

ORION®

INSTRUCTION MANUAL

ENGLISH **ENG**

INFRARED HEATER MODEL: OR-QH20T



Dear customers! Thank you for purchasing ORION products. Before operation, please read this instruction manual. Save it for future reference.

SAFETY INSTRUCTIONS

1. *Read the instructions carefully before use and save them for future reference.*
2. *Always disconnect the heater from the main supply when not in use and when cleaning.*
3. *Do not leave the heater "ON" unattended.*
4. *In order to avoid over heating, do not cover the heater.*
5. *Keep the heater a distance of at least 100 cm from any combustible material, such as furniture, curtains, bedding cloths or papers.*
6. *Keep the heater clean. Do not allow objects to enter the ventilation, as this may cause electric shock, fire or damage the heater.*
7. *Close supervision is required when any appliance is used near or by children.*
8. *Never allow the cord to touch wet or hot surfaces, become twisted or be within the reach of children.*
9. *Do not use outdoors.*
10. *Do not place on or near a hot gas or electric burner.*
11. *Remove the packing and make sure that the appliance is intact. In case of doubt do not use the appliance and contact our after-sales service. Do not leave packaging materials like bags and staples within reach of children.*
12. *The use of every electrical appliance calls for the awareness of some basic rules, such as:*
 - *Never touch the appliance with wet or damp hands or feet*
 - *Never expose the appliance to atmospheric conditions(rain, sun, etc)*
13. *Do not use the appliance for anything other than its intended use.*
14. *This appliance is intended for household use only.*
15. *Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.*
16. *Any repairs that need to be done to the heater must be referred to an authorized service agent only.*
17. *Do not put the cable on the appliance when it is still warm.*
18. *Do not damage and do not kink the power cord.*
19. *Do not connect the appliance to extension cords or multiple outlets.*
20. *In case the power cord is damaged send it to the nearest after sale service recommended by the manufacturer for the replacement.*
21. *The fireguard of this heater is intended to prevent direct access to heating elements and must be in place when the heater is in use; The fireguard does not give full protection for young children and for infirm persons.*
22. *Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.*
23. *The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.*
24. *Children should be supervised to ensure that they do not play with the appliance.*
25. *The heater must not be located immediately below a socket-outlet.*

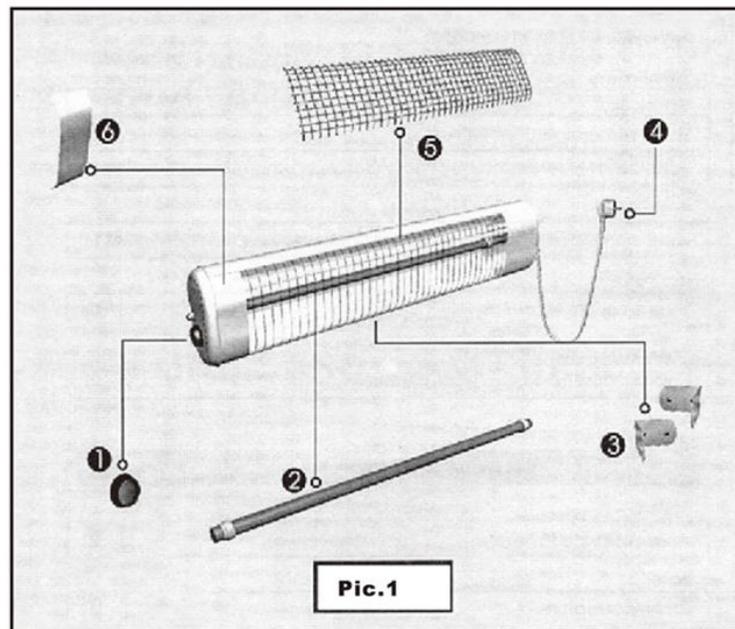
TECHNICAL CHARACTERISTICS

- Infrared heater ORION OR-QH20T
- Max Power: 2000W
- LED display
- The digital control panel
- 8 hour timer with step by step setup
- Digital setting of room temperature in the range from +15°C to +40°C
- Remote control (included)
- Remote control working range up to 7m
- Telescopic stand
- Cord length: 2m
- Rated voltage/frequency: AC230V~50Hz
- Rated Power: 2000W
- Rated current: 8.7A
- Electric shock protection class: I
- Humidity protection degree: IPX0
- Product size: 97X14,5X23,5cm
- Telescopic stand size: 107X14X10sm
- Box size: 109x16,5x35,5cm
- Net/Gross weight: 4.7kg/6.1kg
- Heater net weight: 3kg
- Telescopic stand net weight: 1.7kg
- Product color: silver and black
- Mount: floor/wall

