

Model Number	NCA-1-G-15-INV4.0
Supply Voltage/Freq.	220-240V / ~50-60Hz
Rated Power	1350W / 1500W
Class	I
IP	1P24

IMPORTANT SAFETY CAUTIONS

- Read ALL the instructions before using this product.
- Check that the heater and all supplied accessories are present and in tact.
- Always check your mains supply is the same as indicated on the product before connecting.
- Always disconnect the heater from the electrical supply before carrying out cleaning or maintenance. To disconnect the heater, switch controls to OFF then remove plug from the outlet.
- Always unplug the heater if it is going to be out of use for long periods of time.
- Never leave children unsupervised in a room where the fire is ON and unguarded.
- Never insert or force items into the grills on the heater.
- Do not use the heater near flammable or explosive materials.
- Do not use the heater if the casing, wire or plug are damaged.
- Avoid the use of an extension cord which may overheat and cause risk of fire. If an extension cord is necessary, it must be rated above the maximum rated power of the appliance.
- 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The heater must not be located immediately below a socket outlet.
- Children of less than 3 years should be kept away unless continuously supervised.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this heater if it has been dropped or if there are visible signs of damage.
- Fixed heaters are to be installed so that switches and other controls cannot be touched by a person in the bath or shower.

WARNING: In order to avoid overheating, DO NOT COVER THE HEATER.

CAUTION: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

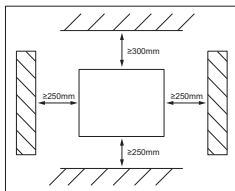
CAUTION: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.



INSTALLATION

Minimum Distances

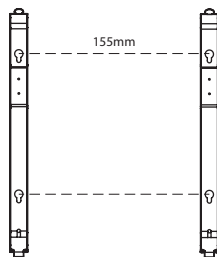
Please ensure the minimum distances from the floor, ceiling and walls are observed and adhered to.



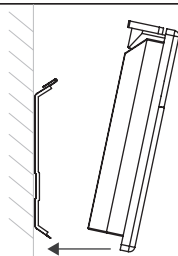
WALL-MOUNTED INSTALLATION

1. Using the included brackets as a template, drill the holes on the wall. Use a spirit level to ensure the brackets are straight.

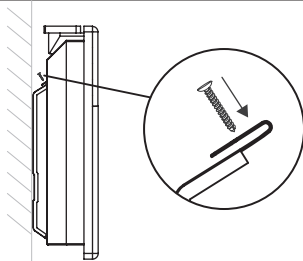
Fix them on the wall using the provided screws.



2. Place the radiator on the wall-mounted bracket according to the diagram shown (right), sliding the lower part in before the upper.



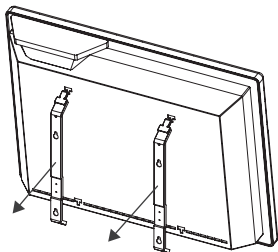
3. Attach two of the provided screws into the top of each bracket, as shown, to secure the radiator.



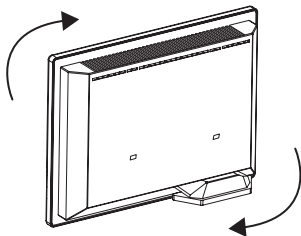
IMPORTANT: Before use, ensure the radiator is securely mounted to the wall.

FREE-STANDING INSTALLATION

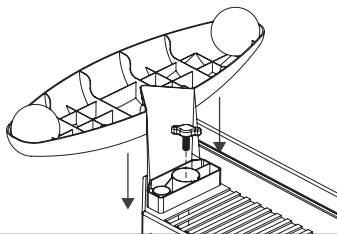
1. If previously installed, remove the brackets from the rear of the radiator using a cross-head screwdriver.



2. Turn the radiator upside-down, such that the display faces the floor.

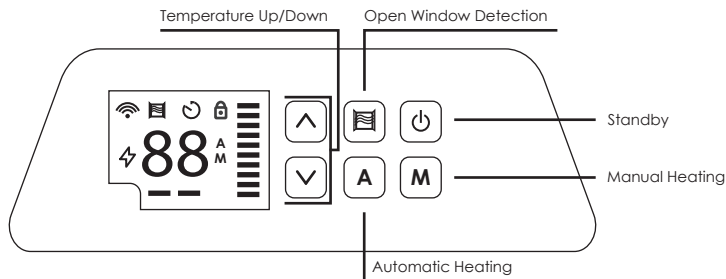


3. Line up the feet as shown (right) and use the provided 2x wingnuts to secure them to the radiator base.



IMPORTANT: Before use, ensure the feet are securely attached to the radiator.

LCD DISPLAY & CONTROL PANEL



ICONS

	Wi-Fi Status	A	Auto Heating Mode
	Open Window Detection	M	Manual Heating Mode
	Timer		Heating Level (1-10) Ranging from 10% to 100% power
	Child Lock		Temperature Mode Red - Comfort Green - Eco Blue - Anti-Frost
	Power Consumption Limitation	88	Target Temperature (°C)

OPERATION

Before use, switch the radiator on using the switch on the side.

Long press the Standby key for 3 seconds to turn the heater on or off.

