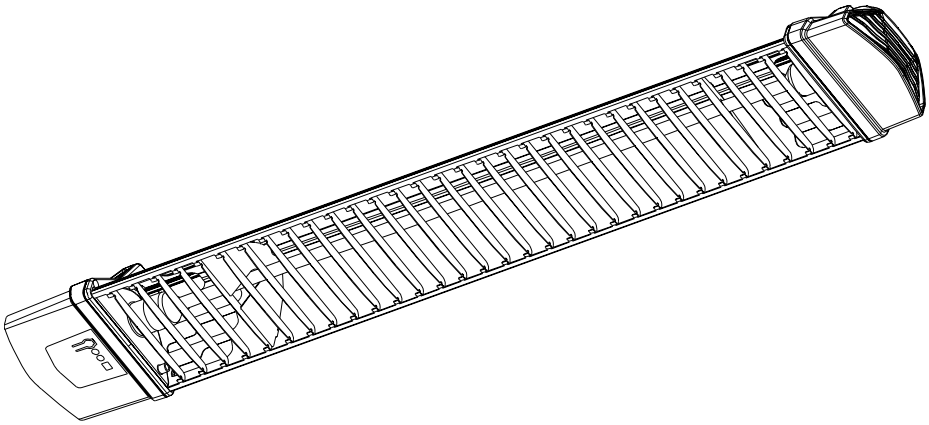
Original instructions

Infraflex



EN 7

SE ... 10

NO ...13

FR ... 16

DE ... 19

NL ... 22

ES ... 25

IT ... 28

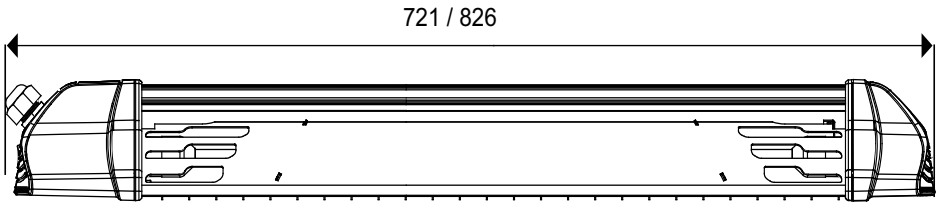
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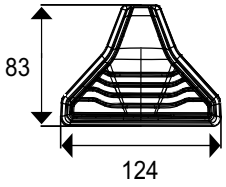
RU ... 34

