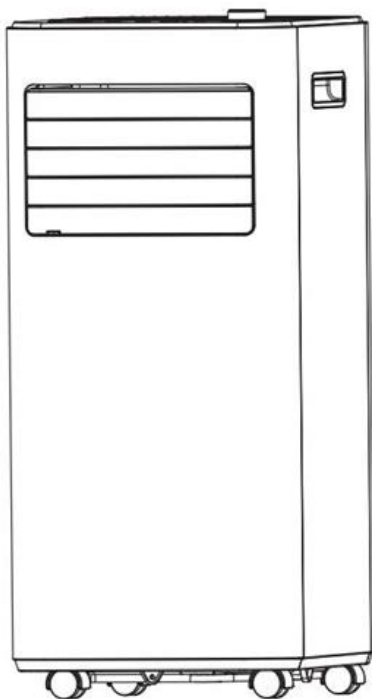


PORTABLE AIR CONDITIONER



TEMPERATURE
16-32°C

LED
DIGITAL DISPLAY

FAN SPEEDS
TWO

TIMER
1-24 HOURS



Thank you for purchasing this NETTA product.

Please read the user manual carefully before operating this appliance.

We will update our instruction manuals if necessary.

For the most up-to-date user manual, please visit our official website: www.nettadirect.com.

You can download a copy of up to date user manuals at any time in electronic format. We do not supply you with a paper-based user manual after each revision.

**Require a larger version of this
Instruction Manual?**

Please download electronically from our website and use PDF reader on your device to enlarge the text if needed.

www.nettadirect.com

Before You Begin

Intended Use

This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.

Regular Check-Ups

Ensure the power cable and plug are not damaged before plugging into a socket.

General Warnings

- The unit is designed only for use with R-290 (propane) gas as the designated refrigerant.
- The refrigerant loop is sealed. Only a qualified technician should attempt to service!
- 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.
- Do not discharge the refrigerant into the atmosphere.
- R-290 (propane) is flammable and heavier than air.
- It collects first in low areas but can be circulated by the fans.
- If propane gas is present or even suspected, do not allow untrained personnel to attempt to find the cause.
- The propane gas used in the unit has no odour.
- The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all persons from the store, ventilate the room and contact the local fire department to advise them that a propane leak has occurred.
- Do not let any persons back into the room until the qualified service technician has arrived and that technician advises that it is safe to return to the room.
- No open flames, cigarettes or other possible sources of ignition should be used inside or in the vicinity of the units.
- Component parts are designed for propane and non-incentive and non-sparking. Component parts shall only be replaced with identical repair parts.

For Your Safety

- If the supply cord is damaged, it must be replaced by the manufacturer.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- Always use a power outlet that is grounded.
- Unplug the power cord when cleaning or when not in use.
- Do not operate with wet hands. Prevent water from spilling onto the unit.
- Do not immerse or expose the unit to rain, moisture, or any other liquid.
- Do not leave the unit running unattended. Do not tilt or turn over the unit.
- Do not unplug while the unit is operating.
- Do not unplug by pulling on the power cord.
- Do not use an extension cord or an adapter plug.
- Do not put objects on the unit.
- Do not climb or sit on the unit.
- Do not insert fingers or other objects into the air outlet.
- Do not touch the air inlet or the aluminum fins of the unit.
- Do not operate the unit if it is dropped, damaged or showing signs of product malfunction.

- Do not clean the appliance with any chemicals.
- Ensure the unit is far away from fire, inflammable, or explosive objects.
- The unit shall be installed in accordance with national wiring regulations.
- Do not piece or burn, even after use.
- Pipework shall be protected from physical damage and shall not be installed in an unventilated space, if that space is smaller than 10m².
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

SAFETY PRECAUTIONS ON SERVICING

Please follow these warnings when to undertake the following when servicing an appliance with R290.

Checks to the Area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

Work Procedure

Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapor being present while the work is being performed.

General Work Area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

Checking for Presence of Refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. no sparking, adequately sealed or intrinsically safe.

Presence of Fire Extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.

No Ignition Sources

No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal,

during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. “No Smoking” signs shall be displayed.

Ventilated Area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

Checks to the Refrigeration Equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times, the manufacturer’s maintenance and service guidelines shall be followed. If in doubt consult the manufacturer’s technical department for assistance.

The following checks shall be applied to installations using flammable refrigerants:

- The charge size is in accordance with the room size within which the refrigerant containing parts are installed.
- The ventilation machinery and outlets are operating adequately and are not obstructed.
- If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant.
- Markings on the equipment continue to be visible and legible. Markings and signs that are illegible shall be corrected.
- Refrigeration pipes or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

Checks to Electrical Devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment, so all parties are advised.

