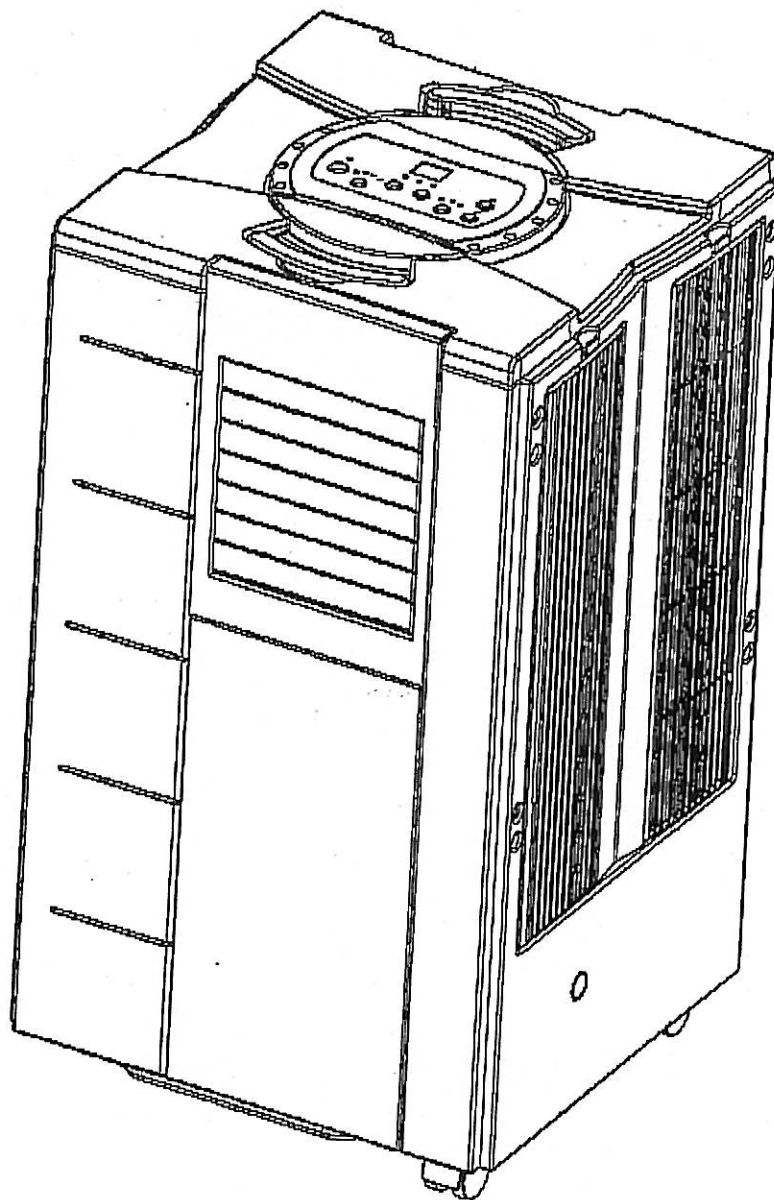


Dimplex[®]

PORTABLE AIR-CONDITIONER



Model DAC15JH

Please read and retain this manual for future reference

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Introduction

Thank you for choosing a Dimplex air conditioner. This manual contains information, regulations and warnings which are of fundamental importance if the appliance is to be installed correctly and the highest performance, in the safest possible conditions is to be obtained. We suggest that you read the manual carefully before installing or starting up the appliance.

The air-conditioning unit is of the mono tube type, transferable (on wheels) with air/air operating system for domestic use and has 3 settings:

- Ventilate.
- Cool.
- Dehumidify.
- Heating.

The ventilation mode "moves" the air allowing for its recycling much like a fan.

The cooling mode, a refrigerated circuit (compressor), cools the room by transferring the heat from the inside to the outside through the air exhaust hose. While cooling, the air-conditioning unit also dehumidifies the room air.

Important Safeguards

- Read all instructions.
- Disconnect the power plug before dismantling, assembling or before cleaning.
- Avoid touching mobile parts of the appliance.
- Never insert fingers, pencils or any other objects through the guards whenever the power plug is connected, especially while running.
- The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the unit safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not use the appliance for any other purpose than its intended use.
- The appliance must not be used if the guards are not fastened according to instructions.
- When the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier.
- Return to Hagemeyer or authorised service agent.
- **The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of doubt we suggest to wait for at least 24 hours before you start the air-conditioning unit.**
- Avoid restarting the air conditioning unit unless 4 minutes have passed since being turned off, or the compressor may get damaged.
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided ON/OFF switch located on the control panel.
- Always place the portable air conditioner on a dry stable surface.

