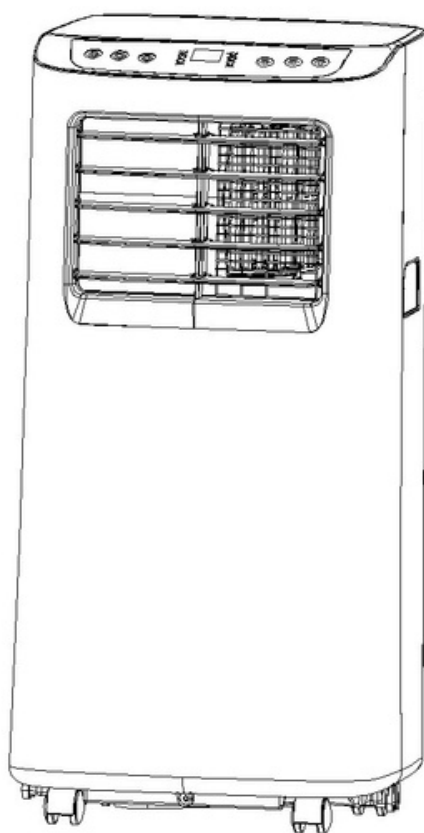




MOBILE AIR CONDITIONING UNIT

MTF AC 7000



Maintenance and User's Manual



Caution!

Do not operate the device until you have read the operation and maintenance manual! Keep this manual for future reference.



02/2023 – No. 794B

Thank you for buying this new mobile air conditioning unit. This user manual will help you operate this device in a correct and safe way. We recommend that you take the necessary time to read this manual and understand all the equipment operating functions. Use this equipment only for private use and for the specified purposes. This equipment is not intended for commercial use. Before use, read all the safety precautions carefully and keep the manual for the future use.

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Environment-friendly coolant R290 is used in mobile air-conditioning units. The R290 coolant is odourless and does not contain ozone compared with the other alternatives and has very little impact on the environment.

Read this manual carefully before any use, maintenance or repair.

The illustrations in this user manual may not correspond in all details to the actual product design. Please pay attention to the current product design.

SAFETY INSTRUCTIONS

This appliance may be used by children aged 8 years or above and by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge if they are supervised or instructed in the safe use of the appliance and understand the possible hazards. Children should not play with the equipment. Children should not perform cleaning or user-level maintenance without supervision.

1. Do not use any other means than those specified in this user manual to accelerate defrosting and cleaning.
2. This device must not be stored in areas with permanent sources of ignition (e.g. open fire, gas or electric heating equipment in operation).
3. Do not pierce or expose the equipment to an open fire.
4. Note that the coolant may be odourless.
5. This equipment should be installed, operated and stored in a space with a floor area larger than 7 m².
6. Keep all vents unobstructed.
7. The service must only be performed according to the manufacturer's instructions.
8. This device must be stored in a well-ventilated area, the dimensions of which correspond to the dimensions specified for the operation of the equipment.
9. Only persons with a valid authorisation issued by a competent accredited authority who demonstrate their competence to handle coolants safely in accordance with the applicable regulations may work or interfere with the coolant circuit.
10. The service must only be performed according to the equipment manufacturer's instructions.

Maintenance and repairs requiring the participation of other qualified persons must be carried out under the supervision of a person authorised to handle flammable refrigerators.

11. All working procedures that affect safety elements must be performed only by authorised persons.



Notes:

1. This air conditioning unit is intended for indoor use only. It is not suitable for any other use.
2. When installing the air conditioning unit, observe local rules for connection to the mains and ensure proper grounding. If you have any doubts about the electrical installation, follow the manufacturer's instructions and, if necessary, get it carried out by a qualified electrician.
3. Place the air conditioning unit in a dry place with a flat floor, keeping a minimum distance of 50 cm above the unit and from surrounding objects and walls.
4. After installation, make sure the power cable plug is not damaged and is firmly inserted into the electrical outlet. Route the power supply cable to avoid tripping over the cable and pulling the plug out of the socket.
5. Do not place any objects into the inlet and outlet air openings of the air conditioning unit. Do not cover the inlet and outlet vents and leave them unobstructed.
6. When installing drain hoses, make sure they are properly connected and that they are not deformed or bent sharply.
7. When installing the upper and lower air flow directing louvres, carefully insert them manually to avoid damage.
8. When moving, be sure the air conditioning unit is in the vertical position.
9. The air conditioning unit should be located at a safe distance from flammable substances such as petrol or flammable gases and stoves or other heat sources.
10. Never remove, repair or modify the air-conditioning unit alone, otherwise damage to the air-conditioning unit, property damage or personal injuries may occur. In case of a failure of the air-conditioning unit, have it repaired by the manufacturer or by an authorised service centre to avoid possible hazards.
11. Do not place or use the air conditioning unit in bathrooms or other wet areas.
12. Do not switch off the air conditioning unit by disconnecting the power cable from the socket.
13. Do not place beverage containers or other objects on the air conditioning unit to avoid penetration of spilled liquids into the unit.
14. Do not use any sprays or other flammable substances near the air conditioning unit.
15. Do not wipe or wash the air conditioning unit with chemical solvents, such as gasoline or alcohol. If it is necessary to clean the air conditioning unit, disconnect it from the power supply and clean it with a damp soft cloth. In case of larger contamination of the air conditioning unit, clean it with a mild cleaning agent.
16. If the power supply cable is damaged, it must be replaced by the manufacturer, an authorised service centre or a similarly qualified person to avoid the risk of injury.
17. The equipment installation must be carried out in accordance with the local regulations for the electrical connection.
18. Do not operate the air conditioning unit in wet areas, e.g. in bathrooms or laundry rooms.