Initial safety checks shall include:

- The capacitors are discharged. This shall be done in a safe manner to avoid possibility of sparking.
- That there are no exposed live electrical components or wires while charging, recovering, or purging the system.
- That there is continuity of earth bonding.



WARNING!

Install the unit in rooms which exceed 7m². (for model OL-BKY20-A010GT)

Install the unit in rooms which exceed 9m². (for model OL-BKY26-A010GT)

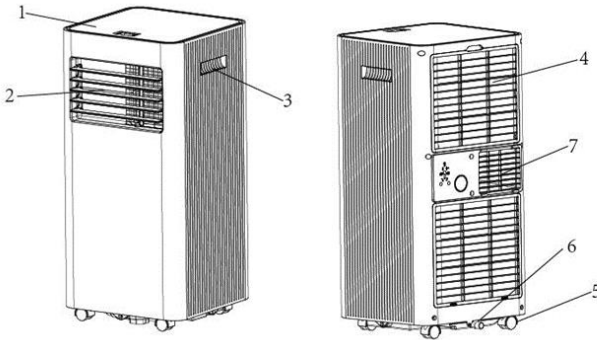
Do not install the unit in a place where inflammable gas may leak.



NOTE!

The manufacture may provide other suitable example or may provide additional information about the refrigerant odour.

Assembling the Product



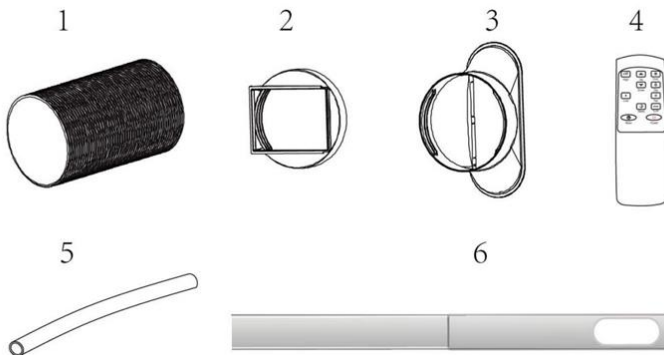
1. Control Panel
2. Air Vent with Adjustable Louver
3. Handle
4. Air Inlet with Air Filter
5. Caster
6. Drainage Hole
7. Air Exhaust.

Note: The appearance is only for reference. Please see the real product for detailed information.

Unpacking

Unpack the carton and take the appliance and accessories out.

Check the device after unpacking for any damage or scratches.



1. Exhaust Hose
2. Hose Connector
3. Window Kit Adaptor
4. Remote Control
5. Water Pipe
6. Window Kit

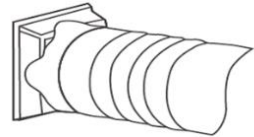
Choose Your Location

- If tipped more than 45 degrees, allow the unit to sit upright for at least 24 hours before starting up.
- Place the unit on a firm, level surface in an area with at least 50cm of free space around it to allow proper air circulation.
- Do not operate in close proximity to walls, curtains, or any other objects that may block the air inlet or outlet. Keep the air inlet and outlet free of obstacles.
- Keep away from heat sources, direct sunlight, vibration, and dust.
- Install the unit in rooms larger than 10m².
- Do not install the unit in a place where inflammable gas may leak.

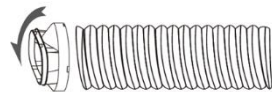
Attach the Exhaust Hose

This air conditioner requires being vented outside so that the exhaust air can escape the room. Do not replace or extend the exhaust hose as this will result in decreased efficiency or possibly shut down the unit due to low back pressure.

1. Connect the hose connector to one end of the exhaust hose.



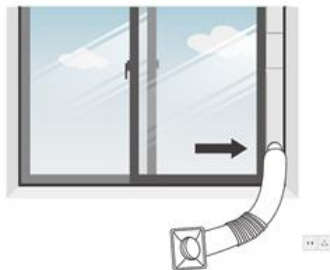
2. Connect the window kit adapter to the other end of the exhaust hose.



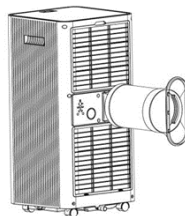
3. Extend the adjustable window kit to the length of your window. Connect the exhaust hose to the window kit.



4. Close your window to secure the kit in place. It needs to hold the window kit firmly in place – secure the window kit with duct tape if required. It is recommended that the gap between the adapter and the sides of the window should be sealed off for maximum efficiency.



