



Ver241111TF



Manual DM30





1.SAFETY INSTRUCTIONS

WARNING!

- Do not operate the appliance if it is visibly damaged.
- Do not block the gaps of the fridge with things like pin, wire, etc.
- Do not expose the appliance to rain or soak it in water.
- Do not place the appliance near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.)
- Do not store any explosive substances like spray cans with a flammable propellant.
- Ensure the supply cord is dry and not trapped or damaged. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Check the voltage specification on the type plate corresponds to that of the energy supply. The appliance is only to be used with the power supply unit provided with the appliance.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Once unpacked and before turning on, the appliance must be placed on a level surface for more than 6 hours.
- Make sure that the appliance stays horizontally when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short time running.
- Keep the ventilation openings in the unit casing or in the built-in structure free of obstacles.
- Keep the appliance stable on the ground or in the car; Do not drain upside down.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Risk of child entrapment. Before you throw away your old refrigerator or freezer:
 - * Take off the doors.
 - * Leave the shelves in place so that children may not easily climb inside.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
-   : Risk of fire/ flammable materials.

CAUTION!

- Repairs may only be carried out by qualified personnel. Incorrect repair may cause danger. The lamp and supply cord must be replaced by the manufacturer or qualified persons.
- The installation of DC power in the boat must be handled by qualified electricians.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



- The appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they've been given supervision or instruction concerning use of the device in a safe way and understand the hazards.

NOTICE!

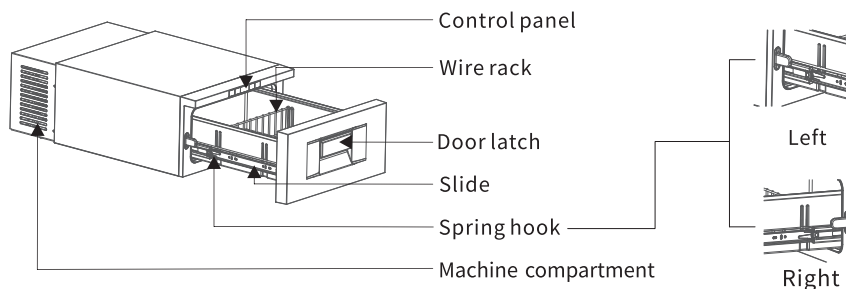
- Disconnect the power supply before each cleaning and maintenance and after every use.
- Do not use sharp tools to defrost; Do not damage the refrigerant circuit.
- Risk of child entrapment. Before you throw away your old refrigerator or freezer: take off the doors: leave the shelves in place so that children may not easily climb inside.
- Check if the cooling capacity of the appliance is suitable for storing the food or medicine. Food may only be stored in its original packaging or in suitable containers.
- If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- The appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, offices and other working environments;
 - Camping, Farm houses and by clients in hotels, motels and other residential environments;
 - Bed and breakfast type environments;
 - Catering and similar non-retail applications.
- To avoid contamination of drink, please respect the following instructions:
 - Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
 - Clean regularly surfaces that can come in contact with drink and accessible drainage systems.
 - Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food;
 - Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
 - If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
-  Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas.



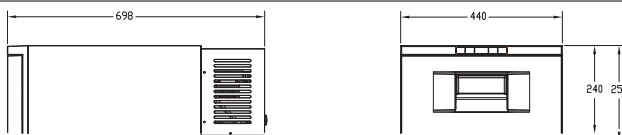
2.PRODUCT FEATURES

- High-efficiency DC compressor and conversion module.
- CFC free and great heat insulation.
- DC12V/24V or AC 100~240V (with an adapter) power supply.
- Lowest cooling to 0°C/32°F (based on 25°C/77°F room temperature).
- Intelligent battery protection system.
- LED digital display for temperature setting.
- Removable wire racks to adjust inner space.
- Flexible drawer design.

3.PRODUCT STRUCTURE



4.INSTALLATION



1)Ensure that the device is not damaged when opening the packaging after receiving the product. Any transportation damage must be reported promptly to the reseller. Handle the product with the utmost care and attention.

