic, paper and cardboard and give them to recycling agents. To help preserve the environment, the refrigerant used in this product is iso-butane (R600a) or propane (R290), which does not affect the ozone layer and has little impact on the greenhouse effect. According to WEEE (Waste of Electrical and Electronic Equipment) guidelines, waste from electrical and electronic devices should be collected separately. If you need to remove of this appliance in the future, do not throw it away with the rest of your domestic garbage. Instead, please take the appliance to the nearest WEEE collecting agents, where available.

PART 2: NAME OF PARTS



**Above picture is for reference only. Difference between the picture and actual product may occur*

***Feature and equipments differ by each product*

PART 3: QUICK START GUIDE

Control Panel



Key Functions

| | |
|--|---|
| SET | To display target set point, in programming mode it selects a parameter or confirm an operation |
|  | To start a manual defrost |
|  | In programming mode it browses the parameter codes or increases the displayed value |
|  | In programming mode it browses the parameter codes or decreases the displayed value |
|  | To lock or unlock the keyboard |
| SET +  | To enter in programming mode |
| SET +  | To return to room temperature display |

LED Light Meaning

| LED | Mode | Description |
|---|----------|---|
|  | ON | Compressor enabled |
|  | Flashing | Anti short circuit cycle delay enabled (AC parameter) |
|  | ON | Fans are enabled |
|  | Flashing | Fans delay after defrost |
|  | ON | Defrost in progress |
|  | Flashing | Dripping in progress |
|  | ON | Measurement unit |
|  | Flashing | Programming mode |
|  | ON | Measurement unit |
|  | Flashing | Programming mode |

How To See & Change Set Temperature

1. To see the SET temperature, push the SET key, the set point will be displayed.
2. To Change the SET temperature, push and hold the SET key for more than 2 seconds. The value of the set point will be displayed and the °C or °F LED starts blinking
3. Push the UP or DOWN arrow to select the desired temperature
4. Push the SET key again or wait 10s to finish the setting

How To Start Manual Defrost

Push the  key for more than 2 seconds and manual defrost will start

How To Lock/Unlock the Control

1. Lock: Push the UP and DOWN arrow key together for more than 3 seconds until the "OF" message is displayed.
2. Unlock: Push the UP and DOWN arrow key together for more than 3 seconds until the "ON" message is displayed.

PART 4: MAINTENANCE

Cleaning and Maintenance

To make sure that the appliance is in optimum condition, the interior and accessories must be cleaned regularly.

IMPORTANT!

Appliance must not be connected to the main electrical socket during cleaning! Risk of electric shock!

- Before performing cleaning activity, switch off the appliance and unplug the power cord.
- Do not use abrasive cleaners.
- Clean the interior and accessories using cloth and lukewarm water. After that, clean with clean water and dry completely.
- Dust can accumulate on the condenser and cause performance drop. Clean the appliance condenser at least once a year using soft brush or vacuum cleaner.
- After everything is dried completely, install the accessories and appliance to the initial position.
- Clean the condenser & evaporator periodically from debris and dust to ensure maximum performance

PART 5: TROUBLESHOOTING

Check the following before contacting our Service Center in the event of malfunction

WARNING!

Before troubleshooting, unplug the unit from power source. Only a qualified technician is allowed to perform troubleshooting not stated in this manual.

IMPORTANT!

There are some normal sounds during use (compressor sound, circulating refrigerant sounds)

| Problem | Possible Cause | Recommended Action |
|-------------------------|--|---|
| Appliance does not work | <ul style="list-style-type: none"> • Power cord is unplugged or loose • Blown fuse or damaged fuse • Defective socket | <ul style="list-style-type: none"> • Insert power cord correctly • Check the fuse, replace if needed • Malfunction must be repaired by qualified electrician |
| Appliance is not cold | <ul style="list-style-type: none"> • Thermostat not properly adjusted • Too much food • Door is opened frequently • Appliance is placed in hot area • Bad ventilation • Frost accumulated inside the appliance | <ul style="list-style-type: none"> • Adjust the thermostat until it's cold • Rearrange or reduce the food • Do not open the door too frequent • Place appliance in a cool and dry place • Ensure adequate ventilation • Defrost and clean the appliance |
| Appliance is too cold | <ul style="list-style-type: none"> • Thermostat adjusted to maximum position | <ul style="list-style-type: none"> • Adjust the thermostat with lower setting |

| Problem | Possible Cause | Recommended Action |
|--------------------------|--|---|
| Dew outside of appliance | <ul style="list-style-type: none"> • Ambient temperature and humidity too high | <ul style="list-style-type: none"> • Place appliance in a cool and dry place |
| Loud noise | <ul style="list-style-type: none"> • Appliance is touching the wall or other object • Appliance pipe is touching other parts | <ul style="list-style-type: none"> • Reposition the appliance and follow the minimum distance • If needed, bend the pipe to avoid touching with other objects |

