Original instructions

Relax Glass Compact



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Technical specifications

Relax Glass Compact IP65

	Heat output [W]	Voltage [V]	Installation alternatives	Min. installation height [m]	Max. filament temperature [°C]	WxHxD [mm]
IHRGC20BB65	2000	230-240V~, 50-60Hz	Wall/Ceiling	2,1	2100	722x110x139

EN: Heat output
SE: Värmeeffekt
NO: Varmeeffekt
DE: Heizleistung
RU: Тепловая мощность
FR: Puissance
ES: Potencia calorífica
NL: Verwarmingscapaciteit
PL: Moc grzewcza
IT: Potenza termica
FI: Lämmitys teho
DK: Varmeydelse

EN: Voltage
SE: Spänning
NO: Spenning
DE: Spannung
RU: Напряжение
FR: Tension
ES: Tensión
NL: Voltage
PL: Napięcie
IT: Tensione
FI: Jännite
DK: Spænding

EN: Installation alternatives
SE: Installationsalternativ
NO: Installasjonsalternativer
DE: Installationsalternativen
RU: Альтернативные варианты установки
FR: Autres installations possibles
ES: Alternativas de instalación
NL: Alternatieven voor installatie
PL: Opcje instalacji
IT: Alternative di installazione
FI: Asennusvaihtoehtoja
DK: Installationsalternativer

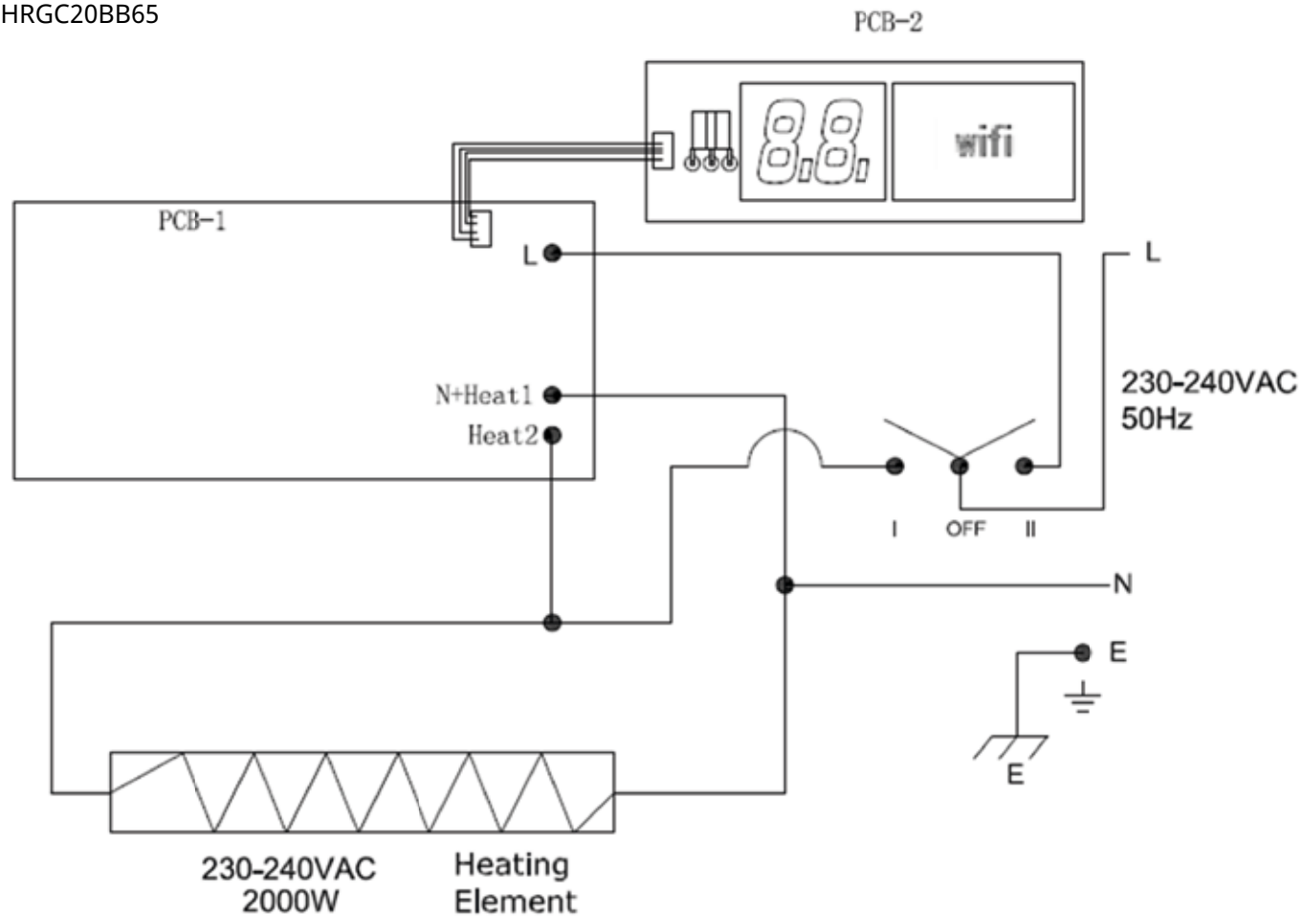
EN: Wall/Ceiling
SE: Vägg/Tak
NO: Vegg/Tak
DE: Wand/Decke
RU: Стена/Потолок
FR: Mur/Plafond
ES: Pared/Techo
NL: Muur/Plafond
PL: Ściana/Sufit
IT: Muro/Soffitto
FI: Seinä/Katto
DK: Væg/Loft