2)The fridge dimension is 698*440*250mm (27 1/2*17 5/16*9 7/8 inch), when choosing the installation location, ensure that the air heated by the liquefier can be drawn off.

3)To avoid voltage loss and therefore a drop in performance, keep the cable route as short as possible and do not interrupt it with additional switches, plug or power strips.

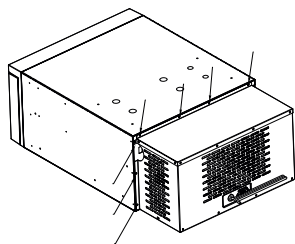
4)When cleaning, pull down the left spring hook and pull up the right spring hook at the same time, then remove the drawer slightly. When install the drawer back, align the slide rails on both sides and push it into the fridge.

⚠ Be careful of the sharp edges to avoid injury!

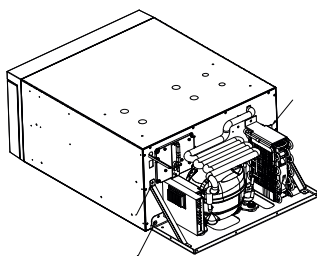


5. CHANGE THE REFRIGERATING UNIT POSITION

Disassemble the refrigerating unit:



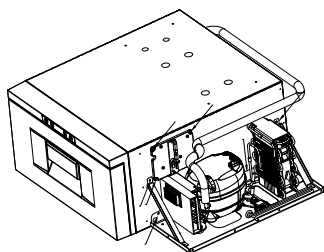
- ① Unscrew the rear cover of the refrigerating unit



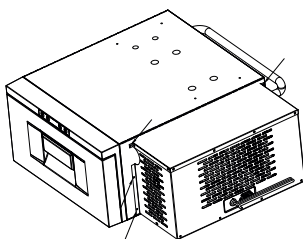
- ② Unscrew the refrigerating unit

Install the refrigerating unit to one of the three possible position on the drawer refrigerator:

(1) Right-side/ Left-side

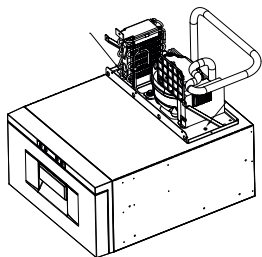


- ① Install the refrigerating unit with the screws

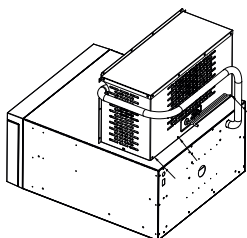


- ② Install the rear cover of the refrigerating unit with the screws

(2) Upper side:



- ① Fix the refrigerating unit with the screws on the upper side

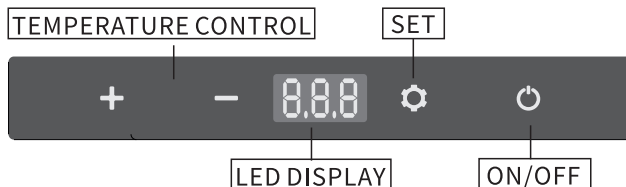


- ② Install the rear cover of the refrigerating unit with the screws on the upper side

***Note: Arrow icon indicates the screw hole position.**



6.FUNCTION AND OPERATION



- **Power Supply:**connect to DC12V/24V power or AC100~240V power(using dedicated adapter).
- **Display Screen Initialization:**when the fridge is powered on, the buzzer will make a long beep, and the display will light up for 2 seconds then enter the standby mode.
- **Power ON/OFF:**press to switch ON/OFF.
- **Temperature Setting:**press **+** or **-** for temperature setting. Range:-20°C~20°C/(-4~68°F).
- **Cooling Mode:**Press to choose HH (Fast cooling) or EE(Energy-saving).*Factory setting is HH.
- **Battery Protection Mode:**Long press for three seconds until screen flashes, then select three battery protection modes H(High), (Medium) and L(Low) by clicking again.
(*Factory setting is H.)



From left to right: L/M/H.

Voltage reference:

INPUT MODE	DC 12V		DC 24V	
	CUT OUT	CUT IN	CUT OUT	CUT IN
L	8.5V	10.9V	21.3V	22.7V
M	10.1V	11.4V	22.3V	23.7V
H	11.1V	12.4V	24.3V	25.7V

* the voltage is theoretical value, there may be a deviation in different sceneries.