Transport, marking and storage of the air conditioning unit

1. Transport of equipment containing flammable refrigerants:

These handling operations must be carried out in compliance with the transport regulations.

2. Marking of equipment with signs for using:

In compliance with the local regulations.

3. Disposal of the equipment containing a flammable coolant:

Must be carried out in compliance with the national regulations.

4. Equipment storage:

The equipment must be stored according to the manufacturer's instructions.

5. Storage of unpacked (unsold) equipment:

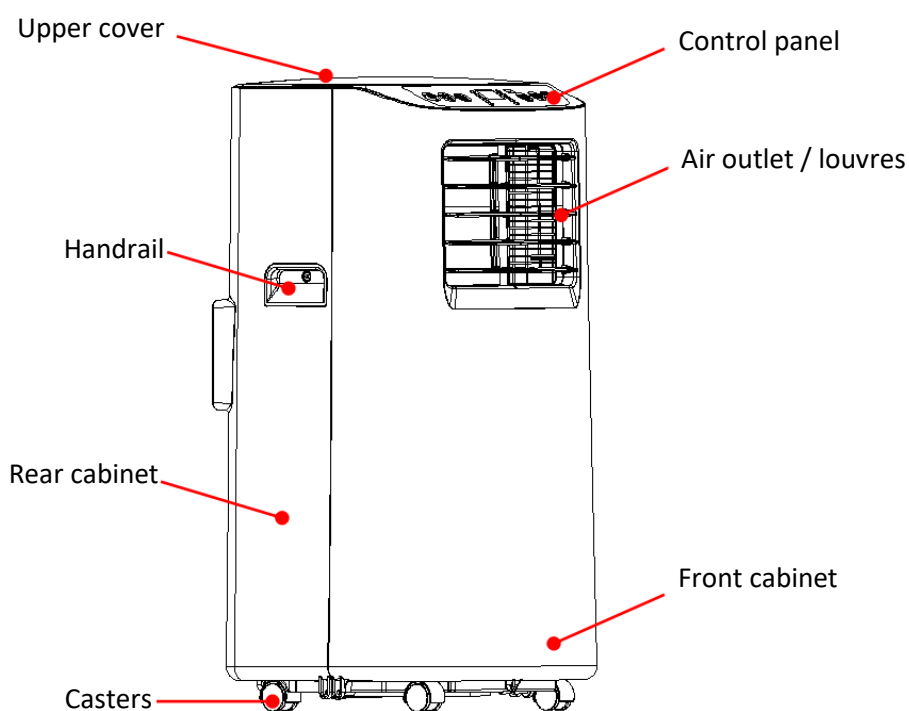
The protective packaging for the storage of the equipment must be designed to prevent leakage of the coolant if the equipment is mechanically damaged inside the packaging. The maximum allowed number of pieces of equipment stored together is determined by the local regulations.

