

HERSCHEL MANHATTAN 3000 Watts Wall and Ceiling mounted Infrared Heater

INSTALLATION & OPERATING INSTRUCTIONS



TECHNICAL INFORMATION:

Rated Power:	3000W at 220-240V
Power Settings:	1500W / 3000W with remote control. 3000W in remote by-pass mode
Heating Element:	2 x 1.5kW premium low glare heating lamps
Reflector:	Mirror Aluminium (98% reflection preventing rearward heat loss)
Dimensions:	104.5 x 15 x 8.5cm
Mounting position:	Wall or Ceiling
Warm-up time:	2 seconds
Peak wavelength:	0.8µm
Weight:	4.2kg
Warranty:	2 Years (excludes lamp & remote control)
Protection:	IP54
Remote:	24 hour timer, half power setting. 2 x AAA batteries

ELECTRICAL EQUIPMENT:



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.

IMPORTANT NOTICE TO PURCHASER:

Before using the product, you should determine its suitability for its intended use. HERSCHEL INFRARED LTD expressly disclaims implied warranties and conditions of merchantability and fitness for a particular purpose. In no case shall HERSCHEL INFRARED LTD be liable under any legal theory, including but not limited to contract or strict liability, for any direct, indirect special, incidental or consequential damages resulting from product use.



The product complies with the essential requirements of European Safety Standards Low Voltage Directive 2014/35/EC. Original instructions covering Manhattan 3000 Watt heaters produced 122019 onwards.

IMPORTANT SAFETY PRECAUTIONS

READ THESE INSTRUCTIONS CAREFULLY AND RETAIN FOR FUTURE REFERENCE.

Failure to observe these instructions will invalidate the warranty. No liability can be accepted for any damage caused by non-compliance with these instructions or through improper use or mishandling.

This unit may be a source of possible shock.

Do not disassemble. No user-serviceable parts inside.

Source of possible ignition.

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

1. Remove the unit from its packaging and check it to ensure it is in good condition before installing and operating.
2. Send the packaging to be recycled. **DO NOT** let children play with plastic bags or other parts of the packaging.
3. **CAUTION:** Risk of Electric shock
 - a. This appliance must be disconnected from its power source during installation or service activities and when replacing.
 - b. **DO NOT** use this heater in the immediate surroundings of a bath, shower or swimming pool or hot tub where it could fall into a container full of water.
 - c. Switches and other controls must not be within reach of a person in a bath, pool, hot tub or shower.
 - d. **DO NOT** touch this heater or its controls with wet hands.
 - e. **DO NOT** allow power cables to become immersed in water or other liquid.
 - f. **DO NOT** open or try to repair the heater yourself. Servicing should be performed by qualified personnel only.
4. In order to avoid overheating and potential fire hazard, **DO NOT** cover the heater under any circumstances. If the heater should become accidentally covered during operation, turn it off immediately and clear out any foreign objects that have covered the heater or become lodged in the grill.
5. The unit must be installed with a minimum clearance of 1800mm (71") to the floor and 300mm (12") clearance at the top and 400mm (16") to the sides of the heater.
6. **DO NOT** touch the heater when in use. Parts of the heater may exceed 200°C / 392°F during operation. Contact with the heater during operation may cause severe burns. Do not touch the heater during or for 10 minutes after operation.
7. **DO NOT** use the heater if the power cord is damaged. This must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
8. **DO NOT** use the heater to ignite materials. **DO NOT** operate in locations containing gasoline, flammable liquids or other volatile substances.
9. **DO NOT** install this heater near, or pointing towards flammable objects within 1 metre or where curtains, towels or other flammable items can be blown onto the heater.
10. This heater must only be used for the heating of people outdoors or indoors in an unenclosed space. The MANHATTAN is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, regardless of whether they have been given instruction or are under supervision. Children should be kept away and should not be left unsupervised around the unit.
11. All operators shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not plug in, switch on or regulate the appliance or perform user maintenance including cleaning.
12. **DO NOT** leave the heater operating unattended.
13. **NEVER** place hands under the heating element during operation.
14. **IMPORTANT:** Ensure supply voltage does not exceed 245 Volts.

SAVE THESE INSTRUCTIONS.