5. Attach the hose connector to the exhaust air outlet of the unit.



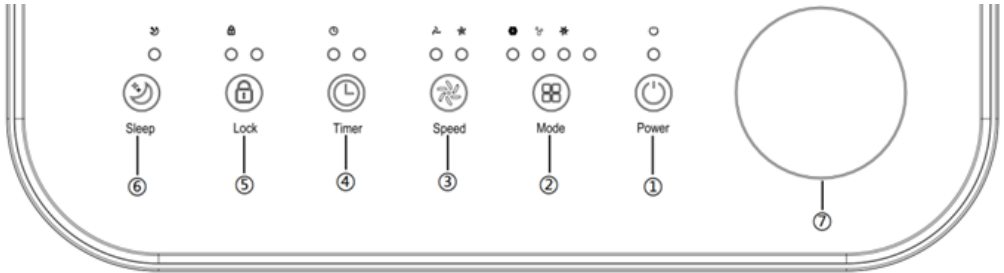
6. Adjust the length of the flexible exhaust hose and avoid bends in the hose. Then place AC near an electrical outlet.



7. Adjust the louver at the air outlet, and then switch on the unit.

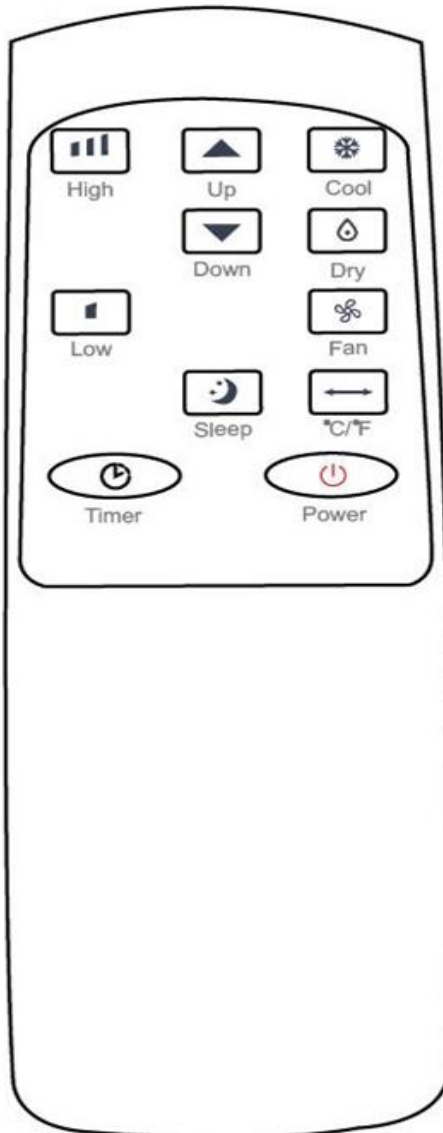
Operating the Product

Control Panel and Display



1	POWER	Press to switch the machine on or off.
2	MODE	Press to switch the operation mode among cool, dry, fan.
3	SPEED	Press to switch the fan speed between HIGH and LOW
4	TIMER	Sets a time for the unit to automatically start or stop.
5	LOCK	Long press to turn on/off the child lock function
6	SLEEP	Press to turn on/off sleep mode.
7	KNOB	Turn left and right to adjust the temperature (16-32°C) or timer setting.

Remote Control



Settings

Start Up and Shutdown

- Press 'POWER' to turn the unit on.
- Press 'MODE' button to select the desired operation mode.
- Press 'POWER' again to turn off the power.

Operation Mode

- The unit has four operation modes: Cool, Dry, Fan and Sleep.

Cooling Your Room

- Select the 'COOL' mode to lower the temperature in your room.
- Press the 'MODE' button repeatedly until the LED of 'COOL' lights up or select 'Cool' on the remote control.
- Press the 'UP/DOWN' button to adjust the temperature which is displayed on the screen. The temperature can be set between 16°C and 32°C.
- Press the 'SPEED' button on the appliance or the 'High' and 'Low' buttons on the remote control to select your desired fan speed setting.
- To control the direction of the air flow horizontally, please adjust the inner louver by hand.
- Note: The air conditioner stops if the room temperature is lower than the selected temperature.

Ventilating Your Room

- Press the 'MODE' button repeatedly until the LED of 'FAN' lights up or press 'Fan' on the remote control
- In ventilation mode, the room air is circulated, but not cooled.
- Press the 'SPEED' button or the 'High' and 'Low' buttons on the remote control to select the fan speed as desired.