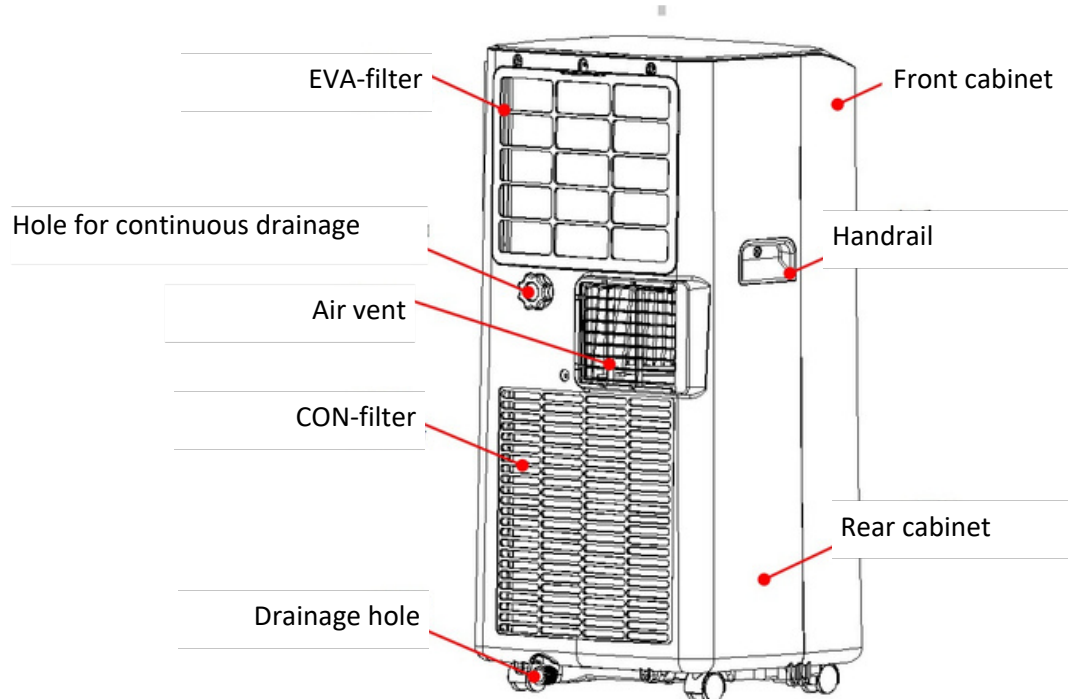
PROPERTIES AND ACCESSORIES

I/ Properties

- 1/ All-new appearance, compact design, smooth lines, simple and neat shapes.
- 2/ The functions include cooling, dehumidifying, ventilation and continuous drainage.
- 3/ In order to facilitate the installation and smooth flow of hot air through the outlet pipe, the interface with the outdoor environment is located at a suitable height.
- 4/ The control panel with display and LEDs in elegant and modern design is equipped with a high-quality and user-friendly remote control.
- 5/ Air filtering.
- 6/ Timer operation.
- 7/ Protective function of automatic compressor restart after three minutes and other protective functions.

II/ Accessories

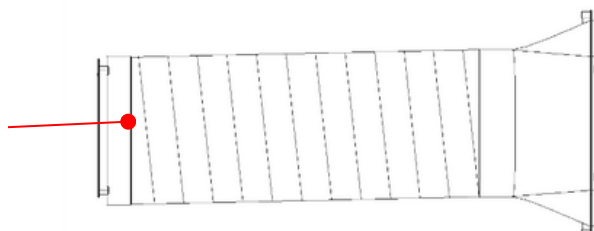




Sealing window assembly



Outlet piping assembly



TECHNICAL DATA

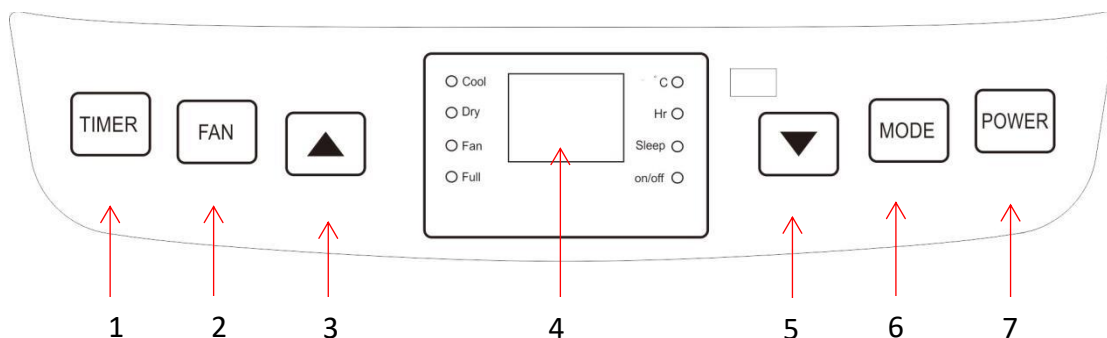
	MTF AC 7000
Nominal voltage	220 - 240 V~50 Hz
Cooling power	7000 BTU/hour (2.06 kW)
Coolant / Filling weight	R290 / 130 g
Input power:	792 W
Maximum allowed working pressure	0.6 MPa (inlet) / 1.8 MPa
Max. allowable pressure	(outlet) 3.0 MPa
Air flow rate	300 m3/hour
Mass	19 kg
Ingress protection	IPX0

OPERATION AND SETTINGS

Control panel and remote control description

1. Control panel commands

Control description:



- | | |
|--------------------------------|--------------------------|
| 1. Timer button | 5. Arrow down button |
| 2. Fan speed adjustment button | 6. Mode selection button |
| 3. Arrow up button | 7. Switch button |
| 4. Display | |

- When starting the air conditioning unit for the first time, the buzzer will play the initial song and then the air conditioning unit will go to a standby mode.
- **Switch button:** The air conditioning is switched on and off using this button. If the air conditioning unit is on, press this button to turn it off. If the air conditioning unit is off, press this button to turn it on.
- **Mode selection button:** If the air-conditioning unit is switched on, you can toggle between the modes: cooling -> fan -> dehumidification.
- **Arrow up/down buttons:** Pressing these two buttons allows you to change the temperature or time settings as follows:
Set the required temperature by pressing the up/down arrow button (not available in the fan or dehumidification mode). Set the required time by pressing the up or down arrow button.
- **Fan speed adjustment button:**
In the cooling and fan modes, you can press this button to set the high or low fan speed and thus the air flow rate. However, this function is limited under certain conditions, such as antifreeze, and may not run at the pre-set speed.
In the dehumidification mode, pushing of this button is ineffective and the fan is forced to run at the low operating speed.
- **Timer button:**
If the air conditioning unit is switched on, push this button to switch off the time measurement. If the air conditioning unit is switched off, push this button to switch on the time measurement.
Push this button until the timer symbol starts flashing, then push the up / down arrow buttons to set the time value.