WATER INGRESS PROTECTION:

Herschel MANHATTAN is rated to a standard IP54 (splashproof), however when used outdoors it must be installed in a covered area to give maximum protection and longevity against the effects of driving rain, wind, frost, salt and water contamination, etc. Herschel MANHATTAN is not intended for installation in locations that are permanently wet or humid.

Installation in areas such as outdoor bathrooms, pools or hot tub areas must be carried out by a suitably qualified installer and comply with local electrical safety requirements.

If in doubt, do not install. Herschel Infrared Ltd shall not be liable for any loss, damage or injury caused or resulting from inadequate fitting or incorrect placement of heaters close to water sources.

ELECTRICAL INFORMATION:

The Herschel MANHATTAN is not supplied with a plug and is only intended for connection to the fixed wiring. Installation must only be carried out by competent persons or a qualified electrician according to national regulations and the unit must be earthed. The electrical supply to the unit should be provided by connecting to a current protection device suitable for the electrical rating of the unit in accordance with Table 1 and providing disconnection in both poles. All fixed wiring must have sufficient capacity to carry the current required by the heater. All connections and switches intended for use outdoors must have an appropriate water ingress protection. Herschel recommends you use a Type C circuit breaker to handle the initial current when the heater is switched on.

Table 1. Electrical Specification

Model	MANHATTAN 3000
Voltage	220 – 240V
Rated Power	3000 Watts
Current	12.5-13.7 Amps
Breaker	Type C recommended
Frequency	50 Hz
Cable Colour	Brown, Blue, Yellow/Green

The mounting position of the unit must ensure that any mechanical damage to the flexible cable is unlikely. Excess cable should be secured and must not touch hot parts of the heater and should not encroach into the heated area. Do not allow the cable to act as a conduit for water into the cable gland on the back of the heater.

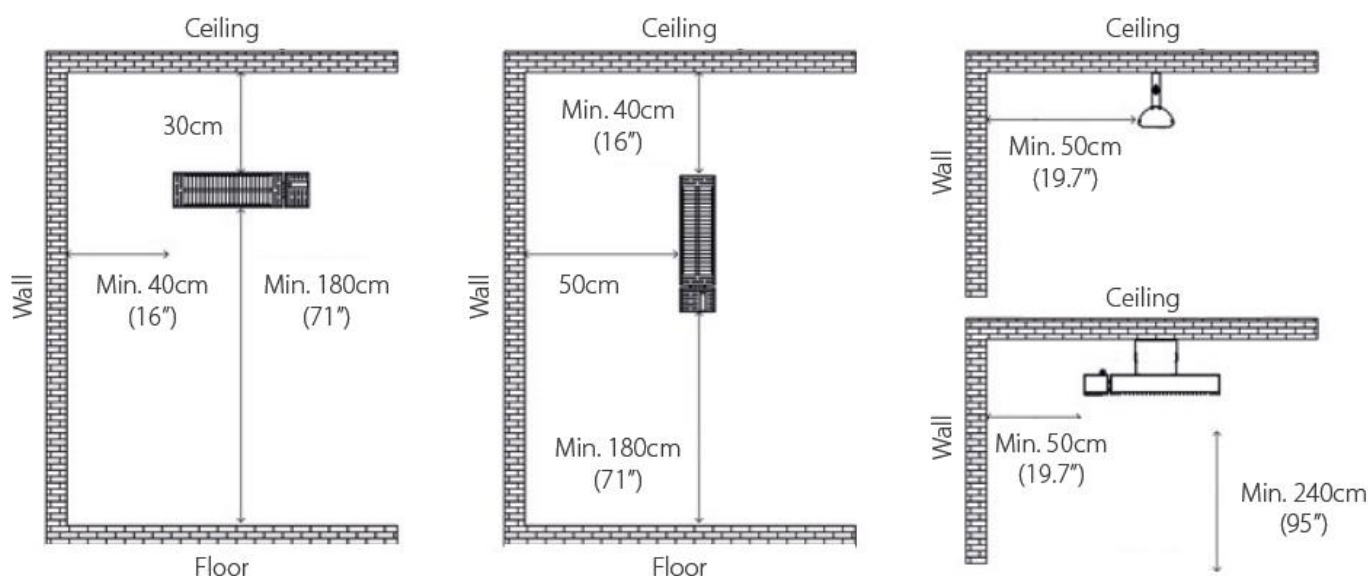
Colour coding used in the supplied mains cable:

BROWN wire is to be connected to LIVE ('L'), the BLUE wire to NEUTRAL ('N') and the GREEN/YELLOW wire to EARTH ('E').