Energy Saving Tips

- Do not cover or restrict the airflow from the Outlet or Inlet grills.
- The minimum distance from furniture and wall should be 50cm.
- Keep blinds and /or draperies, on any windows, closed during the sunniest part of the day.
- Keep the filters clean. Under normal conditions, the filters should be cleaned approximately every 30 days. Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the Fan switch to Low cool and lower the thermostat to a comfortable setting.
- Set the fan speed switch to high heat and the thermostat to the hottest position for the initial start-up. When the room has stabilized, set the Fan switch to Low heat and adjust the thermostat to a comfortable setting.

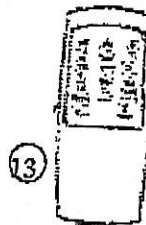
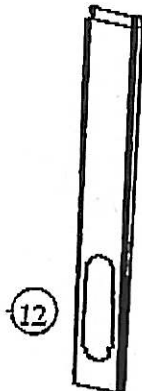
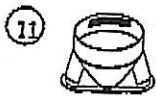
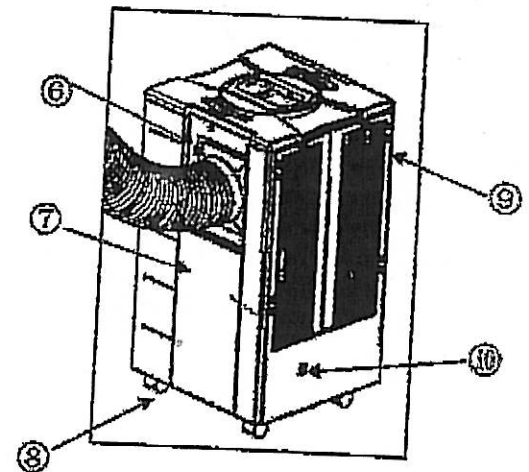
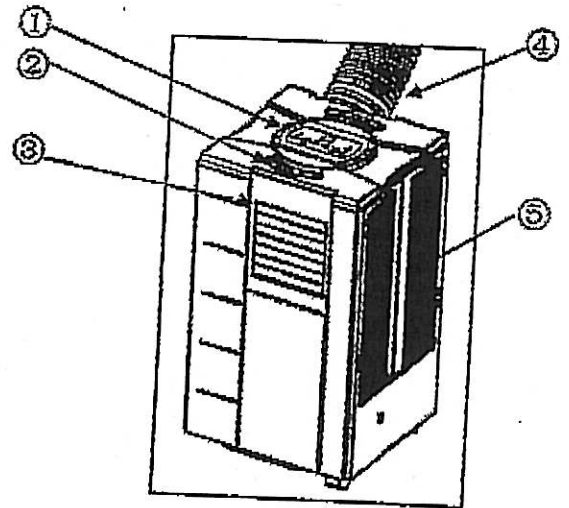
Features And Parts List

Features:

- No installation is required.
- Easily moved with castors and retracted handle.
- Revolving control panel with colourful LED display.
- Remote control.
- Compact and symmetrical body.
- Water cooled mode can save running costs.
- Low noise and strong breeze.
- On/off timer function.
- Three-minute restart delay to protect compressor.
- All accessories can be stored inside the unit.

Part Names:

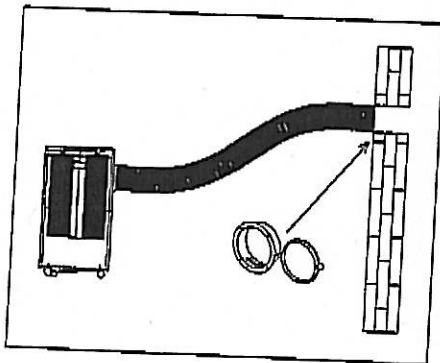
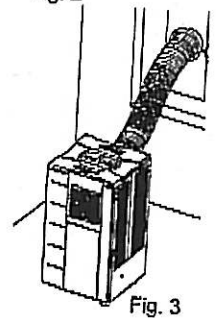
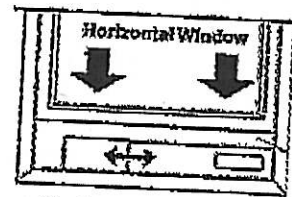
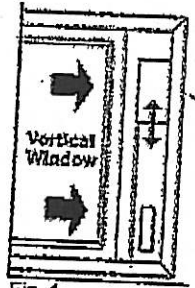
1. Control panel
2. Retracted handle
3. Air outlet grille
4. Exhaust pipe
5. Air filter for cooling
6. Exhaust pipe connector
7. Door to accessories storage
8. Castors
9. Air filter for heating
10. Water drainage hole
11. Window kit connector
12. Adjustable window kit
13. Remote control



Installation

Before you use this unit please ensure it has been kept upright for at least 2 hours.