Time can be set in the range of 1 to 24 hours with a step of 1 hour.

- **Standby mode (sleep):**

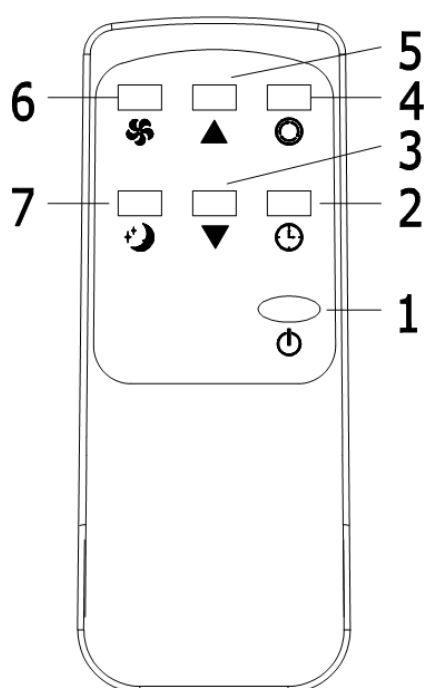
To switch the air-conditioning unit to the standby mode, push the arrow up button in the cooling mode simultaneously with the fan button until the air-conditioning unit enters an energy-saving and silent mode.

After activation of this mode with the air conditioning unit ON and with the Cooling function set up, the pre-set temperature in the room is increased by 1°C after the first hour, then again by 1°C after the next hour, and then the temperature is stabilised at this level. This means that the air conditioning unit is operated for a shorter period of time and therefore the operation of the unit is quieter.

Note: The air-conditioning unit cannot be switched to the standby mode if it is switched to the dehumidification or the fan mode!

2. Remote control

Remote control description:



1		Main switch: Using this button, the air conditioning is switched on and off.
2		Timer: This button is used to set up the timer.
3		Down arrow: Decreases the temperature or timer value.
4		Mode: Push this button to toggle between the cooling, fan, and dehumidification modes.
5		Up arrow: Increases the temperature or timer value.
6		Fan: Push this button to set the high or low fan speed.
7		Standby mode: Push this button to switch on the standby mode.

3. Protective functions

3.1. Freezing protection control:

If the temperature in the outlet pipe drops too low in the cooling, dehumidification or energy saving mode, the air conditioning unit will be automatically switched to the protected status. When the temperature in the outlet pipe increases above a specified value, the air conditioning unit returns to normal operation mode.

3.2. Overflow protection control:

When the water level in the water reservoir exceeds an alarm level, the air conditioning unit gives an acoustic warning signal and the 'WATER FULL' indicator starts flashing. In this case, connect the drain hose to the outlet of the air-conditioning unit, put the other end into the waste or a collection container and drain water from the air-conditioning unit (see the Drainage instructions). After draining the water, the air conditioning unit returns to its original operating state.

3.3. Automatic defrosting (this is only available on the models with the cooling function):

The air conditioning unit is equipped with an automatic defrosting function. Defrosting is carried out using a four-way reverse valve.

3.4. Compressor protection:

In order to extend the service life, the compressor is equipped with a protective function of a three-minute delay in restarting the compressor after it has been switched off.

Installation and positioning

1. Installation:

Warning: The mobile air conditioning unit should be left standing upright for at least two hours before starting.

The air conditioning unit can be easily moved around the room. When moving, the air conditioning unit should be placed on a flat surface in a vertical position. Do not place or use the air conditioning unit in bathrooms or other wet areas.

1.1 Installation of the hot air outlet piping assembly (see Fig. 1):

Screw the hot air outlet pipe assembly (mounting end) onto the outlet neck on the rear panel.