EN: Wall
SE: Vägg
NO: Vegg
DE: Wand
RU: Стена
FR: Mur
ES: Pared
NL: Muur
PL: Ściana
IT: Muro
FI: Seinä
DK: Væg

EN: Min. installation height
SE: Min. installationshöjd
NO: Min. installasjonshøyde
DE: Min. Montagehöhe
RU: Мин. высота установки
FR: Hauteur d’installation minimale
ES: Altura mínima de instalación
NL: Min. installatiehoogte
PL: Min. wysokość montażu
IT: Aaltezza minima di installazione
FI: Min. asennuskorkeus
DK: Min. installationshøjde

Schaltbild - Wiring diagrams - Schémas de raccordement - Schemi elettrici - Esquemas del cableado - Bedradingsschema’s – Kopplingsschema – Koblingsskjemaer – Koblingsskema – Kytkentäkaaviot - Schematy połączeń - Электросхемы

IHRGC20BB65



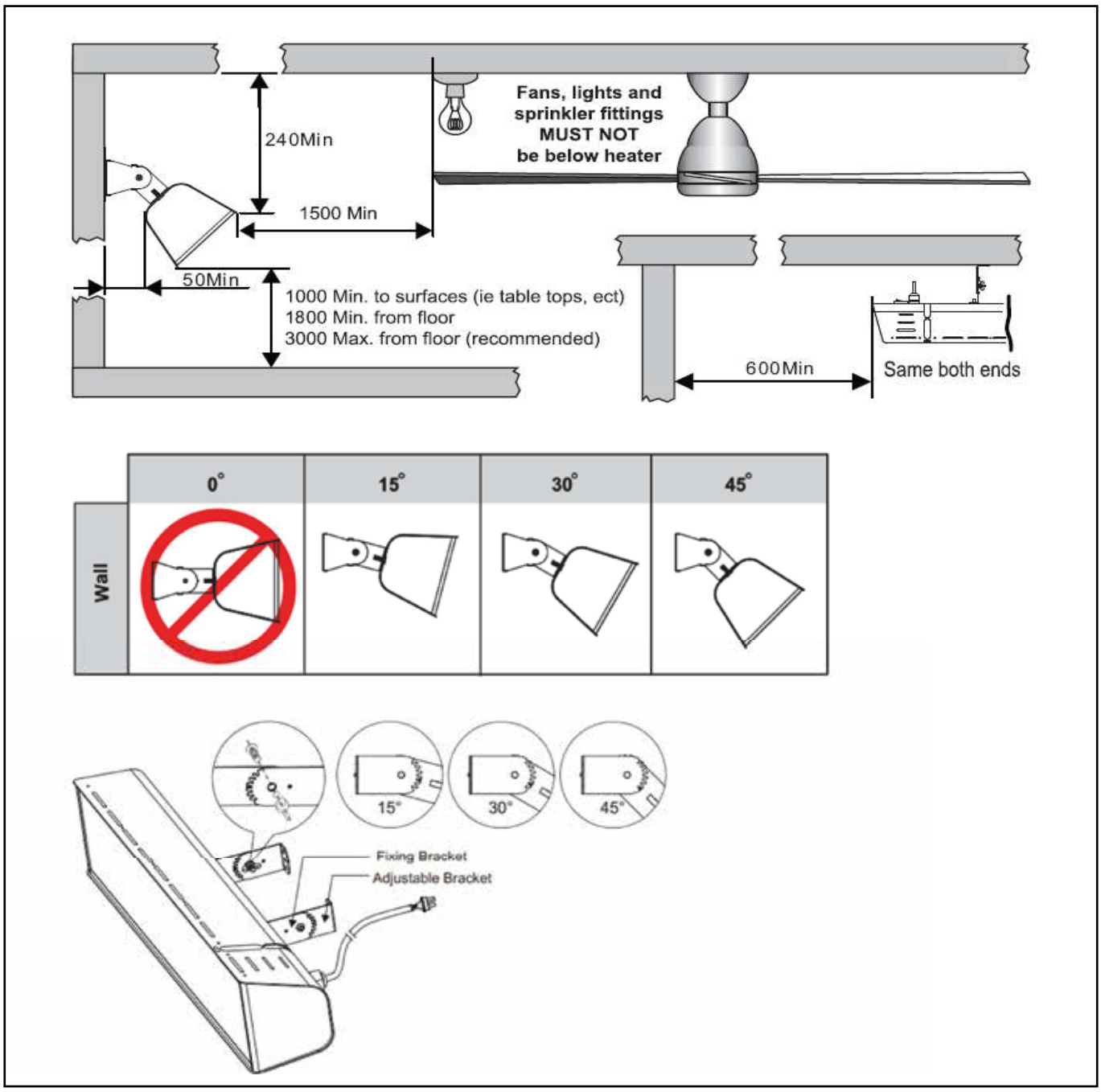

240Min
1500 Min
50Min
Fans, lights and sprinkler fittings MUST NOT be below heater
1000 Min. to surfaces (ie table tops, ect)
1800 Min. from floor
3000 Max. from floor (recommended)
600Min
Same both ends
0°
15°
30°
45°
Wall
15°
30°
45°
Fixing Bracket
Adjustable Bracket

Fig. 1

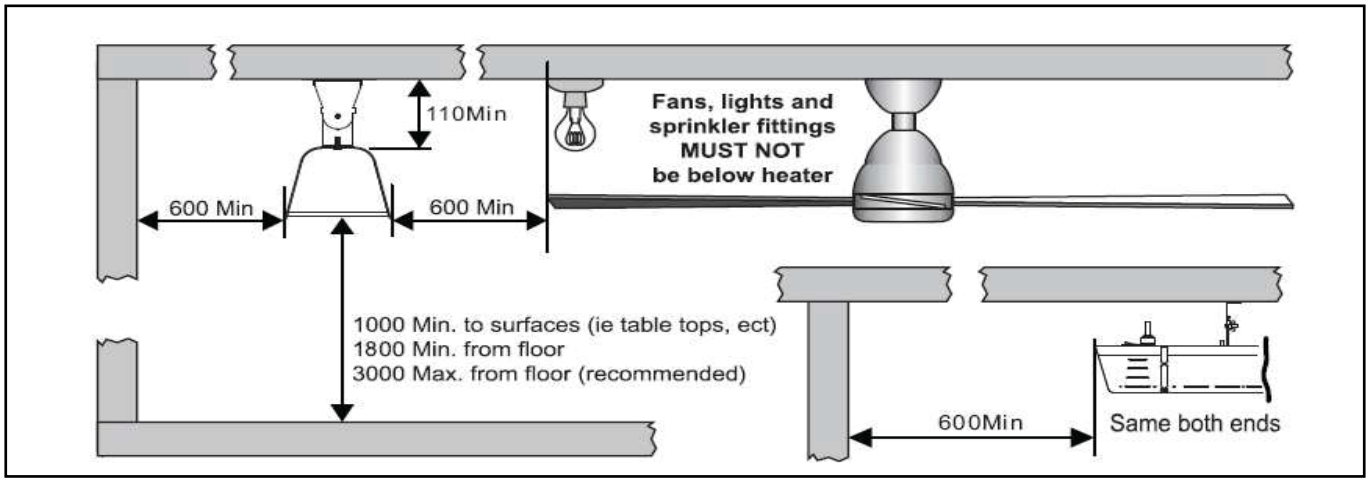

110Min
600 Min
600 Min
Fans, lights and sprinkler fittings MUST NOT be below heater
1000 Min. to surfaces (ie table tops, ect)
1800 Min. from floor
3000 Max. from floor (recommended)
600Min
Same both ends

