VEVOR

Upgrade · The Home Creator Way

Portable Air Conditioner

MODEL:HYAC-TG7

VEVOR Support Center

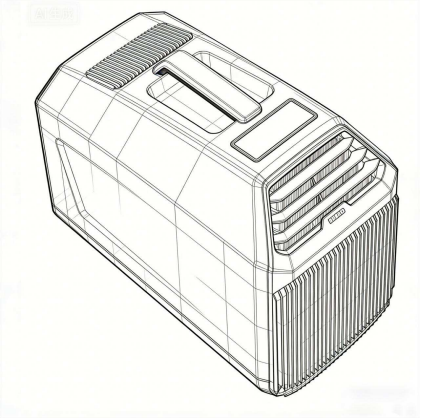
HYAC-TG7(US)

HYAC-TG7(EU)

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

SAFETY GUIDELINES

1.Do not use a damaged or incompatible power outlet.
2. Do not operate the unit in the following conditions: Near open flames or heat sources;
In areas prone to oil spills or leaks;
under direct sunlight
where water spray or splashing is likely;
Near bathrooms, showers, or swimming pools (due to moisture/humidity risks).
3. keep fingers and slender objects away from the air outlet. Ensure children are explicitly informed of this hazard.
4. For proper compressor positioning during transportation, place the unit in the orientation indicated on the packaging.
5. Always disconnect the power supply before cleaning the unit.
6. Before moving the unit, turn off the device, disconnect the power, and move it slowly to avoid damage.

7. Do not cover the unit, as this poses a fire hazard.
8. During thunderstorms, immediately disconnect the power supply.
9. Do not use the power switch to directly turn off the air conditioner. (Use designated controls per the manual.)
10. If abnormal conditions occur(e. g.,a burning odor), stop operation immediately and disconnect the power supply.
11. Minors must be supervised by an adult at all times. The unit is not intended for recreational use.
12. This product is not recommended for the following groups: minors, individuals with physical disabilities, mental illnesses, or cognitive impairments—unless strictly supervised by a capable adult.

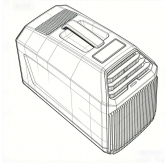
Notes:
If any components are damaged, contact the retailer or a certified repair technician.
If a malfunction occurs: Turn off the device, disconnect the power, and contact the retailer or professional repair service.
Ensure the plug is grounded, and the power supply circuit is equipped with a residual current device (RCD/leakage protection switch).
Do not modify, splice, or parallel-connect the power cord. Unauthorized alter at ions are prohibited.
If the power cord is damaged: shutdown the power immediately and contact the retailer or professional repair service

R290 refrigerant warning language

● Please read this manual before installation, use and maintenance.
● Do not use any method to accelerate the defrosting process or clean the frosting part except as specifically recommended by the manufacturer.
● Do not puncture or ignite the air conditioner.
● The air conditioner shall be stored in rooms without continuous fire sources (e. g. gas appliances ignited by open flame, electric heaters, etc.).
● In case of maintenance, please contact the nearest after-sales service center. Strictly follow the operation manual provided by the manufacturer, and prohibit maintenance by non-professionals.
● Should comply with the relevant national gas laws and regulations.
● Remove the refrigerant from the cleaning system for maintenance or scrapping.
The air conditioner uses an environmentally friendly R290 refrigerant. This is a slightly combustible refrigerant, although it can burn and explode under certain conditions, but as long as you follow the table below, install it in the room with the right area, and use it correctly, there is no risk of

combustion and explosion.
Compared with ordinary refrigerant, R290 is an environmentally-friendly refrigerant that does not destroy the ozone layer, and its greenhouse effect value is also very low.

PART LIST

NO.	PICTURE	NAME	QTY
1		Air conditioning host	1
2		The exhaust pipe (inner diameter:150mm，total length:1.5m)	1
3		drain pipe (inner diameter:7mm)	1
4		Remote	1
5		joint	1
6		Instruction Manual	1

PARAMETER LIST

Product model	HYAC-TG7	HYAC-TG7
Rated voltage/frequency	120V~ 60Hz	220-240V~ 50/60Hz
Cooling capacity	3050 BTU/h	3340 BTU/h

Rated power	410W	440W
Refrigerants	R290/80g	R290/90g
Noise	<60dB	
Body dimensions	530x275x320 mm	
Unit net weight	13.3 kg	14 kg

Requirements for matching mobile power supplies:
① The output power of the mobile power supply should reach at least 800W or more.