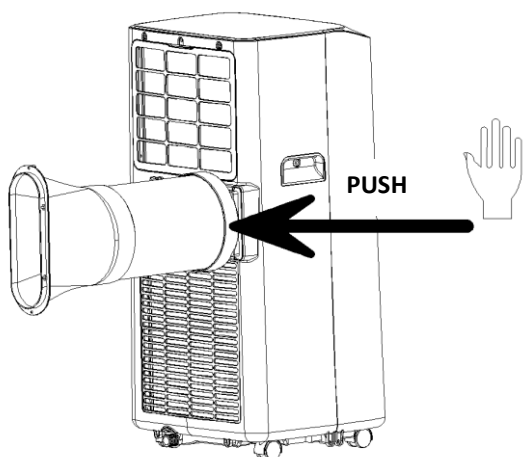


Fig. 1

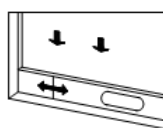


Fig. 2

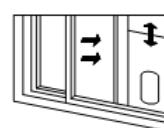


Fig. 3

1.2 Installation of the window sealing plate assembly

- 1) Partly open the window and fit the window sealing plate assembly into the window (see Fig. 2 and Fig. 3). The window sealing plate assembly can be placed both in horizontal and vertical positions.
- 2) Spread the parts of the window sealing plate assembly and adjust the hole distance so that both ends of the plate assembly are in contact with the window frame and attach the assembly parts to the window.

1.3 Air-conditioning unit installation

- 1) Place the air conditioning unit with the hot air outlet piping and the accessories in front of the window, whereas the distance of the air conditioning unit body from the walls and other objects must be at least 50 cm (see Fig. 4).

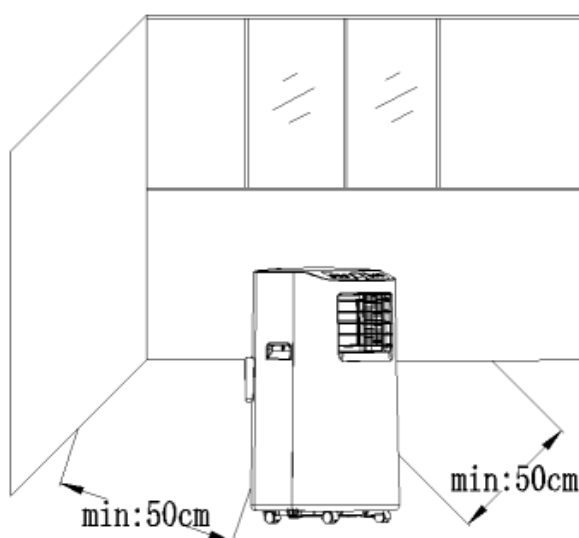


Fig. 4

- 2) Extend the outlet piping and attach the flat end of the piping to the opening in the sealing plate assembly (see Fig. 5 and Fig. 6).

Notes: 1. The flat end of the outlet pipe must snap into the opening.

2. The outlet piping must not be deformed or bent to a sharp angle (more than 45°).
Keep the outlet piping clear.

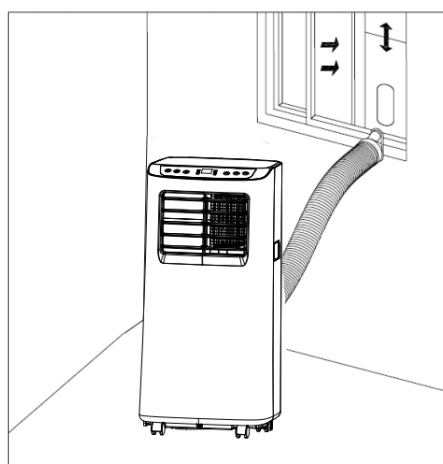


Fig. 5

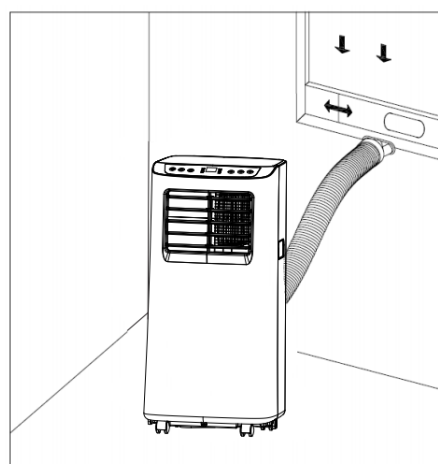


Fig. 6

Important:

The length of the outlet piping must be in the range of 280 - 1,500 mm. This length depends on the specification of the air-conditioning unit. Do not use extension pipes or replace original pipes with other ones. This might result in incorrect functioning of the air conditioning unit. The outlet must not be obstructed. This might result in overheating of the air conditioning unit.

Drainage instructions

This air conditioning unit allows two modes of draining the condensed water: manual or continuous.

1. Manual drainage

- 1) When the air conditioning unit is stopped after filling the water tank, switch off the air conditioning unit and disconnect the power cable plug from the socket.

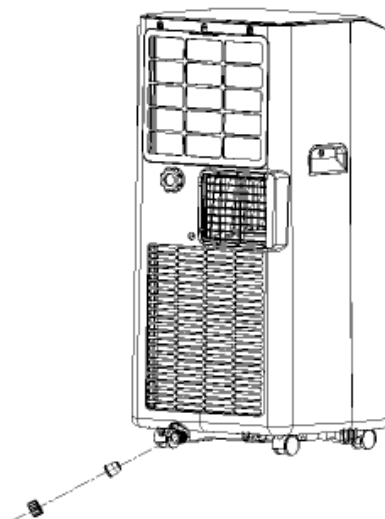
Notes: Handle the air conditioning unit carefully to avoid spillage of water from the container located at the bottom of the unit body.