* H should be set when the product is connected to car power, and M or L should be set when it is connected to a portable battery or other back-up battery.

- **Temperature Unit Setting:** switch OFF the fridge, long press for 3 seconds until displays E1, and switch to E5 by pressing again, then press **+** or **-** to switch Celsius or Fahrenheit.
(*Factory setting is °C.)

- **Reset:** switch OFF the fridge, long press for 3 seconds until displays E1, under E1 mode, long press **+** **-** at the same time for seconds to reset the settings.



• Recommended temperature for common food:

						
Drinks	Fruits	Vegetable	Delicatessen	Wine	Ice cream	Meat
5°C/41°F	5~8°C/41~46°F	3~10°C/37~50°F	4°C/39°F	10°C/50°F	-10°C/14°F	-18°C/0°F

7.CARE AND MAINTENANCE

■Cleaning:

- Switch off and unplug the device first to avoid electric shock.
- Use wet cloth to clean the device and dry it.
- Do not soak the fridge in water and do not wash it directly.
- Do not use abrasive cleaning agents during cleaning as these can damage the device.

■Storage:

If the device will not be in use for a long time, please follow the instruction:

- Switch off and unplug the device.
- Take out all the items stored in the device.
- Wipe off excess water with a soft rag.
- Put the fridge in a cool and dry place.
- Leave the lid slightly open to prevent odors from forming.
- Recommended storage environment:
ambient temperature: 25°C, ambient humidity: $\leq 75\%$.

■Defrosting:

Humidity can form frost in the interior of the cooling device or on the evaporator.

This reduces the cooling capacity. Defrost the device in good time to avoid this.

- Switch off and unplug the device first to avoid electric shock.
- Take out all the items stored in the device.
- Keep the lid open.
- Wipe off the defrosted water.



Never use hard or pointed tools to remove ice or to loosen objects which have frozen in place.



8.TROUBLESHOOTING

Issues	Cause/Suggestions
Refrigerator does not work	• Check if the switch is on. • Check if the plug and socket are connected well. • Check if the fuse has been burnt. • Check if the power supply is malfunctioned. • Switch on/off the fridge frequently may cause start delay of the compressor.
Refrigerator compartments are too warm	• The door is opened frequently. • A large amount of warm or hot food was stored recently. • The refrigerator has been disconnected for a long time.
Food is frozen	• The temperature was set too low.
There is "water flow" noise from inside the refrigerator	• It's a normal phenomenon, caused by the flow of refrigerant.
There are waterdrops around the refrigerator casing or door gap	• It's a normal phenomenon, the moisture will condense to water when it touches a cold surface of the refrigerator.
The compressor is slightly noisy when starting	• It's a normal phenomenon, the noise will be reduced after the compressor works stably.
Code F1 displayed	• Possible cause: low voltage to fridge. Adjust the battery protection from High to Medium or from Medium to Low.
Code F2 displayed	• Possible cause: condenser fan is overloaded. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F3 displayed	• Possible cause: the compressor starts too frequently. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F4 displayed	• Possible cause: compressor not kicking in. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F5 displayed	• Possible cause: overheating of the compressor & electronics. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F6 displayed	• Possible cause: no parameter can be detected by the controller. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F7 or F8 displayed	• Possible cause: temperature sensor is faulty. Contact manufacturer for service.



9.WARRANTY

If the device gets malfunctional, the compressor limited warranty will be provided for 3 year from the date of purchase, except following situations:

- Contrived damage.
- Damage caused by force majeure such as earthquake, conflagration, etc.
- Damage from inappropriate use or violating this instruction.
- Damage or malfunction caused by disassembling.