1. The unit should be installed in a flat dry place. Leave at least 50cm space around the unit.
2. Open the red accessories door and remove the exhaust pipe, the exhaust pipe connector, window kit connector and close the red accessories door.
3. Fix the exhaust pipe connector to its position above the red accessories door.
4. Screw one end of the exhaust pipe into the exhaust connector and screw the window kit connector to the other end of the exhaust pipe.
5. The window kit has been designed to fit most standard vertical (Fig. 1) and horizontal (Fig. 2) windows. However it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. Once the window kit is in place, simply snap the window kit connector into the hole provided on the window kit (Fig.3). You are now ready to use your portable air conditioner.
6. Permanent installation (Fig. 4)
 - Excavate a round hole with the diameter more than 150mm, then input and fix the window kit connector.
 - Screw one end of the exhaust pipe into the window kit connector.
 - Screw the other end of the exhaust pipe into the exhaust pipe connector.
 - Put the exhaust pipe connector into the unit back panel from left to right to its position.



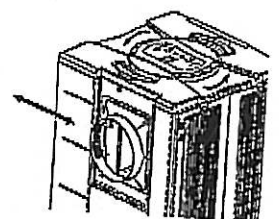
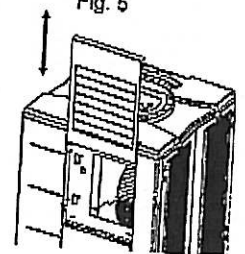
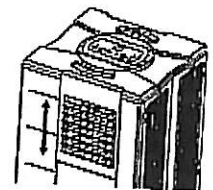
NOTE: The length of the exhaust duct is between 500mm to 1500mm. We suggest using the minimum length of exhaust duct for maximum performance.

This length has been designed according to the specifications of the air conditioner. Do not use an extension or exchange with a different hose as that may lead to malfunction.

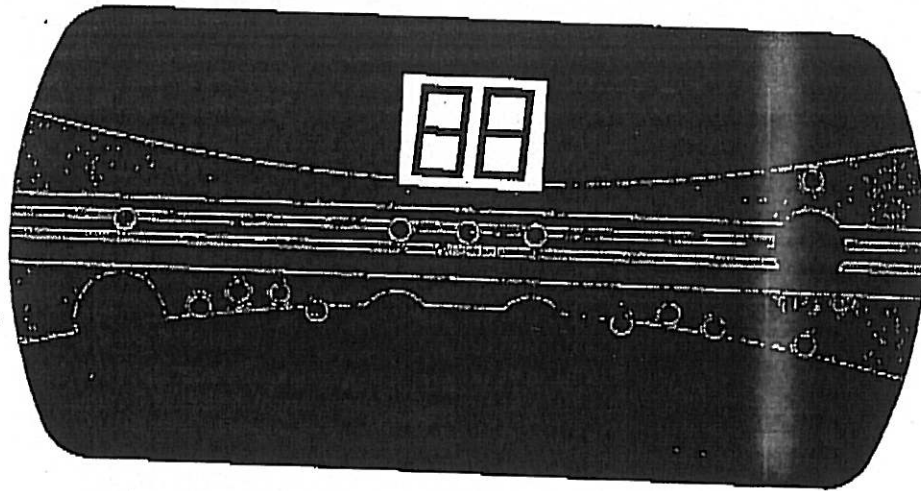
Do not use the unit in the bathroom or other humid environments.