PRODUCT INTRODUCTION

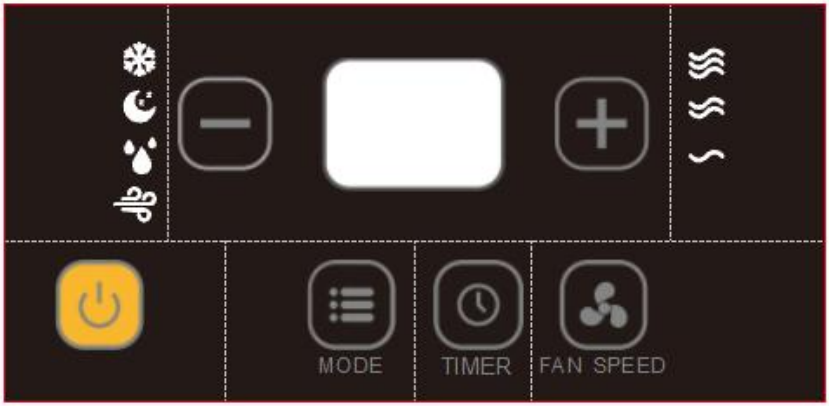
Air conditioners using refrigerant R290 must be installed in a room with a floor area not less than the specified minimum. Refer to the technical data or contact the manufacturer for the minimum room area.Before maintenance or disposal, operations must be carried out in a well-ventilated area. Ensure the work area is well ventilated and away from ignition sources.
This product contains refrigerant R290 with a low Global Warming Potential (GWP). However, it must still be properly recovered at the end of its life in accordance with regulations.
If using a portable power station, ensure its output power is at least 800W and that the output voltage and frequency meet the requirements of this appliance.
Condensate water will be generated during cooling. Regularly check and drain accumulated water to prevent overflow and damage to floors or furniture.
Maintenance involving the refrigeration system must be carried out by qualified personnel certified to handle R290 refrigerant.
At the end of the product's life, the refrigerant must be recovered by a professional service provider. Do not release it into the atmosphere.

product overview

Power supply: AC 110/220V.
Operating Modes: Cooling mode, sleep mode, dehumidification mode, and air supply mode.
Main components: Motherboard, remote control, display panel, sensors, compressor, internal and external motors, and other parts.

Key Functions: Built-in anti-freeze protection, 3-minute compressor delay protection, fault protection, and power loss memory function, among others.
Temperature unit: The factory default setting is Celsius for European standards and Fahrenheit for American standards.

Display panel

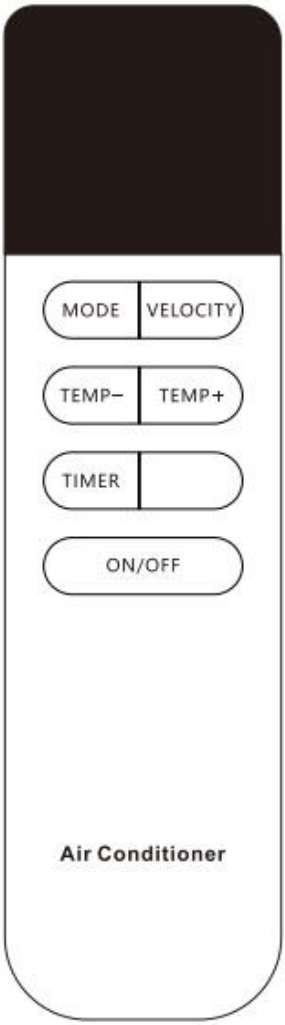


[Mode] key
Press the [Mode] key to cycle through the available operating modes: cooling, sleep, dehumidification, and air supply.

[Fan speed] key
In cooling and air supply modes, press the [Fan speed] button to switch the fan output among High, Medium, and Low settings.
In sleep and dehumidification modes, this button is inactive (no effect).

[+]l [-] keys
In cooling and sleep modes, press the [+] or[-] key to adjust the target temperature.
press and hold both [+] and [-] keys simultaneously for3 seconds to switch the temperature display between Celsius and Fahrenheit.

