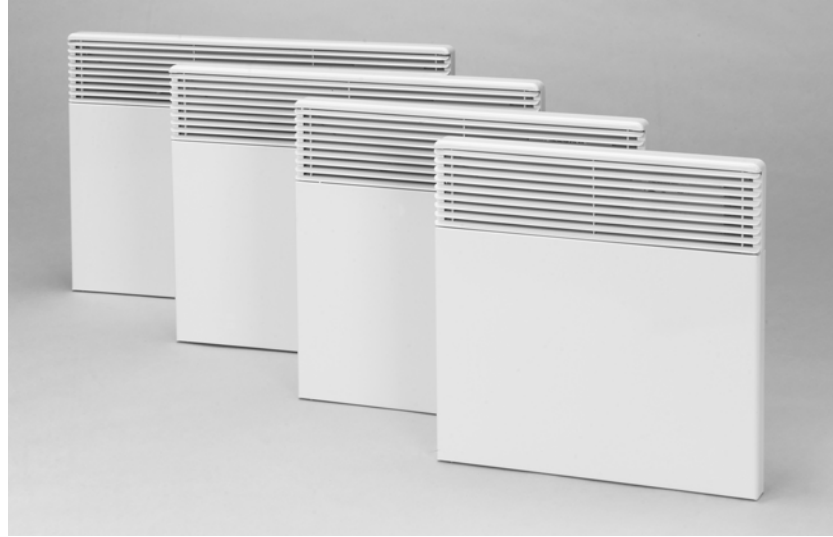
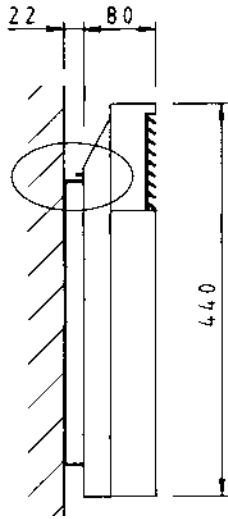


# OLSBERG

## Instruction Manual



## Confort Convactor

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### IMPORTANT

- This manual **MUST** be handed over to the user once installation is complete.  
Ensure also that the user receives adequate instruction on the operating and functioning of this electric convector unit.
- The manual must be passed on to the new owner if the unit is sold or otherwise disposed of.

## General points

Olsberg electric convector units can be used in many different direct-heating applications. Their elegant shape, ease of operation, high heating capacity and reliability all serve to make them a cut above the rest.

These convector units are fitted with operating switches and temperature regulators, thus making them ideal as frost-prevention devices.

Please ensure that you read the information in this manual thoroughly before proceeding. The information included covers important points relating to safety, installation procedures, operation and maintenance of the unit.

Please note that the manufacturer can accept no liability whatsoever in the event of failure to observe the instructions given below. These devices must not be used for any purpose other than that for which they have been designed.

The packaging on your high-performance Olsberg unit, which has been kept to a bare minimum to avoid waste, consists mainly of recyclable materials.

All items of packaging and unit components are identified where legally stipulated and/or possible in order to make eventual scrapping, recycling or disposal easier.

**Note:** Ensure that all packaging materials, discarded replacement parts and (eventually) the unit itself and its components are correctly disposed of.



### Disposal of old heaters

Old electric and electronic devices often contain valuable materials. But they may also contain harmful ingredients which were necessary for their function and security. In normal waste disposal or incorrect treatment they could be harmful to the environment. Please help to protect our environment! Please do not add your old heater to normal waste in any case. Dispose of your old heater according to the local regulations.

## Important notes

- Olsberg electric convector units are designed to conform to all relevant safety standards and regulations.
- All repairs and maintenance work **MUST** be carried out by a qualified service engineer.
- Ensure that **national standards** are observed.
- Local safety regulations should also be taken into account.
- When installing the device in a bathroom, ensure that no switch or other operating control can be reached by a person in the bath or shower.
- **DO NOT** cover the device (fire hazard).
- The temperature regulator cannot be used to disconnect the device from the mains supply.
- Observe the minimum clearances indicated.