Fig. 2

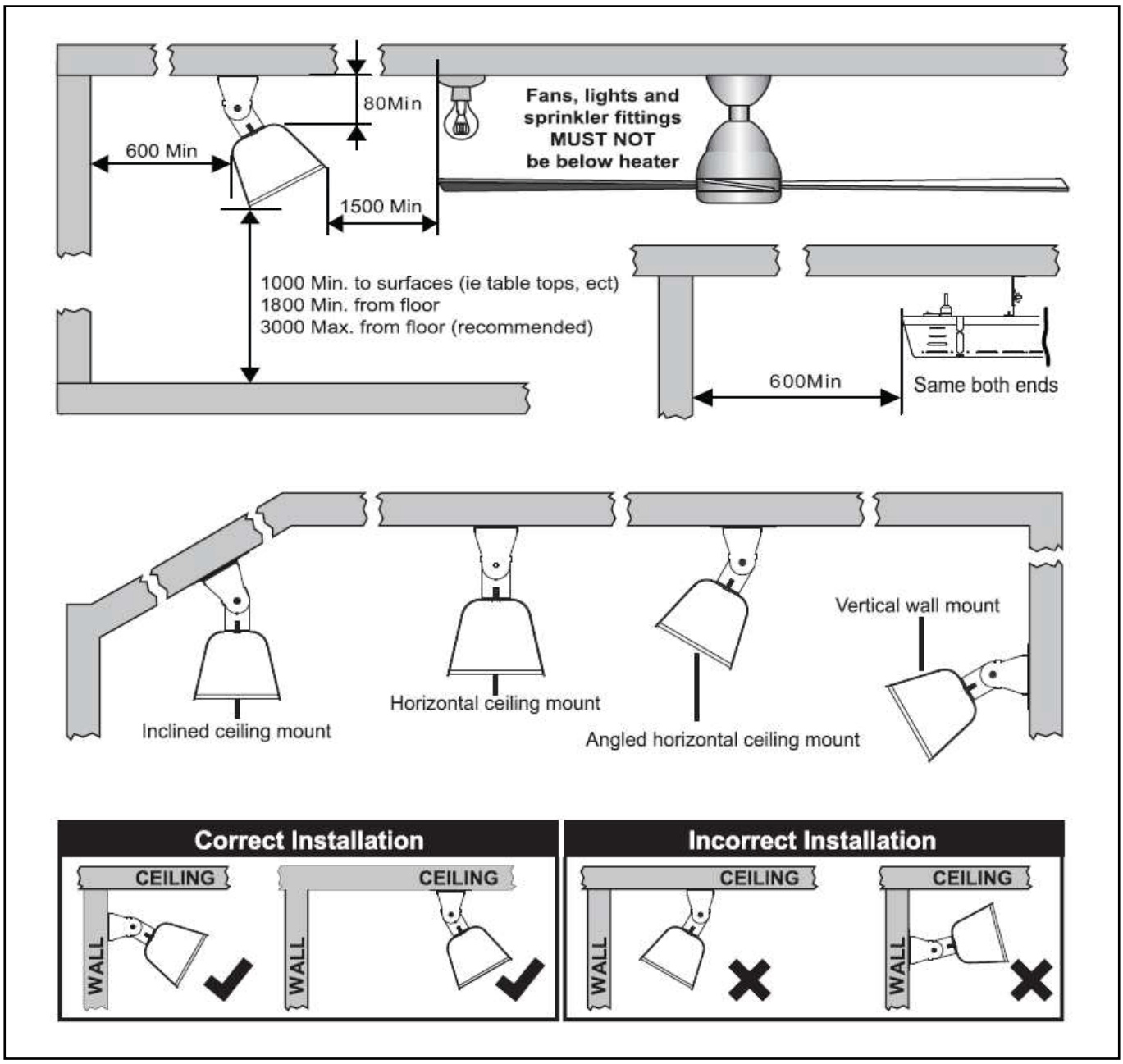
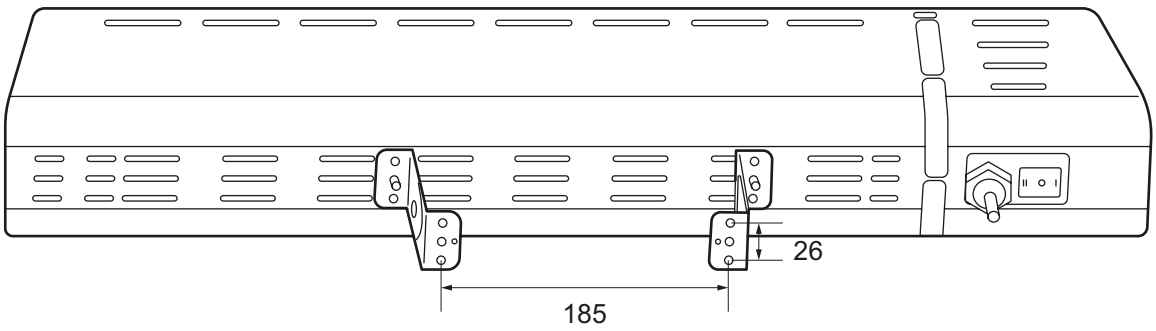
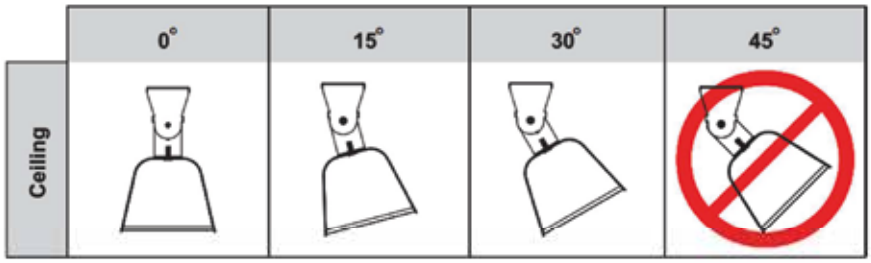