FI ... 37

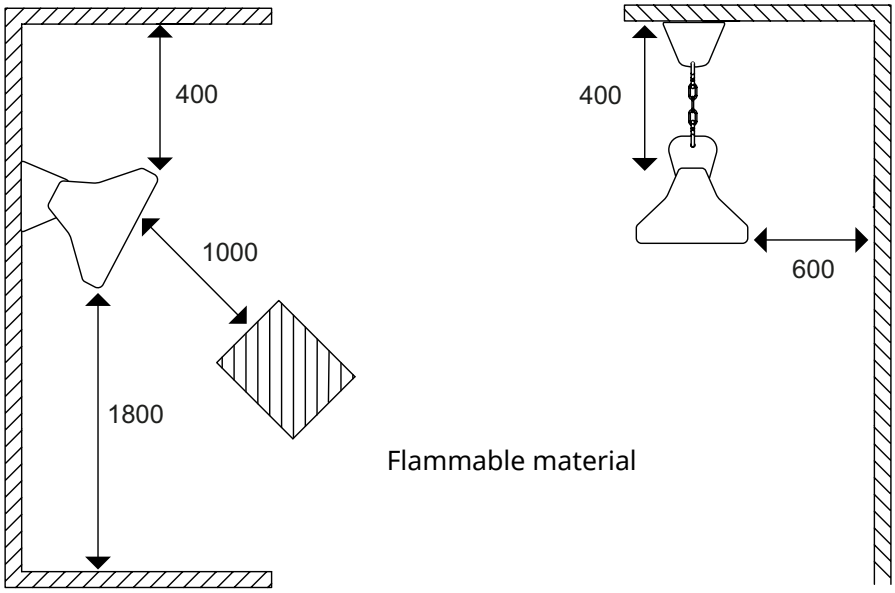
DK ... 40

INF12/18





Minimum distances



SE: Minimiavstånd, Brännbart material
NO: Minsteavstand, Brennbart materiale
FR: Distances minimales, Matériau inflammable
DE: Mindestabstand, Entflammbares Material
NL: Minimale afstand, Brandbaar materiaal
ES: Distancias mínimas, Material inflamable
IT: Distanze minime, Materiali infiammabili
PL: Minimalne odległości, Materiał łatwopalny
RU: Минимальные расстояния при установке, Легковоспламеняемые материалы
FI: Minimietäisyydet, Tulenarka materiaali
DK: Minimumsafstande, Brændbart materiale

Positioning

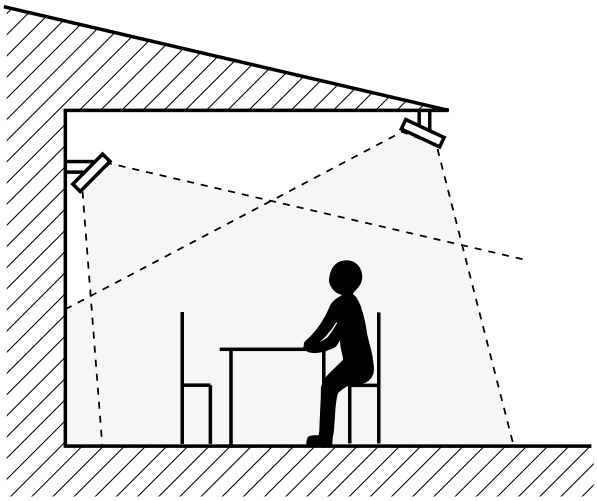
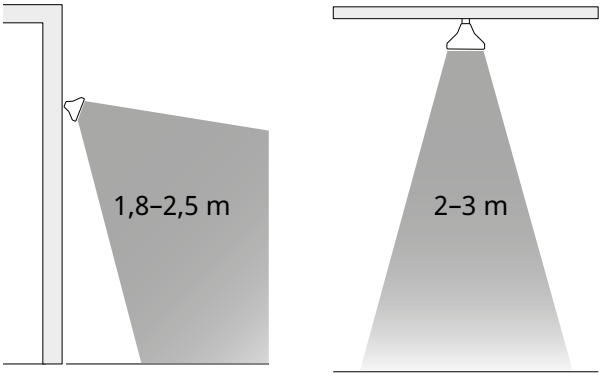


Fig.1: The heaters should heat from at least two directions for even heating.

Installation height



SE: För jämn uppvärmning bör infrorna värma från minst två håll.
NO: For jevn oppvarming bør infraene varme fra minst to sider.
FR : Pour un chauffage uniforme, les émetteurs doivent chauffer dans au moins deux directions.
DE: Für eine gleichmäßige Wärmeleistung sollten die Strahler aus mindestens zwei Richtungen heizen.
NL: De stralers moeten voor een gelijkmatige verwarming vanuit minimaal twee richtingen werken.
ES: Para garantizar una calefacción uniforme, deben colocarse de modo que el calor llegue desde al menos dos direcciones.
IT: Per avere un riscaldamento uniforme, il calore deve provenire da almeno due direzioni.
PL: Aby zapewnić równomierne ogrzewanie, ciepło powinno pochodzić co najmniej z dwóch kierunków.
RU: Приборы должны располагаться по крайней мере с двух сторон от человека.
FI: Tasaisen lämmityksen varmistamiseksi lämmittimien tulisi lämmittää vähintään kahdesta suunnasta.
DK: Terrassevarmere bør varme fra mindst to retninger for at give jævn varme.