[Timer]key
while the unit is operating: press the I Timer] key to activate the timed shut -down function, then use the [t]and [-] keys to set the desired shutdown delay. while the unit is in standby: press the [Timer] key to activate the timed startup function, then use the [+] and [-] keys to set the desired startup delay.



The key operation instructions are as follows:

1. Power On/Off button: Pressing this button can turn the device on or off;
2. Timer button "TIMER": When the device is turned on, pressing this button allows for setting a scheduled shutdown;
3. Up adjustment key "TEMP+": Pressing this key can increase the temperature and timing values;
4. Downward adjustment button "TEMP-": Pressing this button can decrease the temperature and timing values;

5. "MODE" button: Pressing this button allows you to switch between different modes, namely cooling mode, air supply mode, dehumidification mode, and sleep mode;
6.Wind speed button "VELOCITY": Pressing this button allows you to adjust the wind speed of the machine.

PROTECTION INSTRUCTIONS

COMPRESSOR PROTECTION

Restart Delay: After the compressor stops, a minimum waiting period of3 minutes is required before it can be restarted.
Exception: NO 3 minute wait is needed for the initial power on sequence (i. e., when starting the unit for the first time after plugging in).

clarification: The 3 minute interval applies between successive stop start
cycles— not before powering off, nor before powering on again after a shut down.

Minimum Run Time: once started, the compressor will run for at least 3 minutes continuously, even if shutdown conditions are met earlier. It will not stop prematurely within this period, except when an immediate shutdown command is issued (e. g., emergency stop or power loss).

Error Code

Serial number	The name of the fault	Failure code static display	Fault description	Troubleshooting
1	Indoor ambient tempera-ture failure	E1	The sensor is open or shorted	stoppage

Note: Fault Query& Display
Enter Fault Query Mode: Press and hold the wind speed key and the [-] key simultaneously for 2 seconds to enter the fault query mode. The display will show the current fault code(s).

Exit Fault Query Mode: Press and hold the wind speed key and the [-] key again for 2 seconds to exit the fault query mode. The display will return to normal operation.
Important: In fault query mode, the unit does not retain power loss memory. After a power failure, all settings must be reconfigured.
Multiple Faults: If multiple faults are present, they will be displayed in order of priority (highest priority fault shown first).

MEMORY
Standby before power off, or set the timer shutdown function at power on, then enter standby after power on. If the unit enters standby mode before power is disconnected, or if the timer shutdown function is set while the unit is operating, it will remain in standby after power is restored.

If the power is turned on before power off, it will continue to operate according to the original mode, set temperature, wind speed, temperature unit, water motor enable switch, etc. after power off. If the unit is operating (not in standby) when power is lost, it will resume operation after power is restored, using the previous settings, including operating mode, target temperature, fan speed where applicable, temperature unit, water pump enable status, and other configured options.

USER NOTICE

After purchasing the unit, place it in the orientation indicated by the arrow on the carton and let it stand for two hours before turning it on. After each shutdown, wait at least five minutes before turning it on again.

Before using the unit, identify the cold air outlet and hot air outlet according to the markings on the machine: the upper air outlets at both ends are the air outlets, and the lower ones are the air inlets. Blocking the air outlets is strictly prohibited. The hot air outlet must have an unobstructed space of at least 60 cm in front of it. Leave a clearance of at least 10 cm or more on both sides of the unit.

Applicable ambient temperature :
Minimum cooling ambient temperature

	Celsius (c)	**Fahrenheit("F)**
refrigeration	16'C	60.8°F

-The power supply meets standards
-The socket is available for AC power.
-It is forbidden to share the same socket with other electrical appliances at the same time.
-Power supply and voltage requirements: AC 110V, 60Hz/220-240V~ 50/60Hz

Friendly Reminder: Before use, ensure the product's tilt angle is ≤10° to prevent overflow of internal accumulated water. After each use, be sure to pull out the drain plug at the base of the product and drain all the water completely.