80Min
600 Min
1500 Min
Fans, lights and sprinkler fittings MUST NOT be below heater
1000 Min. to surfaces (ie table tops, ect)
1800 Min. from floor
3000 Max. from floor (recommended)
600Min
Same both ends
Inclined ceiling mount
Horizontal ceiling mount
Angled horizontal ceiling mount
Vertical wall mount
Correct Installation
Incorrect Installation
CEILING
WALL

Fig. 3


26
185


0°
15°
30°
45°
Ceiling

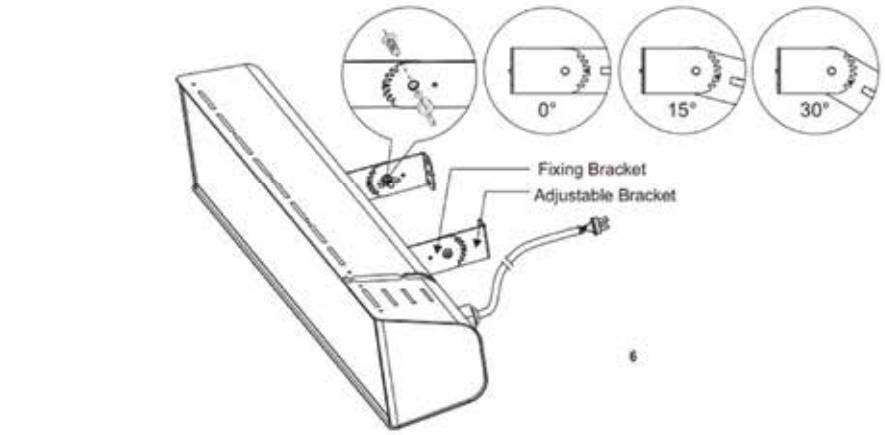

0°
15°
30°
Fixing Bracket
Adjustable Bracket

Fig. 4

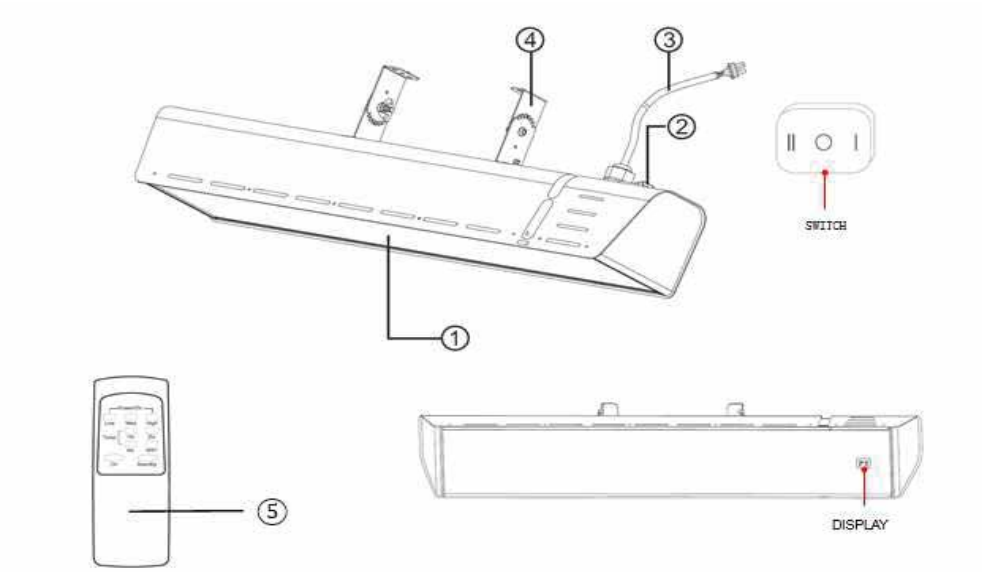

4
3
2
1
SWITCH
5
DISPLAY

Fig. 5



Fig. 6A



Fig. 6B



Fig. 6C

Fig. 6



Fig. 7A



Fig. 7B



Fig. 7C

Fig. 7

Fig. 8

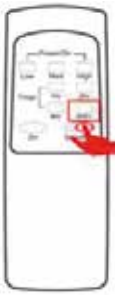


Fig. 9



Fig. 10





Fig. 11



Fig. 12

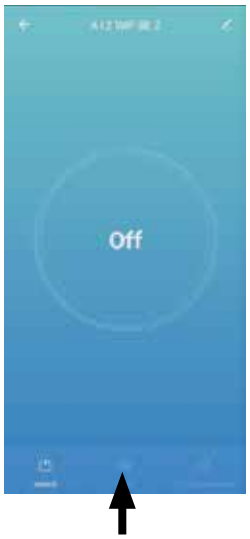


Fig. 13





Fig. 14



Fig. 15



Installation and operating instructions

IMPORTANT INFORMATION

Please carefully read the Operation Manual before using the infrared heater. This Operation Manual contains important information on your safety, as well as some recommendations on proper use of the appliance and its maintenance.