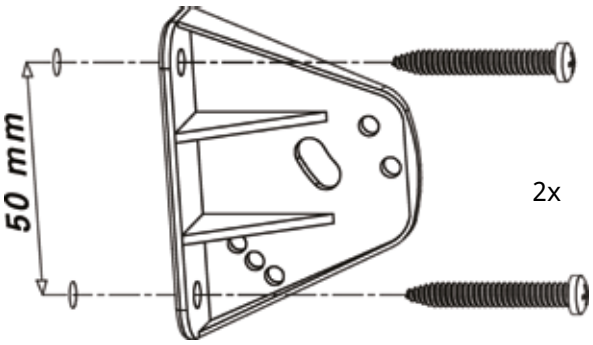
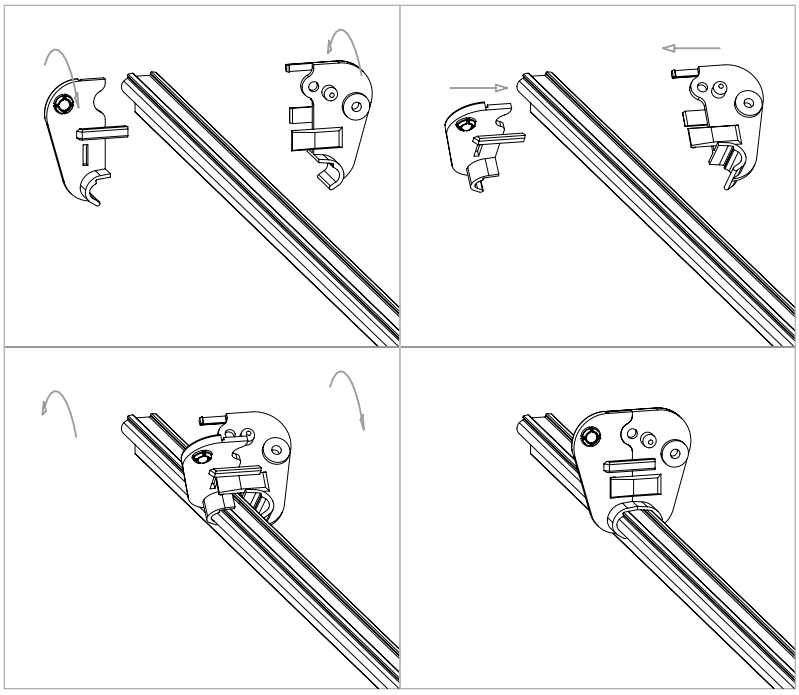