10.TECHNICAL INFORMATION

MODEL	DM30
RATED VOLTAGE	DC12/24V or AC100~240V(using dedicated adapter)
RATED POWER	60W
CAPACITY	20.7L/0.73cu.ft.
NOISE	≤45dB
TEMPERATURE SETTING RANGE	-20~20℃ (-4~68°F)
CLIMATE CATEGORY	T/ST/N
DIMENSIONS(L*W*H)	440*700*250mm 17 5/16*27 1/2*9 7/8 inch
NET WEIGHT	17.4kg/38.4 lb

*Due to product improvement, the technical information might be different from actual information, please refer to the rating label on the product.



Specifikationer

Högeffektiv DC-kompressor från LG som kan flyttas till annan position för att vinna utrymme. Max effekt 6W. Max ljudnivå: <45db. Volym: 20,7L

Miljövänligt kylmedium. DC 12V/24V

Inställbart lågspänningsskydd i tre olika lägen. Inställbart temperaturområde - 20°-+20° LED display för temperaturinställning. Vikt 17,4KG

Flyttbara avdelare i kyllådan för optimal användning

Instruktion

Se till att montera kyllådan med ventilation kring kompressorn för att minimera strömåtgången, Ju varmare omgivningsluft desto högre strömförbrukning!
Vid urmontering av lådinsatsen, måste den vänstra fjädern tryckas ned samt att den högra måste dras upp för att släppa på barnspärren.
Vid återmontering trycks lådinsatsen tillbaks försiktigt i bägge sidospåren utan att använda våld.

Flytta kompressorn

För att kunna flytta på kompressorn så måste först det bakre skyddet skruvas bort. Skruva ur kompressorns fastsättningsskruvar för att sedan användas igen vid återmontering. Se bilder i den Engelska manualen!

Display funktioner

För att sätta igång kyllådan så tryck på on/off knappen, summern kommer att ljuda en lång beeeeeeep. Displayen kommer att lysas upp i ca två sekunder.
För att **ändra temperatur** så trycker man ned + eller - knappen för att hitta rätt temperatur.

För att aktivera **högeffektivt kylläge**, tryck på kugghjulsknappen för att välja HH. Vid EE läget så prioriterar kyllådan energiförbrukningen före kyleffektiviteten. DVS EE drar mindre ström än HH-läget. Fabriksinställningen är HH.

Lågspänningsnivån ställs in med hjälp av kugghjulsknappen men genom att hålla inne knappen i minst tre sekunder. Då blinkar displayen Low, Medium eller High   . Fabriksinställningen är H.

Se tabell i den Engelska manualen för rätt lågspänningsskydd

Vid användning av transformator skall inställningen alltid vara High.

För att ändra **temperaturbenämning** så måste kyllådan vara avstängd.
Tryck sedan på kugghjulsknappen i tre sekunder, displayen visar E1.
Tryck nu på + eller - för att ändra mellan Celsius och Fahrenheit.

För att göra en **factory reset** så måste kyllådan vara avstängd. Sedan tryck på kugghjulsknappen i minst tre sekunder, displayen visar E1. Nu trycker man på + och - knappen samtidigt i minst tre sekunder.



Spesifikasjoner

Svært effektiv DC kompressor fra LG som kan flyttes til en annen posisjon for å utnytte plassen. Maks effekt 6W. Maks lydnivå: <45db. Volum: 20,7L

Miljøvennlig kjølevæske. DC 12V/24V

Justerbar lavspenningsbeskyttelse i tre forskjellige posisjoner.

Justerbart temperaturområde -20°-+20° LED-display for temperaturinnstilling.

Vekt 17,4 kg. Flyttbare skillevegger i kjøleskapet for optimal bruk.

Instruksjon

Pass på å montere kjøleskuffen med ventilasjon rundt kompressoren for å minimere strømforbruket, Jo varmere omgivelsesluften er, jo høyere strømforbruket!

Når du tar ut skuffeinnsatsen skal venstre fjær trykkes ned og den høyre må trekkes opp for å frigjøre barnesikringen.

Ved gjenmontering skyves skuffeinnsatsen forsiktig tilbake i begge sidespor uten å bruke makt.

Flytte kompressoren

For å kunne flytte kompressoren må bakdekselet først tas av. Skru ut festeskruene til kompressoren som skal brukes igjen under remontering. Se bilder i den engelske manualen!