Keep the Operation Manual along with the warranty certificate, sales receipt, and, if possible, cardboard package and packing material. The instructions for use are part of the device and must be kept carefully! In the event of a change of ownership, the instruction must also be handed over!

The purchased infrared may somewhat differ from one described in the manual, but this does not affect the methods of use and operation. Important precautions and instructions given in this manual do not include all possible modes and situations, which can be encountered.

The manufacturer emphasizes that this device should be used in a responsible manner and that all procedures, warnings and safety instructions contained in this brochure should be strictly followed.

INTENDED USE:

Outdoor heating.

WHAT'S IN THE BOX:

- Heater fitted with flexible cord and plug
- Installation and operating instructions
- One small bag containing 2 sets of brackets
- One remote controller

IMPORTANT INFORMATION

Read the instruction before using. During use of the infrared heater, it is necessary to observe some precautions. Improper operation with disregard of precautions may result in infliction of harm to health of the user and other people, as well as in infliction of damage to their property.

- Use only the voltage specified on the rating plate of the heater.
- ONLY connect the appliance to a properly installed socket-outlet with earth contact.
- The heater should be connected to the electric mains equipped with an automatic circuit breaker.
- NOTE! The male connection plug must only be connected to a female plug of the same technical characteristics as the male plug in question.
- The unit must be handled with care. Avoid vibration or hitting.
- WARNING! Fire risk exists if the heater is covered by or positioned close to curtains or other combustible materials.
- Do not use the appliance areas where gasoline, paint or other flammable liquids are used or stored.
- Do not use the appliance in particularly dusty and explosive areas.
- Do not use the appliance in a building site, green house and barn or in animal stables where there's flammable dust.
- Do not use the appliance as a sauna heater.
- Do not use this unit in the place of animal propagating and rising.
- WARNING! Do not touch the radiating plate. Temperature of radiating boards during operation of the heater may reach 380 °C. To avoid burns, do not touch the appliance surface by hand and other body parts. It is also necessary to avoid touching the heater whilst the appliance is switched on, as severe burns may result. The appliance can take up to 1 hour to cool down after switching it off.
- Do not place any items of clothing, hand towels or similar over the heater to dry. Risk of overheating and fire hazard.
- Do not leave the heater unattended whilst in use.
- Do not use this heater on a wet surface, or where it can fall or be pushed into water.
- Do not reach for an appliance that has fallen into water. Switch off at supply and unplug immediately.
- 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.
- If the heater is defective, it must be checked and repaired by the manufacturer, its service agent or similarly qualified persons for repair.
- Do not operate appliance with wet hands.
- Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- Do not use abrasive cleaning products on this appliance. Clean with a damp cloth (not

wet) rinsed in hot soapy water only. Always remove plug from the mains supply before cleaning.
- The heater must be installed at least 1.8 m above the floor, when the heater is wall-mounted.
- If the heater is to be mounted on an incline (eg. sloping or angled ceiling), ensure the electrical connection is located at that lowest point of the heater.
- The heater must not be located immediately below a socket-outlet. The heater must not be located in front of a socket outlet. They should be located outside the physical footprint of the units to minimize heat build-up behind the heater.
- The installation must be equipped with an all-pole disconnection mechanism with a break contact distance of at least 3 mm. The all-pole disconnection mechanism must be installed at a height of less than 1.8 m from the floor.
- The heater is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.
- The socket must be accessible at all times so that the plug can be removed quickly.
- Do not connect the appliance to the mains source until it has been installed in its final location and adjusted to the position it will be used in.
- Do not operate with the cord coiled up as this could cause a buildup of heat, which could pose a hazard.
- The use of an extension cord with this appliance is not recommended.
- Do not allow cord to come in contact with heated surfaces during operation.
- Do not run cord under carpeting, throw rugs or runners etc. Arrange cord away from areas where it is likely to be tripped over.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years 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 aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- 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. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The appliance is only intended for the purpose described in user manual.
- Do not use appliance or any part of the appliance out of the intended use to avoid risk.
- The manufacturer is not liable for damage that may result from improper use.
- The use of attachments which are not recommended or sold by the appliance manufacturer may cause a risk of injury to persons.
- 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.
- WARNING! This heater is not equipped with a device to control the room temperature. This heater is to be used in open, alfresco environment or large areas with high ceilings. The heater must not be within reach from the floor, as severe burns may occur due to high surface temperatures. Do not use this heater in small rooms or where the room or area is occupied by persons not capable of leaving the room on their own,and persons who are unable to operate the heater safely and with the guidelines of the use manual, unless constant supervision is provided.
- Do not use the heater when the glass panel is damaged.
- Let the device cool down before you carry it, store it or adjust the swivel angle to avoid burns.