Fig.2



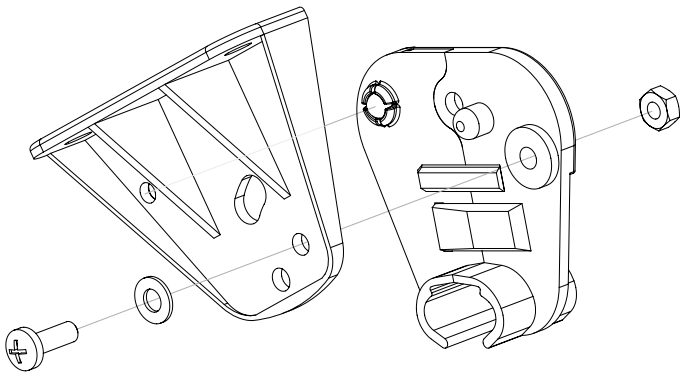


Fig.3

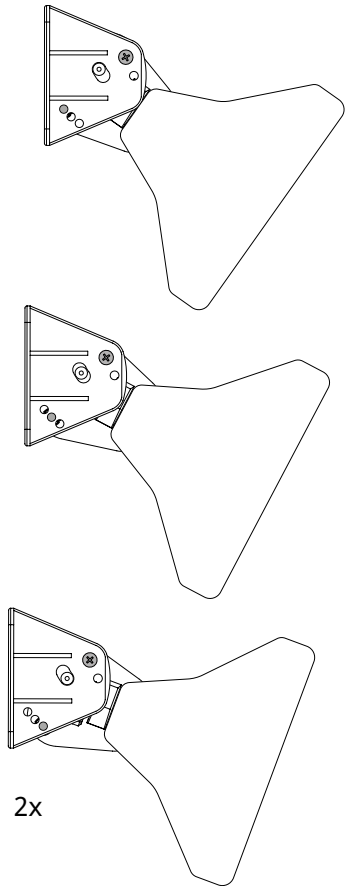


Fig.4

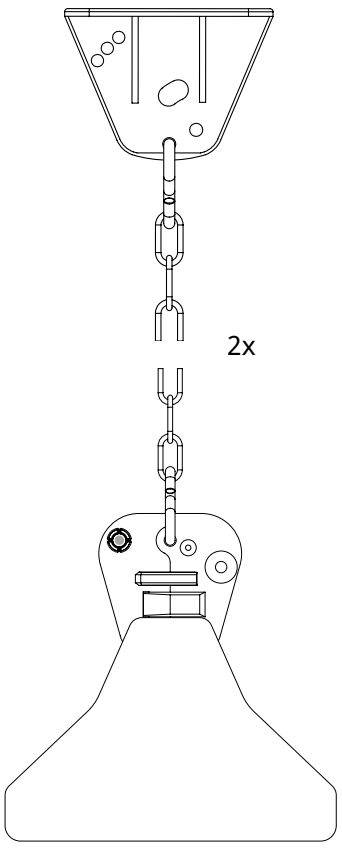


Fig.5

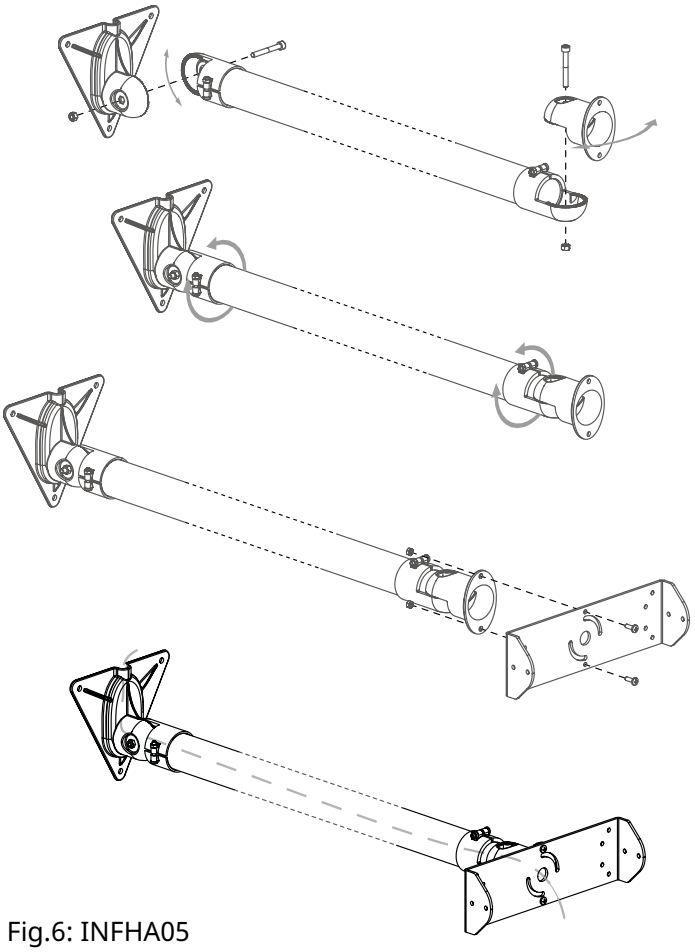


Fig.6: INFHA05