MOUNTING POSITION:

The Herschel MANHATTAN is a shortwave infrared heater characterised by a strong beam of heat suited for use in colder areas or areas that may be subject to light winds, whilst still maintaining heating effectiveness. When used outdoors or other areas with air movement/wind, the directional Infrared spread may reduce by 1/3 to 1/2 from published figures.

Ensure distances are maintained from the nearest wall or ceiling according to your installation, as shown:



For all installations, the MANHATTAN must be located in a position to allow proper and efficient use but one that ensures hot parts are not touched accidentally. The minimum installation height of the MANHATTAN above the floor is 1.8m (71") when wall mounted and 2.4m (95") when ceiling mounted. Under no circumstances is the unit to be installed at less than 1.8m (71") from the floor. Consideration should be given to any temporary or occasional structures such as stages or platforms and adjusted accordingly.

HANDLING WHILE INSTALLING:

Take care while installing to avoid touching the grill on the front of the heater. Be sure to wipe away any finger marks from the heater before the heater is first switched on, since the oils in fingerprints can burn and cause rapid discolouration of certain parts.

⚠ CAUTION:

- Ensure mains power is OFF and the unit is cool before commencing installation.
- The supplied mains cable must not contact the top surface of the heater during operation.
- Heater must not be located immediately above or below a socket outlet. Electrical connections must be made outside of the footprint of the unit to avoid heat build-up in the connection.
- Joists, beams and rafters shall not be cut or notched to install the appliance.
- This heater is not intended for recessed installation.
- The identification mark and model reference should be visible after installation.
- The fixed wiring insulation coming into contact with parts with a temperature rise of greater than 50°C must be protected, for example, by sleeving having an appropriate temperature rating.
- Ensure that wires are properly secured and cannot be pulled by small children.

INSTALLATION

Figure 1. Installation hardware and positioning

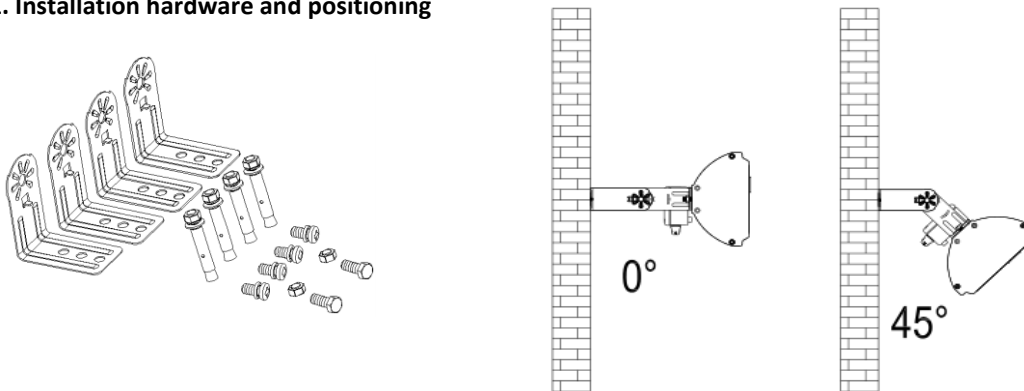
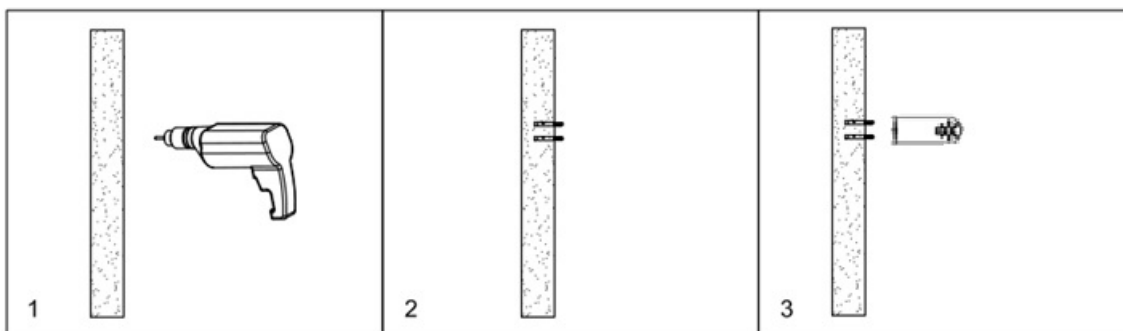