Drying Your Room

- Press the 'MODE' button on the control panel until the LED of 'DRY' lights up or press 'Dry' on the remote control. The user should connect the hose to the drain outlet at the bottom of the unit.
- Note: In this mode, the fan speed switches over to low speed and cannot be changed.

Sleep Mode

- Sleep mode can be activated when in cool mode.
- In 'COOL' mode: After one hour, the pre-set temperature will increase by 1°C. After another hour, the pre-set temperature will again be increased by 1°C.

Timer (1-24 hour)

- To turn off (when power on) – Press the 'TIMER' key to turn on the timer function – Press 'UP/DOWN' to select your desired time. The timer can be set at 1h increments.
- To turn on (when power off) – Press the 'TIMER' key to turn on the timer function – Press 'UP/DOWN' to select your desired time. The timer can be set at 1h increments. When the delay has elapsed, the unit will switch on.
- To cancel the timer – Press 'UP/DOWN' repeatedly until the LED shows '00'. Note: Pressing the power button will remove any previous timer settings.

Overload Protection

- In the event of a power loss, to protect the compressor, there is a 3-minute delay until the compressor restarts.

Automatic Defrost

- At low room temperatures, frost may build-up in the evaporator during operation. The unit will automatically start defrosting and the 'POWER' LED will start blinking. The defrost control sequence is as follows:
 - A. When the unit operates in 'COOL' mode, the ambient temperature sensor will sense when the evaporator coil temperature is below -1°C . After this, the compressor will stop operating for 10 minutes or until the coil temperature rises by 7°C , then the unit will return to the 'COOL' operating mode.
 - B. When the unit operates in 'DRY' mode, the coil temperature sensor will sense when the temperature of the evaporator is below 40°C and the differential temperature between the coil and the room is below 19°C . The unit will then start defrosting for 5 minutes and the 'POWER' LED will start blinking.

Drainage

Manual Drainage

1. When the machine stops after the water is full, unplug the device.
2. Place the water container below the water outlet behind the body.
3. Unplug the water plug and the water will automatically flow into the water container.

Notes:

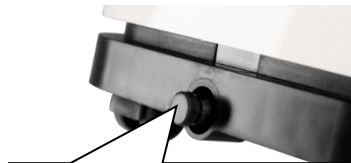
When moving the machine, do it carefully as to not spill the water in the water pan at the bottom of the body. During drainage, the machine can be tilted slightly backwards.

If the water container cannot hold all the water, before it is full, plug the water outlet as soon as possible to prevent water from flowing onto the floor. Only restart the machine once the water plug has been reinserted, otherwise water from the machine may flow onto the floor.

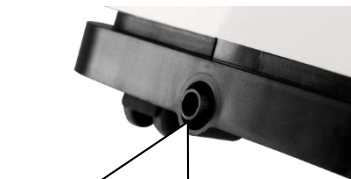
Continuous Drainage

- The self-evaporating system uses the collected water to cool the condenser coils for a more efficient performance. There is no need to empty the drainage tank in 'COOL' mode. Only in 'DRY' mode or in high-humidity conditions. The condensed water evaporates at the condenser and evacuated through the exhaust hose.
- For continuous operation or unattended operation (in 'DRY' or 'HEAT' mode), please connect the attached drain hose to the unit. Condensed water can automatically flow into a bucket or drain.

- Switch off the unit before operating.
- Remove the plug of the water outlet opening and keep it in safe area.
- Securely and properly connect the drain hose and make sure it is not kinked and is clear of obstruction.
- Place the outlet of the hose over a drain or bucket and ensure that water can freely flow out of the unit.
- Do not submerge the end of hose into water; otherwise it can cause "Air Lock" in the hose.



Remove the rubber sealing plug.



Continuous drain hose

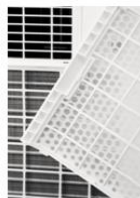
To avoid water spillage:

- As the negative pressure of condensation drain pan is large, tilt the drain hose downward toward the floor. It is appropriate that the degree of inclination should exceed 20 degrees.
- Straighten the hose to avoid knots in the hose.

Cleaning, Maintenance and Storage

Cleaning The Air Filter

- The air filter should be cleaned every 2 weeks.
 - Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and, if it becomes blocked, can damage the unit.
 - The air filter is removable for easy cleaning. Do not operate the unit without an air filter or the evaporator may become contaminated.
1. Press the 'POWER' button to switch off the unit and unplug the power cord.
 2. Remove the mesh filter from the unit.
 3. Use a vacuum cleaner to suck dust from the filter.
 4. Turn the filter over and rinse the air filter under running water. Let the water run through the filter in the opposite direction of the air flow. Set aside and allow the filter to air dry completely before reinstalling.