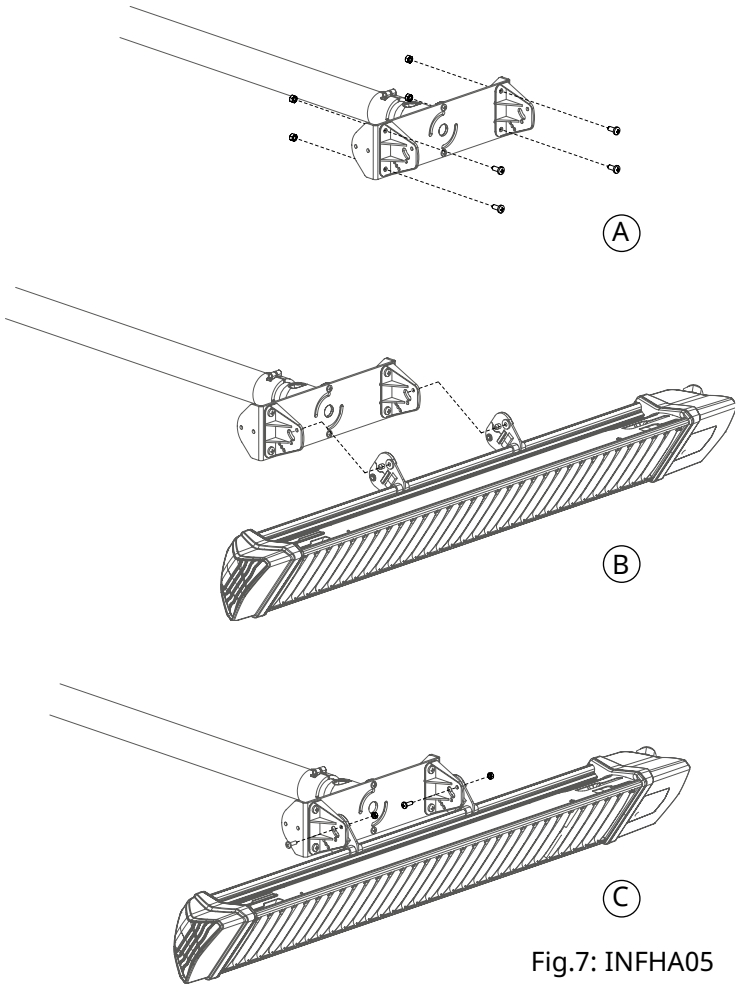
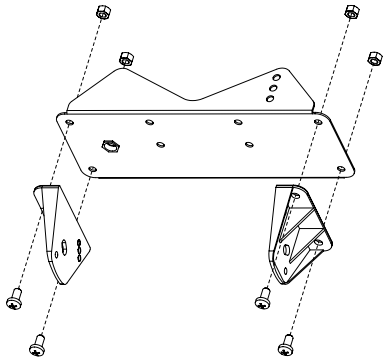
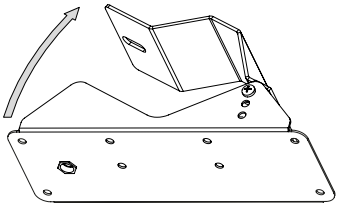


Fig.7: INFHA05





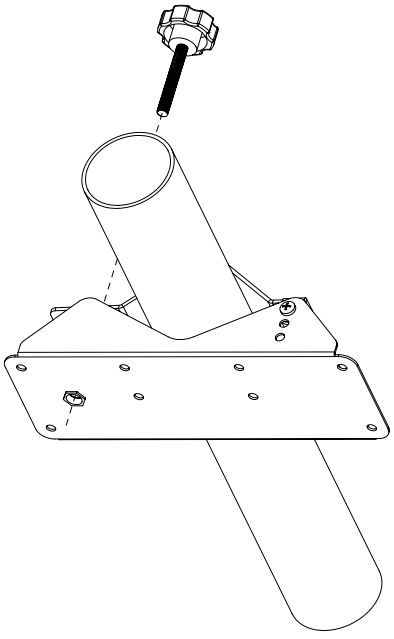


Fig.8: INFP

Infraflex (IP55)