Adjustment

1. **Wind direction adjustment** is through moving the vertical louvre up and down (Fig 5). When the unit is not in use, please ensure the vertical louvres are closed.
2. **Converting cooling and heating functions.** When converting the cooling and heating functions you need to remove the air outlet grille by sliding it up and out of its tracks (Fig. 6).
 - For cooling you will need the air outlet grille inserted into the tracks above the blue panel and the exhaust pipe connector inserted above the red panel.
 - For heating you will need the air outlet grille inserted into the tracks above the red panel and the exhaust pipe connector inserted above the blue panel.
3. **Control panel turn around.** When converting the cooling and heating functions we have conveniently added a feature that enables you to turn the control panel around so it always faces forward whether you are using the cooling or heating function.
 - Turn the control panel by putting your hands on the edges of both sides of the panel and turn anti-clockwise (converting cooling to heating). When converting back simply turn in a clockwise direction (converting heating to cooling) (Fig. 7).
 - The control panel can only be turned 180°, please do not try to exceed this limit.
 - On the control panel the red arrow shows the rotation direction for heat mode, while the blue arrow shows the rotation direction for cool mode.



Control Panel



Key Functions

POWER: Press this button to start the unit. It will start with temperature setting of 24°C, high fan and cooling mode. The power LED will show green and unit-on tones will be heard.

MODE: The unit has four modes: HEAT, COOL, DRY and FAN

▲ : increases time and temperature settings

▼ : Decreases time and temperature settings

FAN: Fan-speed settings of High, Medium and Low.

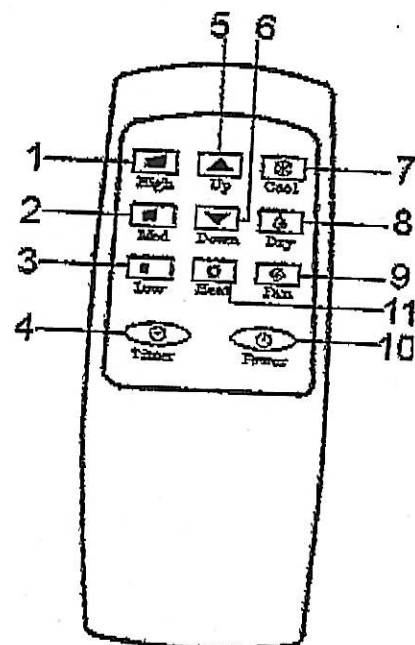
TIME ON: Set a time for the portable air-condition to turn on (within 0-24 hours).

TIME OFF: Set a time for the portable air-condition to turn off (within 0-24 hours).

LED DISPLAY: Displays temperature setting within 15-30 °C. °C indicator light will illuminate if the temperature is in °C, the °F indicator light will illuminate if the temperature is in °F. Press ▼▲ at the same time to convert the two temperatures.

Remote control

1. **High:** Press this button to select high fan speed.
2. **Med:** Press this button to select medium fan speed.
3. **Low:** Press this button to select low fan speed.
4. **Timer:** Press this button to set the timer.
5. **Up:** Press Up button to set temperature.
6. **Down:** Press Down button to set temperature.
7. **Cool:** Press this button to choose Cool mode.
8. **Dry:** Press this button to choose Dry mode.
9. **Fan:** Press this button to choose Fan mode.
10. **Power:** Press this button to turn the unit on/off.
11. **Heat:** Press this button to choose Heat mode.



- Receiving distance of remote control is ≥8m.
- The unit can respond to all remote control signals, after the unit received a signal with a sound "toot".
- The two remote control receivers are respectively on the left side of the front and back air-outlet.

Operating Instructions

Heating Mode

- The temperature range can be set between 15-30°C.
- The fan can run at high, medium or Low speed.
- The ON-Timer and OFF-Timer can be set.

Cooling Mode

- The temperature range can be set between 15-30°C.
- The fan can run at high, medium or Low speed.
- The ON-Timer and OFF-Timer can be set.

Dry Mode

- The machine operates in the cooling mode but does not lower the room temperature.
- It absorbs the excessive humidity in the air.
- The desired temperature cannot be set, instead the ambient room temperature is displayed (between 7-35°C).

Fan Mode

- The fan can run at high, medium or low speed.
- The ON-Time and OFF-Time can be set.
- The compressor and pump-over function are not utilised.
- The desired temperature cannot be set, instead the ambient room temperature is displayed (between 7-35°C).

Auto Mode

- Auto Mode can be only set by remote control. The fan is automatically set at medium fan speed and the unit will function as follows:
 - When the room temperature is $\geq 27^{\circ}\text{C}$, the unit will enter into Cooling Mode.
 - When the room temperature is between 21°C and 27°C , the unit enters into Dehumidifying Mode.
 - When the room temperature is $\leq 21^{\circ}\text{C}$ the unit will be fan only.
- Under Auto Mode the ON-Time and OFF-Time can be set.