Displayfunksjoner

For å starte kjøleskapet, trykk på av/på-knappen, kjølen vil lage et langt beeeeeep. Displayet vil lyse i ca. to sekunder.

For å **endre temperaturen**, trykk på + eller - knappen for å finne den rette temperatur.

For å aktivere **høyeffektiv kjølemodus**, trykk på tannhjulsknappen for å velge HH. I EE-modus prioriterer kjøleskapet energiforbruket før kjøleeffektiviteten. DVS EE trekker mindre strøm enn HH-modusen. Fabrikkinnstillingen er HH.

Lavspenningsnivået stilles inn ved hjelp av tannhjulsknappen, men ved å hold knappen inne i minst tre sekunder. Deretter blinker displayet Low, Medium eller High   . Fabrikkinnstillingen er H.

Se tabellen i den engelske håndboken for riktig lavspenningsbeskyttelse Ved bruk av transformator skal innstillingen alltid være Høy.

For å endre **temperaturbetegnelsen** må kjøleskapet være slått av.

Trykk deretter på tannhjulsknappen i tre sekunder, displayet vil vise E1.

Trykk nå + eller - for å bytte mellom Celsius og Fahrenheit.

For å gjøre en tilbake stilling til **fabrikkinnstillinger**, må kjøleskapet være slått av. Trykk deretter på tannhjulsknappen i minst tre sekunder, viser displayet E1. Nå trykker du på + og --knappen samtidig i minst tre sekunder.



Specifikationer

Højeffektiv DC-kompressor fra LG, der kan flyttes til en anden position for at få plads. Maks. effekt 6W. Maks. støjniveau: <45db. Volumen: 20,7L
Miljøvenligt kølemiddel. DC 12V/24V
Justerbar lavspændingsbeskyttelse i tre forskellige positioner. Justerbart temperaturområde -20°-+20° LED-display til temperaturindstilling. Vægt 17,4 kg. Aftagelige skille vægge i køleboksen for optimal brug

Instruktion

Sørg for at montere ventilationskøleboksen rundt om kompressoren for at minimere. Jo varmere den omgivende luft er, jo højere er strømforbruget!
Når du fjerner kasseindsatsen, skal den venstre fjeder trykkes ned og den højre skal trækkes op for at frigøre børnesikringen.
Ved genmontering skubbes skuffeindsatsen forsigtigt tilbage i begge sideriller uden at bruge magt.

Flyt kompressoren

For at flytte kompressoren skal bagdækslet først skrues bort. Skru kompressorens fastgørelsesskruer af, og brug derefter igen ved genmontering. Se billeder i den engelske manual!

Skærmfunktioner

For at starte køleren skal du trykke på tænd/sluk-knappen, summeren vil Lyd et langt biep. Displayet lyser i cirka to sekunder.

For at **ændre temperaturen** skal du trykke på knappen + eller - for at finde den rigtige temperatur.

For at aktivere **højeffektiv køletilstand** skal du trykke på betjeningspanelet for at vælge HH. I EE-tilstand prioriterer køleren energiforbruget frem for køleeffektivitet. Dvs. EE bruger mindre strøm end HH-tilstand. Fabriksindstilling er HH.

Den **lave voltage niveau** indstilles ved hjælp af betjeningspanelet, men ved Tryk og hold knappen nede i mindst tre sekunder. Derefter blinker displayet Lav, Medium eller Høj   . Fabriksindstillingen er H.

Se tabellen i den engelske manual for korrekt lavspændingsbeskyttelse
Når du bruger en transformer, skal indstillingen altid være Høj.

For at ændre **temperaturbetegnelsen** skal køleboksen være slukket.
Tryk derefter på betjeningspanelet i tre sekunder, displayet viser E1.
Tryk nu på + eller – for at skifte mellem Celsius og Fahrenheit.

For at foretage en **fabriksnulstilling** skal køleboksen være slukket. Tryk derefter på betjeningspanelet i mindst tre sekunder, displayet viser E1. Nu presser de på knappen + og – på samme tid i mindst tre sekunder.



Pääominaisuudet

Tehokas DC-kompressori (LG): Kompressori on energiatehokas ja mahdollistaa nopean jäähdytyksen tai pakastamisen.