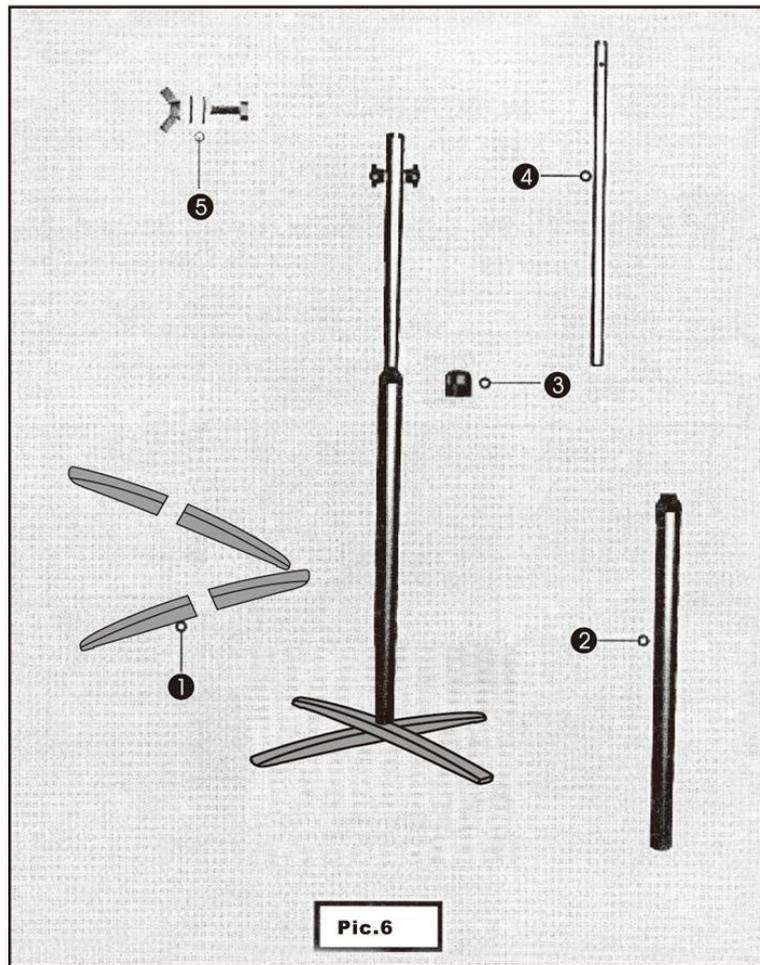
Note: subject to change without notice

PARTS

1	Main body
2	Heating element
3	Bracket
4	Cable
5	Safety bar
6	Top lid

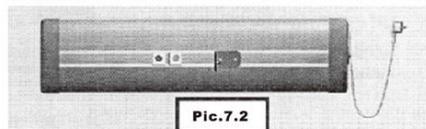
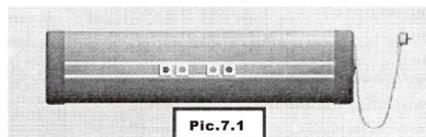


1	feet
2	Support
3	Handle of fixation
4	Retractable pipe
5	Fasteners of the heater

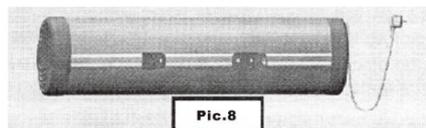


INSTALLATION ON THE WALL

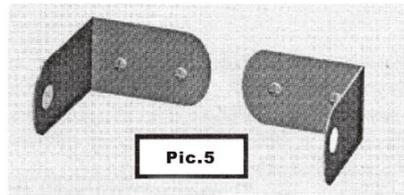
- 1** There are 4 brackets and fasteners used with the heater. Furthermore, in the canal of back side of the heater there are 4 square fastener washers 25x25mm. Relieve square washers(Figure 7.1)and fasten 2 brackets to the canal of the backside of the heater by the help of screws(Figure 7.2.)



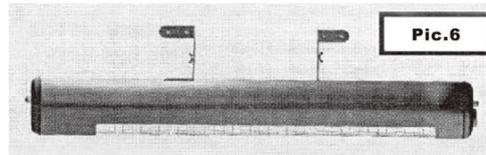
- 2** Fasten the brackets at the appropriate distance of each other(45-55cm) (Figure 8).



- 3** Two other brackets are fastened by the help of fasteners at the appropriate distance on the wall parallel to the floor (At least 1.8 m from the floor and at least 0.5 m from the ceiling). (Figure 5).