Fan Speed

- There are three fan-speed settings of High, Medium and Low.
- Press the \blacktriangle \blacktriangledown buttons and the fan speeds will change in order from High to Medium to Low.

Temperature Display

- Press \blacktriangledown and \blacktriangle at the same time to display the temperature in $^{\circ}\text{C}$ or $^{\circ}\text{F}$. The corresponding LED light will be illuminated on the control panel.
- The unit displays the set temperature under Auto, Cooling and Heating modes.
- In Dry and Fan modes the display shows the ambient room temperature only.
- The temperature display scale is 7-35°C (45-95°F). If the environment temperature is lower than 7°C the unit will display 7°C. If the environment temperature is higher than 35°C the unit will display 35°C.

- The temperature setting scale is 15-30°C (59-86°F).

Temperature Setting

- The temperature can be set under the Cooling and Heating modes only.
- To set the desired temperature, press ▼ to decrease and ▲ to increase the temperature. Each press is equivalent to 1°C (2°F) at the same time to display the temperature in °C or °F. The corresponding LED light will be illuminated on the control panel.
- The unit displays the set temperature under Auto, Cooling and Heating modes.

Timer Set

1. Set timer-off

- When the unit is on press the TIME OFF button, the unit will enter TIME OFF status. If the time setting is greater than zero, the corresponding LED light will illuminate.
- In this mode press the ▲ ▼ buttons to adjust the set time from 0.5 hour to 24 hours. It will vary 0.5 hour each for each press of the button in the first 10 hours and advance by 1 hour each time thereafter.
- Once the set time ends, the unit will turn off automatically and the LED light will go out.
- When the timer-off mode is set the timer-on function cannot be changed.
- Only the last time-setting is valid, and is valid only once.

2. Set timer-on

- Press the TIME ON button when the unit is off.
- Set as per instructions for timer-off. When set the timer-on LED will illuminate.
- Once the preset time has passed the unit will turn on automatically and the LED will go out

3. Changing the set time

- All time-settings will be cancelled by turning the power off.
- To change the setting press the TIME OFF or TIME ON button and change the setting by pressing the ▲ ▼ buttons as required.

Protection Function

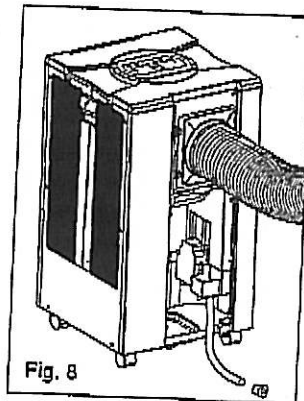
- *Water full protection* – When the water level becomes too high the will stop, display and P2 error code, show a red LED for WATER FULL and the buzzer will sound. You will need to turn the unit off, drain the water and then the unit can function as normal.
- *Compressor delay protection* – The compressor will work immediately with the first power-on. However, if you change modes the compressor will delay starting for 3 minutes.

Condensing Water

- This product has condensing water self-evaporative function.
- Under Cool Mode, the condensing water on the evaporator surface will flow down into the base plate, then the water-pump draws the water up to cool the condenser.
- The condensing water is recycled to cool the condenser. The water-cooling system works to improve the cooling efficiency, lower noise and it also save the energy. Some of this recycled water is evaporated at the condenser or expelled from the machine as water vapour through the exhaust hose.
- When the water is full, the water-full indicator illuminates, compressor stops. Until the water becomes lower than the high-level water or the water is drained out a buzzer will sound.
- Under Heat Mode, the water-pump will not work.

Drainage

- You can drain out the water through the drainage pipe available in the unit.
- Before you empty the unit you will need to turn the unit off and pull the plug out of the power supply.
- Open the red accessories door, place a container under the pipe then pull out the plug so the water can flow down to the container (Fig. 8).
- After draining replace the plug into the end of the pipe, close the accessories door, plug in and restart the unit.
- Alternatively you can continuously drain the unit by connecting a 13mm PVC tube (not provided) to the units inner water-drainage pipe.
- In very humid conditions to avoid the unit from shutting down when the water tank is full the unit can also be continuously drained.



Important!

The water is only gravity drained therefore the tube must lay lower and drain at a lower level than the outlet tube at the rear of the air conditioner.

It is recommended that you do not move the unit around without firstly draining the internal tank. If water is left in the unit then it may spill out onto the floor or carpet.