NOTE:
After switching on the appliance for the first time and following extended periods on nonuse, the appliance may expel a slight odor for a short time. It will not affect the use of the heater.

To exclude unpleasant burnt odor, it is recommended to keep the heater clean preventing accumulation of dust.

INSTALLATION

Wall-mounted installation. (Fig 1)

Safety distances required (in mm).
ATTENTION: The appliance must only be operated in a horizontal position with max ±5° slope. Never install the appliance on a combustible surface (plastics, nylon, carton etc.). Install the device at a minimum distance of 1.8 m above the ground, 0.5 m from walls, 0.2 m from the ceiling, 1.5 m from the combustibles like curtains and 1 m from persons or animals.

Ceiling suspension installation

Minimum distances for installation parallel to the ceiling. Safety distances required (in mm). Fig. 2.

Minimum distances for installation at an angle to the ceiling. Safety distances required (in mm). Fig 3.

Installation for wall and ceiling mounting: (Fig 4)

1. Install the fixing bracket on the wall/ ceiling by 4 screws ST5 x 35mm* and 4 plastic anchors*
2. Select the desired angle. Insert the slot of the adjustable bracket on the stop of the fixing bracket
3. Lock the fixing bracket and the adjustable bracket by 2 pcs M6x16 Philips bolt and wing nut

* not supplied

HOW TO OPERATE (Fig 5)
General design layout:

1. Ceramic glass panel Schott Nextrema®
2. ON/OFF main power switch
3. Power cord and plug
4. Brackets for wall or ceiling mounting
5. Remote control

MECHANICAL CONTROL MODE: Connect the heater to a 230-240V~ 50-60Hz power outlet. Set the rocker switch to the position I: The heater starts to work at high level and no symbol is indicated on the display. CAUTION: WIFI and REMOTE CONTROL cannot work in this position.

POWER OFF MODE: Connect the heater to a 230-240V~ 50-60Hz power outlet. Set the rocker switch to the position O: The heater is power off.

Operation by the APP or REMOTE CONTROL: Connect the heater to a 230-240V~ 50-60Hz power outlet. Set the rocker switch to the position II, the heater will begin in Standby mode. At this stage the symbol - - will be flashing to indicate the unit is in standby mode.

Operation instructions using the App

STEP 1: Link the smartphone to the heater
Download the App “Tuya Smart” or “Smart Life” from the App Store and follow the steps below to link the heater to the App.

1. Click the + Fig 6A
2. Manually add Small Home Appliances Fig 6B
3. Choose Heater (Other) Fig 6C
4. Choose Configure Fig 6C
5. Press the WiFi button on the remote control for 5 seconds. This will reset the unit to WiFi ready and enable it to link to the smartphone
6. The FI symbol will flash at a frequency of twice a second for 3 minutes, and link the smartphone to the heater during this period
7. Otherwise, the FI symbol will flash at a frequency of once a second for 2 minutes straight afterwards. The smartphone cannot link to the heater during this period, and Standby mode - - will flash. In this case, press the WiFi button on the remote control for 5 seconds. This will reset the unit to WiFi ready, for linking to the smartphone
8. When the FI symbol flashes at a frequency of twice a second, follow the next steps in the App. Fig 7.

- Only select a 2.4 GHz WiFi network Fig 7A
- Fill in the username and password Fig 7B
- Click NEXT Fig 7C

CAUTION
When the heater is linked to one smartphone and no further operation is on, the FI symbol will be indicated on the display without flashing.
If the connection fails, please check whether the connection is properly processed when the FI symbol was flashing at a frequency of twice a second for 3 minutes.
If the connection fails, please check if the WiFi signal is strong or not. The heater and the smartphone should be as close as possible to the WiFi router.

In case of failure, please Reset or Activate the WiFi. Press the WiFi button on the remote control for 5 seconds. This will reset the unit to WiFi ready, for linking to the smartphone. Fig 8.