PART 6: SPECIFICATION

| MODEL | UC 1230 DASS | UC 1460 DASS |
|-------------------------------|-----------------|-----------------|
| Type | Upright Chiller | Upright Chiller |
| Color | Stainless | Stainless |
| No. of doors | 2 | 4 |
| No. of racks | 3 | 6 |
| Temperature range (°C) | -2 to +8 | -2 to +8 |
| Capacity (Liter) | 420 | 910 |
| Power Input (Watt) | 360 | 490 |
| Defrost Power Input (Watt) | 360 | 570 |
| Control panel | Digital | Digital |
| Refrigerant (Weight) | R290 (97g) | R290 (136g) |
| Rated Current (A) | 2.2 | 2.5 |
| Rated Voltage (V) | 220-240 | 220-240 |
| Rated Frequency (Hz) | 50 | 50 |
| Product dimension (WxDxH)(mm) | 630×815×1950 | 1220×815×1950 |

Design and specification can change without prior notice to improve the quality of the product. The illustration in this manual is schematic and can be different with your actual product. The values on label or in other documents are according to laboratory test and relevant standards. Values can vary depending on the actual operational and environmental condition of the product.

| MODEL | UF 1230 DASS | UF 1460 DASS |
|-------------------------------|---------------------|---------------------|
| Type | Upright Freezer | Upright Freezer |
| Color | Stainless | Stainless |
| No. of doors | 2 | 4 |
| No. of racks | 3 | 6 |
| Temperature range (°C) | -22 to -18 | -22 to -18 |
| Capacity (Liter) | 420 | 910 |
| Power Input (Watt) | 400 | 800 |
| Defrost Power Input (Watt) | 360 | 570 |
| Control panel | Digital | Digital |
| Refrigerant (Weight) | R290 (102g) | R290 (125g) |
| Rated Current (A) | 2.3 | 4.7 |
| Rated Voltage (V) | 220-240 | 220-240 |
| Rated Frequency (Hz) | 50 | 50 |
| Product dimension (WxDxH)(mm) | 630×815×1950 | 1220×815×1950 |

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| MODEL | CC 2121 DASS | CC 2151 DASS | CC 3181 DASS |
|-------------------------------|---------------------|---------------------|---------------------|
| Type | Counter Chiller | Counter Chiller | Counter Chiller |
| Color | Stainless | Stainless | Stainless |
| No. of doors | 2 | 2 | 3 |
| No. of racks | 2 | 2 | 3 |
| Temperature range (°C) | -2 to +8 | -2 to +8 | -2 to +8 |
| Capacity (Liter) | 310 | 360 | 420 |
| Power Input (Watt) | 450 | 470 | 490 |
| Defrost Power Input (Watt) | 235 | 235 | 235 |
| Control panel | Digital | Digital | Digital |
| Refrigerant (Weight) | R290 (80g) | R290 (80g) | R290 (80g) |
| Rated Current (A) | 2.5 | 2.6 | 2.8 |
| Rated Voltage (V) | 220-240 | 220-240 | 220-240 |
| Rated Frequency (Hz) | 50 | 50 | 50 |
| Product dimension (WxDxH)(mm) | 1200×750×850 | 1500×750×850 | 1800×750×850 |

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| MODEL | CF 2151 DASS | CF 3181 DASS |
|-------------------------------|---------------------|---------------------|
| Type | Counter Freezer | Counter Freezer |
| Color | Stainless | Stainless |
| No. of doors | 2 | 3 |
| No. of racks | 2 | 3 |
| Temperature range (°C) | -22 to -18 | -22 to -18 |
| Capacity (Liter) | 360 | 420 |
| Power Input (Watt) | 600 | 650 |
| Defrost Power Input (Watt) | 235 | 235 |
| Control panel | Digital | Digital |
| Refrigerant (Weight) | R290 (100g) | R290 (100g) |
| Rated Current (A) | 3.8 | 4.0 |
| Rated Voltage (V) | 220-240 | 220-240 |
| Rated Frequency (Hz) | 50 | 50 |
| Product dimension (WxDxH)(mm) | 1500×750×850 | 1800×750×850 |

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