Maintenance

Cleaning

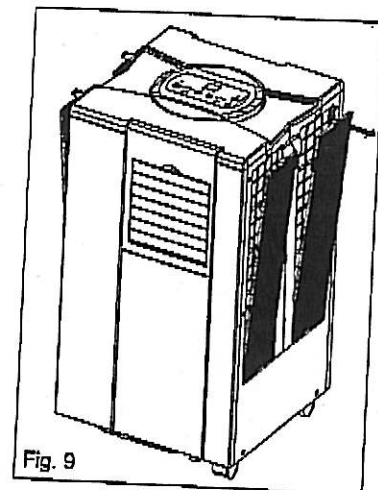
Turn off the unit and pull the plug out of the socket before cleaning.

1. Clean the surface

- Clean the surface of the unit with a duster or a damp soft cloth.
- Do not use chemical solvent like benzene, alcohol, gasoline and etc, or the surface may be damaged or even deformed.

2. Clean the air filter

- The air filter should be cleaned every two weeks
- If the air filter is blocked with dust the efficiency of the unit will be reduced.
- To clean the air filters
 - 1) Pull out the air filters (Fig.9).
 - 2) Wash the air filter by immersing it gently in warm water (under 40°C or 104°F) with neutral detergent.
 - 3) Rinse the filter and dry it in a shaded place.
 - 4) Push the air filter back into the original position.



End Of Season

1. Pull out the plug from the drain mouth and remove the water from the drain pan. You can remove the water entirely by slanting the unit back. Setting the fan mode, then press the Fan button for 5 seconds until the lower fan works. After that, operate the unit in fan mode for half a day until the pipe is dry. In this way the inside of the unit can be dried.
2. Switch off the unit and disconnect the plug from the power supply.
3. Tie the cable with string.
4. Remove the exhaust duct and keep stored in a safe dry place.
5. Wrap the unit with the plastic bag, and keep it in a dry place.
6. Take the batteries out of the remote control and keep in a dry place.
7. Store all accessories in the accessory storage section located behind the red panel.

Trouble Shooting

Before contacting a professional please read the following troubleshooting guide.

Issue	Reason	Solution
The unit does not work	No power supply	Check it is plugged in properly, turn the power-on and turn on the unit.
	Water-full indicator illuminate	Drain out the inner stored water
	Timer function is active	Cancel timer function by turning the unit off
The unit does not seem to perform	In direct sunlight	Draw the curtains
	Windows/doors open, many people or a heat source in the room	Close windows/doors
	Filter is very dirty	Clean or change the air filter
	Air inlet or air outlet is blocked	Clear out the stemming
	Room temperature is lower than setting temperature	Change the setting temperature
The unit noise is high	The unit is not put on flat place	Put the unit on flat and hard place(reduce noise)
Compressor doesn't work	Heat-exceeded protection is active	Re-start the unit 3 minutes later when the unit has cooled down.
The unit starts and stops frequently	Is the voltage normal?	Turn off the unit if the voltage is abnormal.
	Is the exhaust tube attached correctly or is it bent.	Set the exhaust tube correctly.
	Have you added an extra exhaust tube	Remove the extra tube.
Remote control doesn't work	The distance is too far	Use the remote control closer to the unit and make sure it aims at the air-outlet grille.
	Control panel hasn't received the signal from remote control.	
	The batteries run out.	Change the batteries.

Dimplex

24 Months Repair / Replacement Guarantee

Hagemeyer guarantees this product against defects caused by faulty workmanship and materials for 24 months domestic use (12 months commercial use) from the date of purchase. During this guarantee period, Hagemeyer will repair or replace any defective product. However, if the product includes a number of accessories, only the defective product or accessory will be replaced.

Hagemeyer reserves the right to make minor repairs instead of replacing the product or accessory.

In the event of a product or accessory being replaced during the guarantee period, the guarantee on the replacement will expire 24 months from the original purchase date. This guarantee excludes defects caused by the product not being used in accordance with instructions, accidental damage, misuse or being tampered with by unauthorised persons.

All costs of installation, removal, cartage, freight travelling expenses and insurance are to be paid by the claimant. Should you experience any difficulties with your appliance you should firstly contact Dimplex Customer Care for advice.

Please retain your receipt as proof of purchase. Every request for guarantee service must be accompanied by proof of purchase.

For any information on your Dimplex product please call our Customer Care line 1300 739 033.

Be sure to attach your proof of purchase to this card and present with the appliance if replacement is required.

Product. _____

Model. _____

Date of Purchase. _____

Purchase from (name and address of retailer) _____

Please complete the above for your own records.

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