Item number	Type	Heat output [W]	Voltage [V]	Amperage [A]	Max. filament temperature [°C]	Weight [kg]
276650	**INF12**	1200	220-240V~	5,3	2200	0,9
276651	**INF18**	1800	220-240V~	7,9	2200	1,0

CE

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

EN: Amperage
SE: Ström
NO: Strøm
FR: Intensité
DE: Stromstärke
NL: Stroomsterkte
ES: Intensidad
IT: Corrente
PL: Natężenie
RU: Ток
FI: Virta
DK: Strømstyrke

EN: Weight
SE: Vikt
NO: Vekt
FR: Poids
DE: Gewicht
NL: Gewicht
ES: Peso
IT: Peso
PL: Masa
RU: Вес
FI: Paino
DK: Vægt

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

EN: Max. filament temperature
SE: Maximal glödtrådstemperatur
NO: Maksimal glødetrådtemperatur
FR: Température max. du filament
DE: Max. Heizfadentemperatur
NL: Max. gloeidraadtemperatuur
ES: Temperatura máx. del filamento
IT: Temperatura max. filamento
PL: Maks. temperatura żarnika
RU: Макс. t нити накала
FI: Suurin hehkulangan lämpötila
DK: Maks. filamenttemperatur

Accessories

Item number	Type
282450	**INFP**
282453	**INFHA05**
282454	**INF1200**
282455	**INF1800**
333521	**SILS12**
333522	**SILS18**



INFP



INFHA05



INF1200/1800

SILS

Installation and operating instructions

General Instructions

Read these instructions carefully prior to installation and use. Keep this manual for future reference.
The product may only be used as set out in the assembly and operating instructions. The guarantee is only valid should the product be used in the manner intended and in accordance with the instructions.

Application

Infraflex is a versatile patio heater with several mounting options and is well suited for temporary heating at events or patios. Infraflex provides immediate heat when turned on and cools off quickly when switched off.
Protection class: IP55.

Positioning

The heaters must be placed so that they cover the area to be heated, see fig. 1. The normal mounting height is 2–3 metres above the ground/floor. Optimum comfort is achieved if the heat is distributed from at least two directions. The output demand for outdoor areas can vary significantly depending on many factors. Wind loads, location (country, altitude), shape of area to heat (spot vs total heating, walls, position of heaters) and its usage (restaurant vs private balcony, different users) must be considered. A rough estimation is 300-500 W/m² for area with 3 walls and 500-800 W/m² for less protected or open spaces. For enclosed areas, the output demand must be calculated. Please contact Frico for advice and assistance regarding dimensioning.

Mounting

Infraflex can be installed directly on a wall, with a hinged arm from the wall, with chains from the ceiling or on a post. Wall brackets and chains are included in delivery. The heater can be angled in several fixed positions.
For minimum distance, see diagrams on the introduction pages.

Wall mounting

1. Drill holes with a 5 mm diameter bit in the wall and fix the wall brackets. Fig.2.
2. Mount the two supports on the aluminum tube on the back of the unit. Fig.3.
3. With the supplied screws, lock the supports in the right angle on the wall brackets. Fig.3. Fig.4.

With chains

1. Drill holes with a 5 mm diameter bit and fix the wall brackets in the ceiling. Fig.2.
2. Mount the two supports on the aluminum tube on the back of the unit. Fig.3.
3. Mount the supplied S-hooks on both ends of the chains and hang the unit. Fig.5.

With hinged arm INFHA05 (accessory)

Hinged arm INFHA05 should not be used in areas where there is a high risk of earthquakes or strong winds.

1. Assemble all parts securely with screws and nuts. Fig.6.
2. Make sure that the cable does not get caught between the various components.
3. Fix the wall brackets to INFHA05. Fig.7A.
4. Mount the two supports to the aluminum tube on the back of the unit approx. 25 cm apart. Fig.3.
5. With the supplied screws, lock the supports in the right angle on the wall brackets. Fig.7B-C.