- 2) Place a water container under the drainage hole at the rear side of the air conditioning unit.
- 3) Unscrew the cap, remove the drainage plug and drain the water by gravity into a container.

Notes:

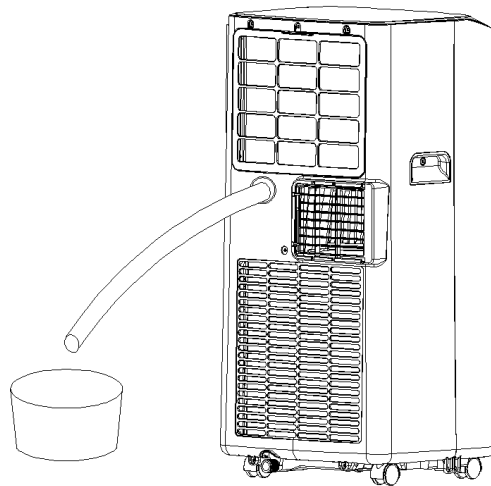
- 1) Handle the cap and plug of the drainage opening with care.
- 2) When draining water, the air conditioning unit may be tilted slightly backwards.
- 3) If it is obvious that the container will not take the entire volume of water from the tank, close the drainage hole with a plug to avoid water spilling on the floor or the carpet.
- 4) After draining water from the tank, close the drainage aperture with a plug and mount the cap onto it.

Notes: After installing the plug and the cap, restart the air conditioning unit; otherwise the condensed water will drain on the floor or carpet.



2. Continuous drainage of condensed water (optional and only applicable for dehumidification mode), see the following figure:

- 1) Unscrew the cap and remove the drain plug.
- 2) Connect the drain hose to the drain hole.
- 3) Insert the other end of the hose into a bucket.



MAINTENANCE

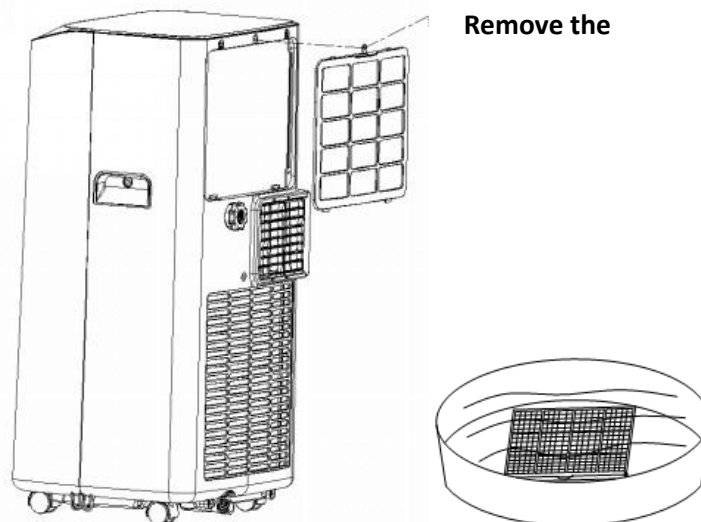
Cleaning: Before cleaning and maintenance, switch off the air conditioning unit and disconnect the power cable plug from the socket.

1. A/C unit surface

Clean with a damp soft cloth. Do not use chemical agents such as benzene, alcohol, petrol, etc., otherwise the surface or the entire air-conditioning unit may be damaged.

2. Cleaning the strainer

If the strainer becomes clogged with dust the efficiency of the air conditioning unit will be reduced. Therefore, clean the strainer at least every two weeks.



STORAGE

1. Unscrew the cap of the drain hole, remove the plug and drain the water from the tank into a prepared container, or tilt the air conditioning unit and drain the water directly to the storage container.
2. Switch on the air conditioning unit, switch the fan into the low-speed mode and let the unit run in this mode until the drain hoses dry out. This will ensure drying of the inside of the air conditioning unit to prevent mould formation.
3. Switch off the air conditioning unit, disconnect the power cable plug from the mains socket, wrap the power cable onto the cable holder, replace the plug and mount the cap onto the drain hole.
4. Remove the outlet piping and store it in a safe place.
5. Cover the air-conditioning unit with a plastic packaging, place it in a dry place out of reach of children and protect against dust.
6. Remove the batteries from the remote controller and place them in a safe place.

Note: Ensure correct storage of the air conditioning unit and all its components in a dry and safe place.

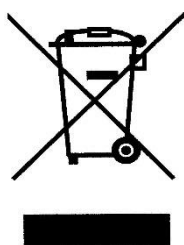
TROUBLESHOOTING

Never attempt to repair or disassemble the air conditioning unit yourself. An unprofessional repair will result in the cancellation of the warranty and may result in personal injuries or damage to property.