Pic1. Switch off the unit and remove the two air filters.



Pic2. Rinse the air filter under running water.

Cleaning Up Refrigerant

1. Gas/Vapour is heavier than air. It may accumulate in confined spaces, particularly at or below ground level.
2. Eliminate every possible source of ignition.
3. Use appropriate personal protection equipment (PPE).
4. Evacuate unnecessary personnel and ventilate the area.
5. Do not get in eyes, on skin, or on clothing. Do not breathe vapours or gas.
6. Prevent entry to the sewers or public waters.
7. Stop the source of the release if safe to do so. Consider the use of water spray to disperse vapours.
8. Isolate the area until the gas has disappeared. Ventilate and gas test the area before re-entering. Contact the relevant authorities after a spill.

Troubleshooting

Symptom	Inspection	Solution
The unit is not operating.	✓ Check the power connection in securely.	➤ Insert the power cord securely into the wall outlet.
	✓ Check if the water level indicator lights up.	➤ Empty the drain pan by remove the rubber plug.
	✓ Check the room temperature.	➤ The range of operating temperature is 5-35°C.

The unit works with reduced capacity.	✓ Check the air filter for dirt.	➤ Clean the air filter as necessary.	
	✓ Check if the air duct is blocked.	➤ To clear the obstacle.	
	✓ Check if the room door or window is open.	➤ Keep the door and windows closed.	
	✓ Check if the desired operating mode is selected and the temperature is properly set.	➤ Set the mode and temperature at proper set-point according to the manual.	
	✓ The exhaust hose is detached.	➤ Make sure the exhaust hose is securely attached.	
Water Leakage	✓ Overflow while moving the unit.	➤ Empty the water tank before transport.	
	✓ Check if the drain hose is kinked or bends.	➤ Straighten the hose to avoid a trap existing.	
Excessive Noise	✓ Check if the unit is securely positioned.	➤ Place the unit on horizontal and firm ground.	
	✓ Check if any loose, vibrating parts.	➤ Secure and tight the parts.	
	✓ Noise sounds like water flowing.	➤ Noise comes from flowing refrigerant. This is normal.	
Error Codes	E 0	✓ Communication faults between main PCB and display PCB.	➤ Check the wire harness of the display PCB for damage.
	E 1	✓ Ambient temperature sensor failure.	➤ Check connection or replace it. To clean or replace the temperature sensor.
	E 2	✓ Coil temperature sensor failures.	➤ Check connection or replace it. To clean or replace the temperature sensor.
	Ft	✓ Condensate water high level alarm.	➤ Empty the drain pan by removal the rubber plug.

Long-Term Storage

If you will not be using the unit for an extended period of time (more than a few weeks), it is best to clean the unit and dry it completely. Please store the unit as follows:

1. Unplug the unit and remove the exhaust hose and window kit. Store these with the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Re-install the filter in its original position.
5. The unit must be kept in upright position when in storage.
6. Store the machine indoors in a dry and well-ventilated area.

ATTENTION:

The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and mould.

Unplug the unit and place it in a dry open area for days to dry it out.

Another way to dry the unit is turn on the machine, adjust it to low-wind ventilation mode, and maintain this state until the drainage pipe becomes dry, so as to keep the inside of the body in a dry state and prevent it from mildewing.



WARNING!

Releasing refrigerant into the atmosphere is strictly forbidden.

Spare Parts and Repairs

To order replacement parts, please go to www.nettadirect.com/parts.

You will need PDC information from your product, user manual or carton box. Alternatively, go to our website and use search bar to find the parts available.

You can also find this code on the [back of this User Manual](#).

For our Repair Service, please contact our customer support with email on support@nettadirect.com they will provide with more details of repair service with NETTA.

Disposal of Product

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

DISPOSAL:

Please dispose of this product responsibly. This item cannot be disposed of with general waste. Please contact your local council authority for more information on how to dispose this product. If this product is disposed of with general waste, it will end up in a landfill and will leak hazardous substances into the groundwater – affecting our food chain.



Your Warranty

If you purchased with NETTADIRECT, or one of our authorised resellers, you will automatically enrol your warranty for 1 (ONE) year. You do not need to register again for your warranty. All warranties will be carry out our terms and conditions include warranty conditions you will find out from our website at www.nettadirect.com.

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Product Dependency Code (PDC)

Your PDC is below:

PDC: OL-BKY20-A010GT / OL-BKY26-A010GT
SKU: 104117 / 104118

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