On post with bracket INFP (accessories)

1. Fix the wall brackets to INFP. Fig.8A.
2. Open INFP and place around the post. Fig.8B.
3. Insert the knob and screw until it is completely locked. Fig.8C.

Connection

Infraflex is equipped with a 1.9 metre cord with plug for connection to an earthed outlet socket. The connection cord must not rest against the unit as the surface becomes hot or can be hit by thermal radiation. Contact an electrician if the cord needs to be changed. Note that due to the high temperatures in the heater, a cord of the type H05RN-F or the like should be used.

As the halogen lamp has a high starting current the wall socket should be fuse protected by a slow burn fuse.

In the event of uncertainty contact an electrician.

Control

The heater is controlled with the included remote control (on/stand-by), or the built-in push button. The remote control can activate several heaters.

- Use included 2 x LR1 batteries for the remote

control. Remove batteries when not in use for an extended period in order to preserve battery life.
- Always use the same type of batteries when changing them.
- The heater can still be used if the remote control is missing or not working.
- The remote control may not function should there be a loss of signal between the remote control and the heater.

Start-up
When the unit is used for the first time or after a long period of non-use, smoke or an odour may result from dust or dirt which has collected on the element. This is completely normal and disappears after a short time.

Replacing the lamp and silicon sealing
The heat lamp is of the highest quality and unless it is subjected to mechanical strains in the form of vibrations and impact it will last for a long time. The service life is dependent on the ambient temperature and how the heater is installed. When the heater is installed freely and outdoors the temperature will be low and the life of the lamp can be expected to be in the region of 5000 hours.

When replacing the lamp, the silicone sealing connected to the lamp must also be replaced, it should be replaced beforehand if there are signs of aging.

The lamp must be replaced by an installer or other skilled person.

1. Disconnect the power supply.
2. Wait until the unit is cold.
3. Remove the screws (6x) that holds the two plastic gables.
4. Remove the plastic gables.
5. Disconnect white cables (no other cables should be disconnected).
6. Remove the screw for the earth connection from the reflector.
7. Apply some denatured alcohol with a cloth on the lamp beside the silicone sealing before removing the lamp.
8. Remove the lamp by pushing it out of one of the silicone sealings until one end is free, then it can be pulled out of the second sealing.
9. Replace the silicone sealings to new ones (make sure that the sealing is properly assembled).
10. Apply some denatured alcohol on the new lamp (at least 10 cm in from each end) before assembly.
11. Assemble the new lamp and make sure that the silicone sealing is tight around the lamp ends.
12. Reassemble the rest of the unit again and make sure that no cables are pinched between gables and inner gable.

Maintenance
The power supply to the unit must be disconnected during all service, repair and maintenance work. Wait until the unit is cold.

The unit has no moving parts so the maintenance requirement is small, but it must be kept clean and free from dust and dirt. If the reflector is not clean the thermal radiation from the unit will decrease and the heater will become hotter. A large amount of dirt can cause overheating.

The surface of the reflector is sensitive and must be cleaned with care. If the reflector is dirty it must be cleaned or replaced by a specialist.

To clean the casing, wipe it with a soft, dry cloth. If it is very dirty, use a slightly damp cloth and, if necessary, a mild detergent. Wipe afterwards with a dry cloth to remove moisture.

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

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

Safety
- *For all installations of electrically heated products a residual current circuit breaker* 300 mA *for fire protection must be used.*
- *The unit must not be fully or partially covered as overheating can result in a fire risk!*
- *The unit must not be placed directly under fixed wall sockets!*

- *The unit must not be used if the unit or the cord is damaged. Risk of injury!*
- *The heater is equipped with a protective grille to prevent contact or to prevent large objects from touching the hot lamp. The unit must not be used without this protective grille.*
- *The cable and plug must not be placed inside the hot radiant area.*
- *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.*
- *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.*

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.

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For latest updated information and information about your local contact: www.frico.net

2026-03-26 ZD/CH/KT