Problem	Cause	Solution
Air conditioning unit not working	The unit is not connected to the mains.	Connect the power cable to the power socket and switch on the air conditioning unit.
	The water level indicator in the tank shows the "FL" symbol.	Drain the water from the reservoir.
	The ambient temperature is too low or too high.	The recommended air conditioning unit operating temperature is 7 - 35°C (44 - 95°F).
	The room temperature is lower than the set temperature in the cooling mode or higher than the set temperature in the heating mode.	Change the pre-set temperature.
	The ambient temperature is too low in the dehumidification mode.	The air conditioning unit is located in a room with a temperature above 17°C (62°F).
Low cooling performance	The room is illuminated by direct sunlight.	Close the curtains.
	Doors or windows are open, there are too many people in the room or there are other heat sources in the room in the cooling mode.	Close the doors and windows and add an additional air conditioning unit if necessary.
	Filter clogged.	Clean or replace the filter screen.
	The air inlet or outlet is obstructed.	Remove obstacles.

High noise level	The air conditioning unit is not located on a horizontal surface.	Place the air conditioning unit on a horizontal and firm surface.
The compressor is not working.	Overheating protection has been triggered.	Wait 3 minutes until the temperature drops and re-activate the air conditioning unit.
Remote control not operating.	The distance between the air conditioning unit and the remote control device is too large.	Move the remote control to the air conditioning unit and point the remote control directly at the unit remote control receiver.
	The remote control is not pointed directly at the receiver.	
	Batteries flat.	Replace the batteries.
"E1" symbol displayed.	Unexpected value of the temperature sensor in the piping.	Check the temperature sensor in the piping and the related circuits.
"E2" symbol displayed.	Unexpected value of a room temperature sensor.	Check the temperature sensor in the room and the related circuits.

EQUIPMENT DISPOSAL



Do not dispose of electrical tools into municipal waste!

In compliance with European Directive No.: 2012/19/EU, electrical tools must be collected separately and submitted for ecological recycling.

Information on the possibilities of disposal of the used equipment can be obtained from the municipal or city administration at your place of residence.

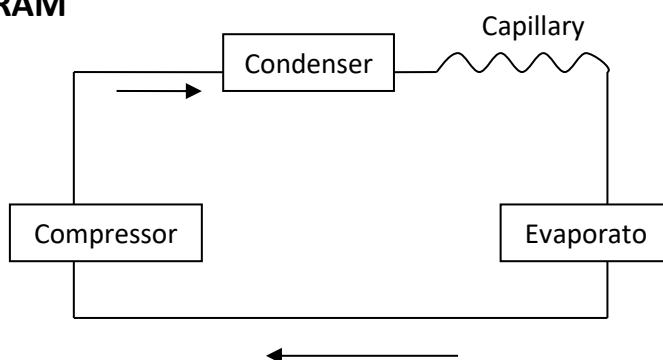
WARRANTY TERMS AND CONDITIONS

The warranty period is specified on the sales document, but not less than 24 months, and begins on the day of acceptance of the product, which must be proven by the original sales document. The warranty does not cover normal wear and tear of the product and its components, and damages caused as a result of failure to observe the instructions for use, use of incorrect accessories, foreign intervention and repairs using non-original parts, due to the use of force, impact or breakage and arbitrary overload of the drive unit.

REPAIRS

The service is provided by Mountfield. The address of the service centre can be found on the website www.mountfield.cz.

WIRING DIAGRAM



The technical and specification data of the air-conditioning unit are shown on the type plate.

Due to continuous development, we reserve the right to make changes without prior notice.

CZ ES PROHLÁŠENÍ O SHODĚ
SK ES VYHLÁSENIE O ZHODE
EN EC DECLARATION OF CONFORMITY
DE EG-KONFORMITÄTSERKLÄRUNG

My, níže podepsaný | My, dolu podpísaný | We, the undersigned, | Wir, der Unterzeichende im Namen der

Mountfield a. s., Mirošovická 697, CZ-25164 Mnichovice

tímto na vlastní zodpovědnost prohlašujeme, že výrobek | týmto na vlastnú zodpovednosť vyhlasujeme, že výrobok | hereby declare under our sole responsibility that the product | erklären hiermit in unserer eigenen Verantwortung, daß das Produkt

Popis výrobku:	MOBILNÍ KLIMATIZACE MTF
Popis produktu:	MOBILNÁ KLIMATIZÁCIA MTF
Description of the product:	MTF MOBILE AIR CONDITIONER
Produktbezeichnung:	MTF MOBILE KLIMAANLAGE

Typ výrobku: Typ výrobku: Product type: Produkttyp	AC 7000
Model: Model: Model: Modell:	JHS-A019-07KR2/A
Výrobní číslo: Výrobné číslo: Serial number: Seriennummer:	XX00001 – XX99999*