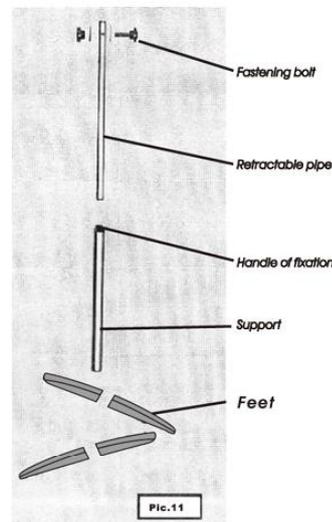
- 4** Join the brackets on the heater with the brackets, fastened on the wall, with help of figured screw-nuts (Figure 6). Install the heater under necessary angle (in the direction to the area being heated). Look at issue 4: (Main rules of heater using).



- 5** Electric wiring for the heater has to be done by the qualified specialist.

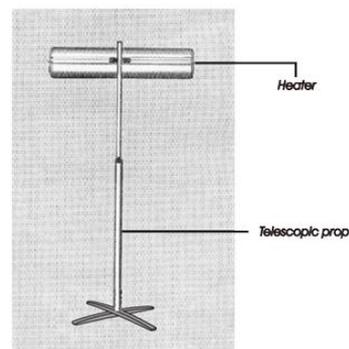
INSTALLATION ON THE TELESCOPIC PROP

- 1** Fasten the feet and insert the retractable pipe into the support. Assembling of telescopic prop is finished by twisting in the handle of fixation into the support (figure 11).



- 2** Installation of the heater on the telescopic prop is done by the help of the fastening bolt, by the figured screw-nut (Figure 11) and the brackets, which are fastened on the retractable pipe (Figure 11)

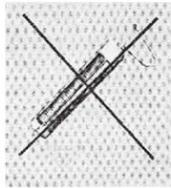
Commentary: the distance between the assembling brackets has to be 2cm.



MAIN RULES OF HEATER USING

Install the heater strict in horizontal position i.e.

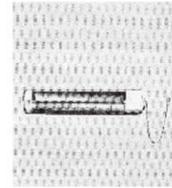
PARALLEL TO FLOOR



FALSE



FALSE



RIGHT

Direct the heater the APPROPRIATE ANGLE



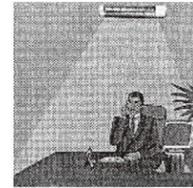
FALSE



RIGHT

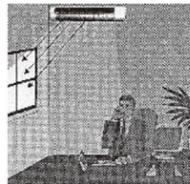


FALSE



RIGHT

Prevent the lost of directed heat through the windows.



FALSE



RIGHT

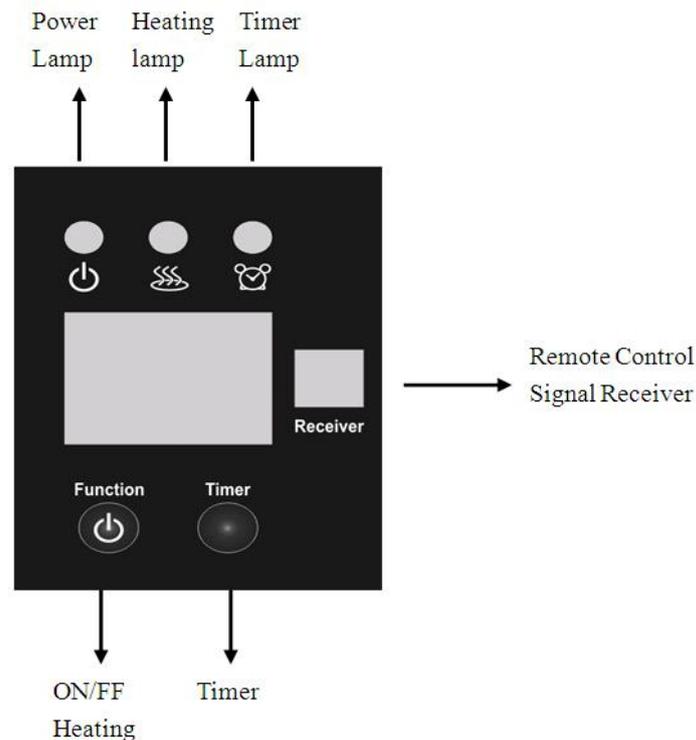
Avoid the placing of foreign objects on the safety bar.

Don not cover!

Before motion the heater be sure that the power supply is switched off.