Siirrettävä rakenne: Kompressoria voidaan siirtää toiseen paikkaan tilan optimoimiseksi.

Maksimiteho: 6W, mikä tarkoittaa pientä energiankulutusta.

Äänenvoimakkuus: <45 dB,

Tilavuus: 20,7 litraa, mikä tarjoaa kompaktin mutta riittävän säilytystilan elintarvikkeille tai muille kylmää tarvitseville tuotteille.

Ympäristöystävällinen kylmäaine

Jännitevaihtoehdot: DC 12V/24V

Säädettävä matalajännitesuoja: Suojaa laitetta tarjoamalla kolme eri asetusta matalajännitteen käsittelemiseksi.

Lämpötila-alue: Säädettävissä välillä -20°C ja +20°C, mikä tekee laitteesta monikäyttöisen niin jäähdytykseen kuin pakastamiseen.

LED-näyttö: Helppokäyttöinen lämpötilan säätö ja näyttö.

Paino: 17,4 kg

Siirrettävät jakajat: Optimoii jäähdytyslokeroon sisätilan käyttöä tarpeen mukaan.

Käyttöohje

Varmista, että kylmälokero on asennettu siten, että kompressorin ympärillä on riittävästi ilmanvaihtoa, jotta virrankulutus minimoidaan.

Mitä lämpimämpi ympäristön ilma, sitä suurempi virrankulutus!

Kun poistat laatikon sisäkappaleen, vasemmanpuoleinen jousi täytyy painaa alas ja oikea puoli täytyy vetää ylös vapauttaaksesi lapsilukon.

Kun asennat sisäkappaleen takaisin paikoilleen, työnnä se varovasti takaisin molempiin sivu-uriiin ilman väkivaltaa. Kompressorin siirtäminen Jotta kompressori voidaan siirtää, on ensin poistettava takasuojus.

Irrota kompressorin kiinnityspultit, jotta voit käyttää niitä uudelleen takaisin asennettaessa. Katso kuvat englanninkielisestä käyttöohjeesta!

Näyttötoiminnot

Käynnistys

Kytke kylmälokero päälle painamalla On/Off-näppäintä. Sireeni antaa pitkän beep-äänensignaalin, ja näyttö valaistuu noin kahdeksi sekunniksi.

Lämpötilan säätäminen

Muuta lämpötilaa painamalla + tai - -näppäintä ja valitsemalla haluamasi lämpötila.

Tehokkaan jäähdytystilan aktivoiminen

Painamalla hammasratas-näppäintä, voit valita HH-tilan.

EE-tilassa kylmälokero priorisoi energian kulutuksen

jäähdytysmahdollisuuksien sijaan, eli EE-tila kuluttaa vähemmän virtaa kuin HH-tila. Tehdasasetuksena on HH.



Matalajännitesuoja

Matalajännitesuoja asetetaan painamalla hammasratas-näppäintä ja pitämällä sitä painettuna vähintään kolme sekuntia. Näyttö vilkkuu ja näyttää Low, Medium tai High . Tehdasasetuksena on High. Katso englanninkielisestä ohjeesta taulukko oikean matalajännitesuojan löytämiseksi.

Huom!

Kun käytät muuntajaa, asetus tulee aina olla High.

Lämpötilayksikön muuttaminen (Celsius/Fahrenheit)

Kylmälokero täytyy olla sammutettuna.

Pidä hammasratas-näppäintä painettuna vähintään kolme sekuntia, ja näyttö näyttää E1. Paina sitten + tai - valitaksesi Celsiusin ja Fahrenheitin välillä.

Tehdasasetusten palautus (Factory Reset)

Kylmälokero täytyy olla sammutettuna.

Pidä **hammasratas-näppäintä** painettuna vähintään kolme sekuntia, ja näyttö näyttää E1. Paina + ja - -näppäimiä samanaikaisesti vähintään kolme sekuntia tehdasasetusten palauttamiseksi.

Tässä on kaikki tarvittavat toiminnot ja ohjeet kylmälokeroa varten!