* XX rok výroby | rok výroby | year of manufacture | Jahr der Herstellung

na který se toto prohlášení vztahuje, je v souladu s bezpečnostními a zdravotními požadavky směrnic / nařízení, v platném znění: | na ktorý sa toto prehlásenie vzťahuje, je v súlade s bezpečnostnými a zdravotnými požiadavkami smerníc / nariadení, v platnom znení: | covered by this declaration complies with the relevant safety and health requirements of the Directives / Regulations, and subsequent amendments or additions: | auf das sich diese Erklärung bezieht, in Übereinstimmung mit den Sicherheits- und Gesundheitsanforderungen der folgenden Richtlinien / Verordnung sowie ihren Zusätzen ist, in der geltenden Fassung:

2014/35/EU; 2014/30/EU; 2011/65/EU; 2006/2012/EU

Odpovídá požadavkům následujících harmonizovaných norem: | Odpovedá požiadavkám nasledujúcich harmonizovaných noriem: | Conforms with the provisions of the following harmonised standards: | Ist konform mit den Bestimmungen der folgenden harmonisierten Normen:

EN 60335-1:2012+A2:2019; EN 60335-2-40:2003+A13:2012; EN 62233:2008;

EN 55014-1:2017; EN 55014-2:2015;

EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019

Technická dokumentace uložena v: | Technická dokumentácia je uložená v: | Technical documentation available by: | Am Technische Dokumentation hinterlegte:

Technický odbor | Technický odbor | Technical Dept. | Technische Leitung

Mountfield a.s., Všechnomy 56, 251 63 Strančice, Česká republika

Vydáno v / Dne: | Vydané v / Dňa: | Made at / Date: | Aufgesetzt in / Datum:

Mnichovice, 16.02.2023



Mgr. Michal Pobežal

generální ředitel | generálny riaditeľ | General

Director | Generaldirektor

Mountfield a. s.

PL DEKLARACJA ZGODNOŚCI WE
HU EK-MEGFELELŐSÉGI NYILATKOZAT
IT DICHIARAZIONE DI CONFORMITÀ CE
ES DECLARACIÓN DE CONFORMIDAD CE

My, nižej podpisana, | A alulírot, | Noi, il sottoscritto, | Nosotros, el abajo firmante,

Mountfield a. s., Mirošovická 697, CZ-25164 Mnichovice

niniejszym na własną odpowiedzialność oświadczamy, że wyrób | saját felelőssége tudatában kijelenti,
hogy az | dichiariamo sotto la nostra esclusiva responsabilità che il prodotto | declaramos por la
presente, bajo nuestra exclusiva responsabilidad, que el producto

Opis produktu:	MOBILNY KLIMATYZATOR MTF
A termék leírása:	MTF MOBIL LÉGKONDITIONÁLÓ
Descrizione del prodotto:	CLIMATIZZATORE MOBILE MTF
Descripción del producto:	AIRE ACONDICIONADO MÓVIL MTF

Typ produktu: Terméktípus: Tipo adi prodotto: Tipo de producto:	AC 7000
Model: Modell: Modello: Modelo:	JHS-A019-07KR2/A
Numer fabryczny: Gyártási szám: Numero di serie: Número de serie:	XX00001 – XX99999*

* XX Rok produkcji | A gyártás éve | Anno di produzione | Año de producción

którego dotyczy niniejsza deklaracja, jest zgodna z wymaganiami bezpieczeństwa i higieny według dyrektyw/ rozporządzenia, wraz z późniejszymi zmianami lub uzupełnieniami: | készülékre az alábbi irányelvek / jogszabály és műszaki vonatkozna, és amelyeknek a fenti készülék minden szempontból megfelel, és ezek kiegészítései: | a cui si riferisce la dichiarazione, è conforme ai requisiti di sicurezza e di salute previste dalle direttive / Regolamento, e successive modifiche o integrazioni: | al que se aplica esta declaración cumple con los requisitos relevantes de seguridad y salud de las directivas / el Reglamento, y sucesivas modificaciones o integraciones:

2014/35/EU; 2014/30/EU; 2011/65/EU; 2006/2012/EU

Jest zgodne z wymogami następujących zharmonizowanych norm: | A megfel a következő irányelv előírásainak: | É conforme alle disposizioni delle seguenti norme armonizzate: | Cumple las siguientes normas armonizadas:

EN 60335-1:2012+A2:2019; EN 60335-2-40:2003+A13:2012; EN 62233:2008;
EN 55014-1:2017; EN 55014-2:2015;
EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019

Dokumentacja techniczna złożona w: | A műszaki dokumentáció megtalálható a: | Documentazione tecnica depositata in: | Documentación técnica depositada en:

Dyrekcja techniczna | Műszaki Igazgatóság | Dipartimento tecnico | Departamento técnico
Mountfield a.s., Všechnomy 56, 251 63 Strančice, Česká republika

Datum: | Wykonano w / Data: | Kelt / Dátum: | Fatto a / Data | Hecho en / Fecha:

Mnichovice, 16.02.2023



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