Attentively adjust the position of the thermostat in dependence of the heated square.

CONTROL PANEL



1, Press “ ON/OFF Heating” Key, Power Lamp and Timer Lamp are lighting, Product start Heating. Again press “ON/OFF Heating” Key, Power Lamp and Timer Lamp went out, Product stop Heating.

2, Press “Timer” Key when Power lamp is lighting, then Timer Lamp is lighting, Timer Setting function start, Timer can be 0.5 hour of each press “Timer” key till Max 8 Hours.

REMOTE CONTROL: Effective distance 7M

1, “ON/OFF”:

- 1) The first time Press “ON/OFF” Key, Power Lamp is lighting, product are on standby function with electric supply, but does not heat up.
- 2) The second time press “ON/OFF” key, Power Lamp went out, the product stop working all of function completely.

2, “Heating”:

- 1) The First time Press” Heating” Key when Power Lamp is lighting, then Heating Lamp is lighting and Product start heating.
- 2) The Second time Press” Heating” Key, Heating Lamp went out and Product stop heating
- 3) The display screen show environment temperature.

3, TEMP +/ TEMP – :

- 1) The first time press this key, the display screen show current set temperature(if the display screen show “0.0” when it is not on the temperature setting function), Then the second time press this key to set needed environment temperature , setting range from 15°C to 40°C, Temperature Setting can be 1°C increased or decreased of each press UP“+” or Down “-“ key.
- 2) The display screen return to show environment temperature 5 seconds after stop pressing these two keys.



4, "Timer":

- 1) The first time press this key, power lamp is lighting, the display screen show current set timer (if the display screen show "0.0" when it is not on the timer setting function), Then the second time press this key to set needed Timer, setting range from 0.5 hours to 8 hours, Timer can be 0.5 hour of each press "Timer" key till Max 8 Hours.
- 2) The display screen return to show environment temperature 5 seconds after stop pressing this keys.

5, "Cancel":

- 1) On the condition of Temperature setting function, when the first time press this key, the display screen show the set temperature, then the second time press this key to cancel temperature setting function and return to above "Heating" function.
- 2) The display screen return to show environment temperature after 5 seconds.

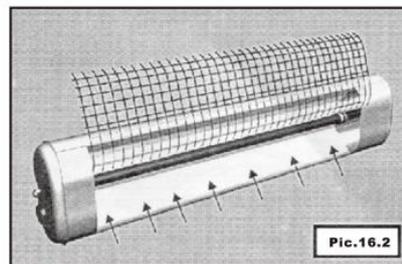
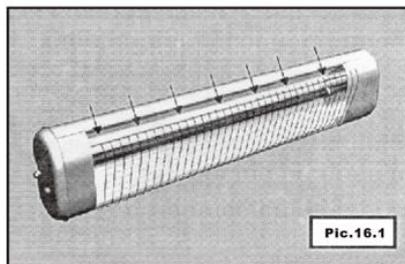
MAINTENANCE OF THE HEATER

It is necessary to wipe periodically the heater and the reflector, depending on the Place and the circumstances of its use.

Cleaning of the reflector:

1

Disconnect the cable of power supply from the socket.

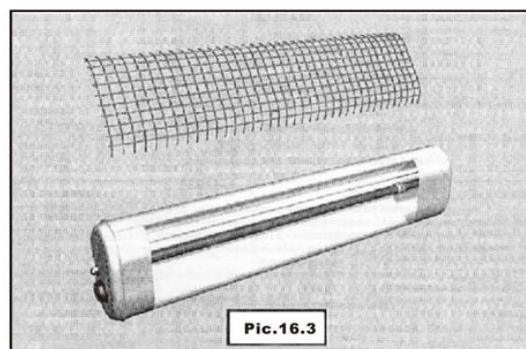


2

Take off the heater body the safety bar.(Figure 16.1,16.2,16.3)

3

Wipe the reflector by the soft cloth, treated by detergent, frying not to leave on the surface the tinged prints and spots.



Commentary: *Do not use the detergents which are able to damage the reflector. Wiping has to be done very careful without any scratches.*

PACKAGE CONTENTS

1. Infrared heater
2. Telescopic stand
3. Remote control
4. Mount set
5. Instruction manual
6. Warranty card

Note: DOES NOT CONTAIN HAZARDOUS SUBSTANCES

Subject to change without notice

Extra information you can find on ORION company web-site www.orion.ua

If you have any questions or suggestions, contact us by E-mail support@orion.ua

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Made to order: Orion Electronics Ltd. (Hungary)