- Relink the smartphone and the heater again
- When the smartphone connects the heater to the WiFi successfully, please click the DONE button to enter the main menu Fig 9

- Click the Remove Device icon. This will remove the device from the smartphone Fig 10

STEP 2: Operating the heater via App
- Click the Switch icon. This will switch the heater ON at full power and the symbol "P5" will be displayed Fig 11.
- Click the GEAR icon. This will switch the heater to a different power level Fig 12
  Level 1: 33% of the rated power. P1 will be displayed
  Level 2: 50% of the rated power. P2 will be displayed
  Level 3: 66% of the rated power. P3 will be displayed
  Level 4: 80% of the rated power. P4 will be displayed
  Level 5: 100% of the rated power P5 will be displayed
- SET THE TIMER: Click the Countdown timer icon and select the desired time, from 1 hour to a maximum of 13 hours. The corresponding number will be indicated on the display Fig 13
- CANCEL THE TIMER: If you want to cancel the timer, click the Cancel icon Fig 14

CAUTION: The set level of power and remaining time will be indicated in sequence on the display. The unit will be in Standby mode.
CAUTION: If the timer is not triggered, a built-in safety feature will automatically trigger the heater to switch to Standby mode after eight (8) hours of continuous operation.

STEP 3: Reset or Activate the WiFi
Press the WIFI button on the remote control for 5 seconds. This will reset the unit to Standby mode, ready to link to the smartphone.

CAUTION: After resetting the unit, the connected smartphone will be removed from the WiFi module. Please relink the smartphone to the unit, as per the instructions.

Operation instructions using a remote control

Connect the heater to a 230-240V~ 50-60Hz power outlet. Set the rocker switch to position II and the heater will begin in Standby mode. It does not matter if the heater is linked to a smartphone or not; the remote control can operate the device. Fig 15.

CAUTION: The distance between the heater and the remote control should be less than 3 metres, and the remote control must point directly at the receiver.

Press the ON key on the remote control. The heater will begin to run at high power (P3). Press the LOW, MED and HIGH buttons on the remote control and the heater will switch to Low, Medium or High power. The symbols P1, P2 and P3 will be indicated on the display zone:
P1: 33% of the rated power.
P2: 66% of the rated power.
P3: 100% of the rated power.

Timer function

The heater comes with a programmable timer that will automatically place the heater in Standby mode after 1, 2, 3, 4 hours etc. up to a maximum of 7 hours of operation.

To activate the timer, point the remote control directly at the receiver (heater) and press the 1hr button. 01 will be indicated on the display zone, as shown here. This will trigger the heater to automatically go to Standby mode after 1 hour of operation. Once in Standby mode, the - - symbol will flash.

To set the timer for 7 hours, point the remote control directly at the receiver (heater) and press 1 2 4 on the remote control immediately

one after the other. The number 7 will be indicated on the display. This will trigger the heater to automatically go to Standby mode after 7 hours of operation. Once in Standby mode, the - - symbol will flash.

ATTENTION:
During the running time of the timer, the number on the display indicates the remaining time, for example, if a 7-hour timer is triggered, the display will show “5”, which means 2 hours are left.
During the running time of the timer, the display will alternately show the working power and the remaining time.

Deactivate or reprogram the timer
If the timer is activated and you press the same button again on the remote control, a second amount of time will be reprogrammed or disabled by the timer.

Example 1
If you activate the 7-hour timer by pressing the 1 2 4 buttons and then press 1 2 a second time, the timer will be reprogrammed to (7-1) = 6 hours. If you press the 2 button afterwards, the timer will be reprogrammed to (7-2) =5 hours. If you press several other keys in sequence, the timer can be reset to 0, the heater goes into Standby mode and the - - symbol will flash.

Example 2
A 6-hour timer is set by pressing the 2 4 button. When you press the 2 button, the timer is set to 6-2 = 4 hours. Press the 4 button straight afterwards to set the timer to 0. The heater goes into Standby mode and the - - symbol will flash.

CAUTION:
After eight (8) hours of continuous operation, and if the timer is not triggered, a built-in safety feature will automatically trigger the heater to Standby mode. When this happens, the - - symbol will flash to indicate the unit is in Standby mode.

Cleaning

- Disconnect the appliance from the power supply system.
- After the appliance has cooled down, the housing can be wiped dry.
- Do not touch the bulb element with your fingers as stains can build up from this kind of contact.
- The reflector should be cleaned regularly by professionals.
- Do not use any abrasive or caustic cleaning agents.
- Warning: never immerse the appliance in water! You risk a severe electrical shock or possibly death.

MAINTENANCE

Any maintenance or repairs including replacing the bulb element should only be carried out by a qualified electrician.

Packaging

Packaging materials are chosen with consideration to environment and are therefore recyclable.

Handling of product at end of working life



The symbol left implies this product may contain substances necessary for functionality of product but potentially dangerous for the environment. The product should not be disposed mixed with general household waste but delivered to a designated collection point for environmental recycling. Please contact local authority for further details of your nearest designated collection point.

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2025-06-10 HH