Selecting Different Heating Modes

- Short press **A** to switch between different modes. You can select Comfort, ECO, or Anti-Frost.
- The selected mode will be indicated by the colour of the lights at the bottom of the display;
- **Red - Comfort (10-35°C)**
- **Green - Eco (6-31°C)**
- **Blue - Anti-Frost (5°C)**

Manual Heating Level

- Long press M to select manual heating mode.
- Press \wedge & \vee to select the desired temperature. The temperature will increment with each press, ranging from heat levels 1-10 on the display, with 1 bar representing 10% power and 10 bars representing 100% power.
- The temperature ranges from 5°C to 35°C.

Power Consumption Limitation

- Long press \wedge & ⏏ for 3 seconds to enable power consumption limitation.
- When the ⚡ is displayed, power consumption is limited to 50% to save energy.
- When the ⚡ is not displayed, no power limiter is applied.

Open Window Detection

If the device detects an open window, the device will automatically enter Anti-Frost ❄ mode.

- Short press ⏏ to enable Open Window Detection. The ⏏ icon will display on screen.
- Press A to select other modes, or press ⏏ again to cancel Open Window Detection.

Child Lock

- Long press \wedge & \vee for 3 seconds to activate Child Lock. The 🔒 icon will display on the screen. The buttons will lock.
- To deactivate Child Lock, long press \wedge & \vee again for 3 seconds.

WiFi Connection

- This product comes with a WiFi 📶 function. You can download the Tuya Smart app with the below QR code and register an account.



- Once the registration is complete, you can enable Wi-Fi connection by pressing \vee & ⏏ for 3 seconds. The WiFi 📶 icon will flash on the device's screen.
- In the Tuya Smart app, press + in the top right to add device.
- Follow the instructions shown on the app to connect your device.
- You can now use the Tuya Smart app on your phone to control the device.
- Note - While connected, the radiator will display a static Wi-Fi 📶 icon.

Timer

- A 24 hour turn-off timer can be set within the app only.

Weekly Schedule

- A weekly schedule can be set within the **app** only.
- Follow the steps within the Tuya Smart app to select desired heating times on a daily and hourly basis.

Note - a weekly schedule can not be set while anti-frost mode is enabled.

FACTORY SETTINGS / RESET

- The heater can be reset to factory settings, should any issues occur, by long pressing the \wedge & A buttons for 12 seconds.
- The Wi-Fi settings can be reset by long pressing \vee and ⏏ for 3 seconds.
- The default heating mode is comfort, and is set to 24°C.

Problem	Solution
The appliance does not heat	<ol style="list-style-type: none"> 1. Ensure that the circuit breakers are switched on the installation, or the shredder did not cut the power supply (if the installation has one). 2. Select the Comfort mode. 3. Increase the temperature setting.
The device heats permanently	<ol style="list-style-type: none"> 1. Ensure the device is not in a draft. 2. Reduce the temperature setting.
Display shows E1	Temperature sensor failure - contact customer support.
Display shows E2	Short circuit on the temperature sensor channel - contact customer support.
Display shows E3	Temperature sensor overheated - contact customer support.
Display shows E4	Ambient temperature has fallen below the permissible operating temperature - wait until room temperature exceeds -26°C before resuming use.

CARE & CLEANING

1. Before cleaning the appliance, switch off the power supply and wait until it is completely cooled.
2. Use a damp cloth to clean the housing of the device.
3. Clean grilles and air outlet regularly. Never immerse the appliance in water or allow water to enter the appliance.

TECHNICAL PARAMETERS

Item	Symbol	Value	Unit	Item	Unit		
Heat output				Type of heat input, for electric storage local space heaters only			
Nominal heat output	P_{nom}	1.5	kW	Manual heat charge control, with integrated thermostat	no		
Minimum heat output (indicative)	P_{min}	1.0	kW	Manual heat charge control with room and/or outdoor temperature feedback	no		
Maximum continuous heat output	$P_{max,c}$	1.5	kW	Electronic heat charge control with room and/or outdoor temperature feedback	no		
Auxiliary electricity consumption				Fan assisted heat output	no		
At Nominal Heat output	$e_{l,max}$	N/A	kW	Type of heat output/room temp control (select one)			
At minimum heat output	$e_{l,min}$	N/A	kW	Single stage heat output and no room temperature control	no		
In standby mode	$e_{l,sb}$	0.33	kW	Two or more manual stages, no room temperature control	no		
				With mechanic thermostat room temperature control	no		
				With electronic room temperature control	no		
				Electronic room temperature control plus day timer	no		
				Electronic room temperature control plus week timer	yes		
				Other control options (multiple selections possible)			
				Room temperature control, with presence detection	no		
				Room temperature control, with open window detection	yes		
				with distance control option	yes		
				with adaptive start control	no		
				with working time limitation	yes		
with black bulb sensor	no						

ENVIRONMENTAL PROTECTION

For electrical products sold within the European Community.

This appliance is labeled in accordance with European Directive 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE). Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



GUARANTEE

Please ensure that you retain your receipt which will act as both proof of purchase and a guarantee validation document.

Your product carries a 2 year guarantee from the date that the original purchaser receives it. If your product fails within the guarantee period please ensure that you have all necessary documentation available including proof of purchase (receipt or invoice with serial number, location and date of purchase) in addition to all original undamaged packaging and leaflets etc. It is strongly recommended that you inspect your product carefully before it is used or installed.

This product guarantee does not affect your statutory rights.



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