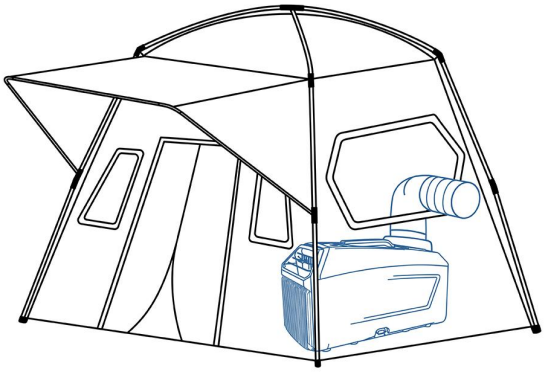
MAINTENANCE SERVICE

Statement:
Before cleaning, ensure the unit is disconnected from power (not energized). Do not use chemical solvents such as gasoline to clean the unit.Do not rinse or wash the unit directly with water.If the unit is damaged, contact your local retailer or authorized repair center.

I. Filter
Clean the filter once a month.Method: As illustrated, use a small Phillips screwdriver to remove the fixing screw of the filter screen, pull out the filter screen, and immerse it in warm water at 40 °C mixed with a neutral detergent. Use a brush to remove debris from the filter screen, then place it in a cool location to dry. Reinstall the filter and secure it with the screw.

II. Surface Cleaning
Wipe the surface with a neutral cleaning solution or alcohol applied to a damp cloth, then dry with a clean, dry rag.
Season-end Storage
Turn off the unit and unplug the power cord.Wipe the surface of the unit with a damp cloth, then dry it with a dry cloth.Wind the power cord neatly with a tie.Tilt the unit slightly toward the side with the drain hole and let it stand for half an hour until all condensate remaining inside the unit has drained out.Cover the unit with a plastic bag and store it in a dry place.

USE SCENARIOS





RECOMMENDATIONS:
Pay attention to the insulation of the tent. If the tent has poor insulation, please cover the tent with a heat-insulating mat.
Pay attention to sealing. Tents have ventilation holes, so please close or cover the ventilation holes.
Pay attention to sunshade. You can use awnings to cover tents.
If the tent is large and exceeds the cooling space of the air conditioner, please add another air conditioner, or create a small cooling space inside the tent with a cloth partition.

	
press and hold the button on the cover, align it with the latch on the unit, connect the air intake duct to the intake port, and then connect the intake port to the outdoors.	press and hold the button on the cover, align it with the latch on the unit, then easily attach the hot air exhaust duct to the exhaust port, allowing the hot air to be discharged outdoors.

TROUBLESHOOTING

HITCH	CHECK UP	MEASURE
The machine does not turn on	1. Is it plugged in? 2. Is the plug loose? 3. Is it powered off? 4. Is it not powered on? 5. Is the internal cable shed?	1 . power on 2. plug in the outlet 3. power cycle the system 4. Tap the power switch twice 5. open the large iron cover and plug in the cable
The refrigeration effect is not good	. Is the filter covered with dust? 2. Is the air inlet or outlet blocked? 3. Too much space or doors and windows not closed? 4. Do you have any other heating equipment in the room? 5. Is the exhaust duct not connected or blocked?	1. Clean the filter 2. Clean up blocked objects 3. Use mosquito nets with beds and close doors and windows 4. Remove the fever equipment

		5. Reconnect or clean the exhaust duct
Leaking	1. Is the host placed horizontally? 2. The drain or drain is blocked 3. Excessive condensate accumulates	1. Place the host horizontally 2. Clean the drain and drain 3. Decant the condensate from the bucket
Excessive noise and vibration	1. Is the machine placed horizontally? 2. clogged filter? 3. Internal refrigerant flow? 4. whether other objects are placed or bumped into on the console 5. Internal "Ling ling" sound	1. The machine is placed horizontally 2. clean the filter 3. This is normal 4. cleanup useless objects 5. Find the after-sales depart ment for repair
Smell	Whether the machine is useless for a long time, the machine is placed for a long time, it will absorb the smell of furniture, and when the machine is running, the smell wafts out of the machine.	Run the machine for 2~5 minutes, the gas will disappear
The compress or does not start	1. Is the power supply disconnected? 2. Is the start capacitor faulty? 3. Is the overload protector tripped? 4. Is the compressor motor winding damaged? 5. Is the refrigerant pressure too high?	1. check and restore the power supply 2. replace the faulty start capacitor 3. reset the overload protector 4. repair or replace the compressor motor 5. check and adjust the refrigerant system pressure

Note:
The real product will differ from that shown.When a repair is needed, please contact the seller or a special repair site professional

CORRECT DISPOSAL

This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