Figure 2. Fixing the brackets



INITIAL USE:

The power switch on the side of the MANHATTAN has 3 positions:

- Position O (Off)
- Position I (Remote bypass)
- Position II (Remote control).

⚠ CAUTION: The power switch may become unintentionally switched to position I (Remote Bypass) during unpacking and installation. To avoid any possibility of burns, ensure the power switch is in the OFF position (marked **O** on the switch) before switching on mains power.

Position I. To bypass the remote control, turn the switch on the heater to position I. When the switch is in this position the heater will turn on or off depending on whether it has power to it. The remote control unit will not control the heater when the switch is in position I. Use this where you wish to hard wire the heater to a switching device such as a push button timer or thermostat.

Position II. To use the heater with the remote control, ensure the switch of the heater is switched to position II.

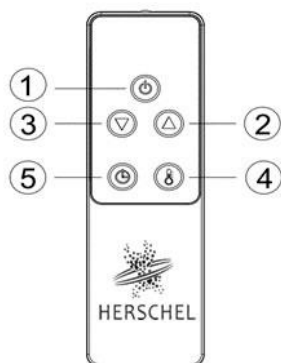
Insert 2 x AAA Alkaline batteries into the remote control.

The remote control operates the heater remotely on or off with adjustable heat level and timer described below. All Herschel remote controls have the same frequency, so it is possible to control several heaters with just one remote.

There may be odour or vapour from the heater on initial use or if it has not been used for an extended period. This is normal.

OPERATION BY REMOTE CONTROLLER:

The heater may be operated from the remote control supplied.



Remote Control Function			
Button	Function (Heater On)	Function (Heater Off)	LED Display on Heater
1	Turns heater on or off		
2	Increase Heat Level or Timer hours	Turns heater on to Level 1 (minimum)	L1 50%
3	Decrease Heat Level or Timer Hours	Turns heater on to Level 2 (Maximum)	L2 100%
4	Enable Heat Level adjustment		L [n]
5	Enable Timer adjustment	0 - 24	[0H] - [24H]

EXTENDED USE:

Over time the grill may discolour due to high temperatures, airborne contaminants and fingerprints.

Discolouration will not affect the performance or safety of the heater and is not a condition for warranty replacement.

USER MAINTENANCE:

Avoid touching the front grill on the front of the heater and be sure to wipe off fingerprints from these parts.

Avoid touching a cold lamp with your fingers. Always wipe off finger marks if you accidentally touch the lamp. Residue from fingerprints can cause hot spots on the lamp surface and shorten the life of the lamp.

The heater may be wiped-down with a soft damp cloth. Do not use abrasive detergents to clean the unit. **DO NOT** use alcohol, petrol, abrasive cleaners, furniture polish or rough brushes to clean the MANHATTAN. This will cause deterioration to the surface of the heater.

Changing the lamp should only be carried out by suitably qualified personnel.

DISPOSAL:

This heater is an electrical product and must not be disposed of in household waste. A high percentage of the heater can be recycled. Please treat as electrical waste and recycle in accordance with local regulations.

WARRANTY:



Register your product here:

<https://www.herschel-infrared.com/customer-service/warranty-registration/>

The Herschel MANHATTAN is guaranteed against failure due to faulty materials or workmanship for two years from date of purchase excluding the lamp and remote control. In the unlikely event of failure of the unit within this time, the unit must be returned to the supplier for repair or replacement. The guarantee is invalid if the correct installation instructions as given in this leaflet have not been adhered to. Refer to Herschel Infrared Ltd's warranty policy for full details. See <https://www.herschel-infrared.com>. Note your serial number for future reference: