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DOMETIC TCX 35

Dometic Tropicool TCX 35 Portable Thermoelectric Cooler User Manual

Model: TCX 35 | Brand: DOMETIC

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Dometic Tropicool TCX 35 portable thermoelectric cooler. The TCX 35 is designed for convenient and efficient cooling or heating, making it suitable for various applications such as camping, road trips, or home use. It operates on both 12/24 V DC and 230 V AC power sources.



Image 1.1: Dometic Tropicool TCX 35 Portable Thermoelectric Cooler (Closed)

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the device. Failure to observe these instructions may result in injury or damage to the product.

- Ensure the power supply voltage matches the rating on the device label.
- Do not operate the device if it is visibly damaged.
- Keep ventilation openings clear of obstructions to ensure proper airflow.
- Do not immerse the device in water or expose it to heavy rain.
- Avoid touching live wires or components.
- This 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 have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

3. SETUP

3.1 Unpacking

Carefully remove the cooler from its packaging. Retain the packaging for future transport or storage. Check for any signs of damage during transit. If damage is found, contact your supplier immediately.

3.2 Power Connection

The Dometic Tropicool TCX 35 can be powered by two different sources:

- **12/24 V DC:** Connect the provided cigarette lighter cable to the DC input socket on the cooler and then to your vehicle's 12V or 24V cigarette lighter socket. The active battery protection feature prevents deep discharge of the vehicle battery.
- **230 V AC:** Connect the provided 220-240V AC cable to the AC input socket on the cooler and then to a standard mains power outlet. The cooler features a priority circuit for mains operation, meaning it will automatically switch to AC power if both DC and AC are connected.

3.3 Initial Use

Before first use, it is recommended to clean the interior of the cooler with a damp cloth. For optimal performance, pre-cool or pre-heat the unit for a few hours before loading items.



Image 3.1: Dometic Tropicool TCX 35 with lid open, showing internal capacity

4. OPERATING INSTRUCTIONS

The control panel allows you to manage the cooler's functions.



Image 4.1: Control Panel Overview

4.1 Power On/Off

Press the **Power button** () to turn the unit on or off. The corresponding indicator light will illuminate when the unit is active.

4.2 Cooling and Heating Mode

Press the **HOT/COLD button** to switch between cooling and heating modes. The indicator light will show either **COLD** or **HOT**.

- **Cooling:** The unit can cool down to 27 °C below ambient temperature.
- **Heating:** The unit can heat up to +65 °C.

4.3 Temperature Adjustment

Use the **WARMER/COLDER buttons** () to adjust the desired temperature level. The indicator lights will show the current setting, from 'Normal' to 'Colder' or 'Warmer'.



Image 4.2: Interior of the Dometic Tropicool TCX 35

5. MAINTENANCE

5.1 Cleaning

- Always disconnect the power supply before cleaning.
- Clean the interior and exterior surfaces with a damp cloth and a mild detergent.
- Do not use abrasive cleaners or harsh chemicals.
- Ensure the ventilation grilles are free from dust and debris. Use a soft brush or vacuum cleaner if necessary.

5.2 Storage

When not in use for extended periods, ensure the cooler is clean and dry. Store it in a dry, well-ventilated area, away from direct sunlight and extreme temperatures. Leave the lid slightly ajar to prevent odors and mildew.

6. TROUBLESHOOTING

If you experience issues with your Dometic Tropicool TCX 35, refer to the following table:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; faulty cable; blown fuse (vehicle)	Check power connection; test cable; check vehicle fuse; try a different power source.
Insufficient cooling/heating	Ventilation obstructed; ambient temperature too high/low; lid not closed properly; too many items inside	Clear vents; ensure lid is sealed; reduce contents; allow more time for temperature change.
Unusual noise	Fan obstruction; unit not level	Check for foreign objects near fan; place unit on a flat, stable surface.

If the problem persists after attempting these solutions, please contact Dometic customer support.

7. SPECIFICATIONS

Model	TCX 35
Item Model Number	9600013321
Capacity	33 Liters
Dimensions (L x W x H)	55 x 37.4 x 46 cm
Weight	10.5 Kilograms
Voltage	12/24 V DC, 230 V AC
Cooling Performance	Down to 27 °C below ambient temperature
Heating Performance	Up to +65 °C
Energy Efficiency Class	E
Annual Energy Consumption	74 kWh/annum
Noise Level	39 dB
Climate Class	T
Included Components	1 Cooling device, 1 Connection cable for cigarette lighter, 1 Connection cable for 220-240V, 1 User manual

Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2016 DER KOMMISSION zur Energieverbrauchskennzeichnung von Kühlgeräten			
Name oder Handelsmarke des Lieferanten: Dometic			
Anschrift des Lieferanten: Helpdesk, Hollefeldstrasse 63, 48282 Emsdetten, DE			
Modellkennung: TCX 35			
Art des Kühlgeräts:			
Geräuscharmes Gerät:	Nein	Bauart:	freistehend
Weinlagerschrank:	Nein	Anderes Kühlgerät:	Ja
Allgemeine Produktparameter:			
Parameter	Wert	Parameter	Wert
Gesamtabmessungen (in Millimeter)	Höhe	Gesamtrauminhalt (in dm³ oder l)	33
	Breite		
	Tiefe		
EEL	97	Energieeffizienzklasse	E
Luftschallemissionen (in dB(A) re 1 pW)	39	Luftschallemissionsklasse	C
Jährlicher Energieverbrauch (in kWh/a)	74	Klimaklasse:	gemäßigte Zone
Mindestumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist	16	Höchstumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist	32
Winterschaltung	Nein		
Fachparameter:			
Fachtyp	Fachparameter und #werte		
	Rauminhalt des Fachs (in dm³ oder l)	Empfohlene Temperatureinstellung für eine optimierte Lebensmittellagerung (in °C) Diese Einstellungen dürfen nicht im Widerspruch zu den Lagerbedingungen nach Anhang IV	Gefrierermögen (in kg/24h)

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Tabelle 3 stehen					
Speisekammerfach	Ja	33,0	17	-	M
Weinlagerfach	Nein	-	-	-	-
Kellerfach	Nein	-	-	-	-
Lagerfach für frische Lebensmittel	Nein	-	-	-	-
Kaltlagerfach	Nein	-	-	-	-
Null-Sterne- oder Eisbereiterfach	Nein	-	-	-	-
Ein-Stern-Fach	Nein	-	-	-	-
Zwei-Sterne-Fach	Nein	-	-	-	-
Drei-Sterne-Fach	Nein	-	-	-	-
Vier-Sterne-Fach	Nein	-	-	-	-
Zwei-Sterne-Abteil	Nein	-	-	-	-
Fach mit variabler Temperatur	-	-	-	-	-

Lichtquellenparameter:

Art der Lichtquelle	-
Energieeffizienzklasse	-

Mindestlaufzeit der vom Hersteller angebotenen Garantie: 0 Monate

Weitere Angaben:

Weblink zur Website des Lieferanten, auf der die Informationen gemäß Anhang II Nummer 4 der Verordnung (EU) 2019/2019 der Kommission zu finden sind: www.dometic.com

Das Modell wurde auf dem Unionsmarkt in Verkehr gebracht, und zwar ab dem 01/01/2024



EPREL-Eintragungsnummer 1629910

Lieferant: Dometic Germany GmbH (Importeur)

Kundenbetreuung:

Name: Helpdesk

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<https://eprel.ec.europa.eu/qr/1629910>

Website:

Website:

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Image 7.1: Dometic Tropicool TCX 35 Dimensions Diagram

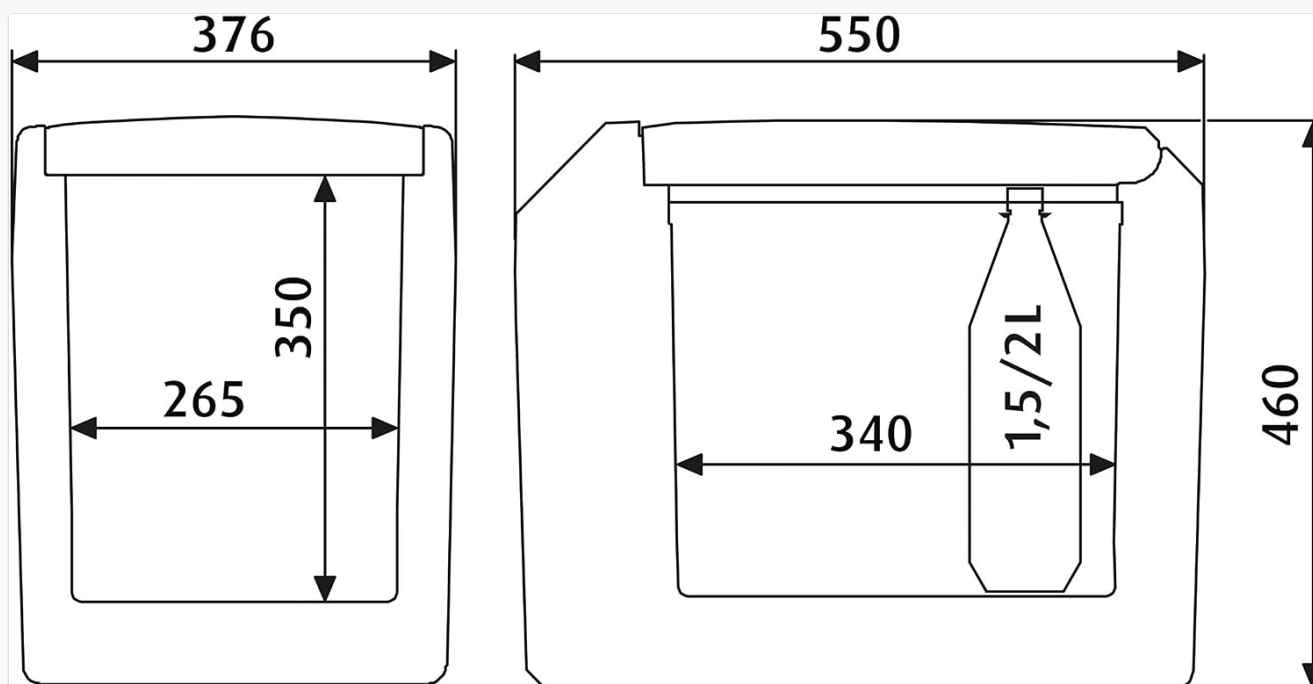


Image 7.2: Dometic Tropicool TCX 35 EU Energy Label

For detailed product information, refer to the EPREL database: <https://eprel.ec.europa.eu/qr/1629910>

8. WARRANTY AND SUPPORT

The Dometic Tropicool TCX 35 comes with the manufacturer's standard warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Dometic website. For technical support, spare parts, or service inquiries, please contact Dometic customer service or visit their official

website:

- Official Website: www.dometic.com

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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