## Minimum clearances

Safety considerations require that the following minimum clearances be maintained with respect to items of furniture and other inflammable objects:

- From cover .....10cm
- From side panels.....10cm
- From floor .....15cm
- From front panel .....50cm  
(hot-air outlet)

The wall-fixing bracket creates a rear-panel clearance of 22mm.

# Wall installation

**IMPORTANT:** DO NOT install the device directly beneath a wall-mounted power socket.

Fit the wall-fixing bracket (fig. 1) in such a way that the convector unit lies in a **horizontal** position when installed. The attachment bracket should be fixed to a level wall surface. Install it onto the wall using 4 x 5.5 mm max.  $\varnothing$  screws, making sure that it is facing the right way.

**Note:** Use the wall-fixing bracket as a template for marking the position of the unit and the location of the drill holes.

Type	Dim. L	Dim. B	Dim. C
15/192	340	128	106
15/194	420	208	106
15/196	580	178	201
15/198	740	320	210
15/199	900	247,5	

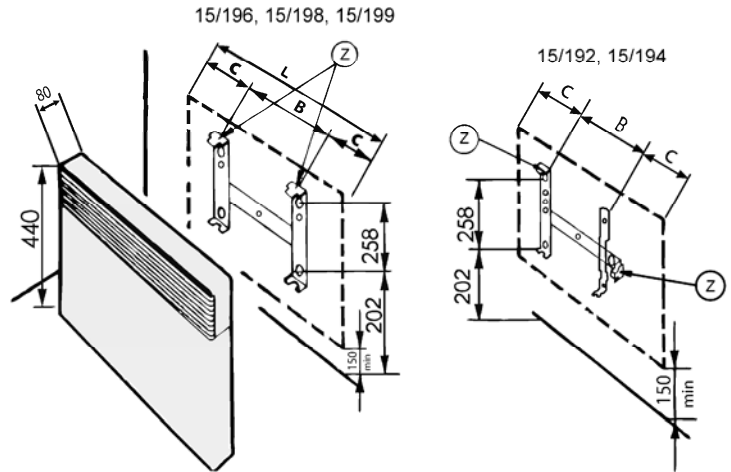


fig.1

Observe the international safety regulations regarding minimum clearances when installing the unit in rooms equipped with bath or shower.

If the unit's connection lead is damaged, ensure that it is replaced immediately with the appropriate original part (available from the manufacturer or an authorized service provider).

Locate the device on the open clips at the bottom, on the wall-fixing bracket, and push in until the spring-loaded catches at the top and/or sides engage in the recesses provided in the rear panel.

To release the spring-loaded catch once it has engaged, push on the upper or lateral clip with a screwdriver or similar (see fig.1 – item Z and fig.2 – item E).

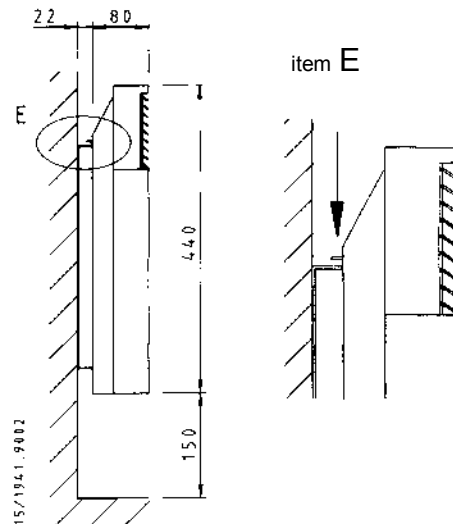
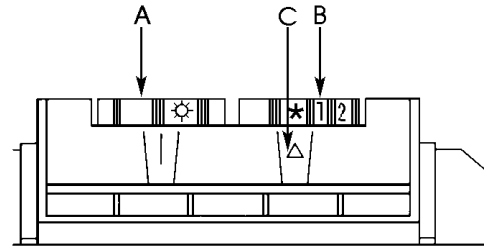


fig.2

## Electrical connection

- The device **MUST NOT** be opened during the installation or connection process.
- Connect the cable to the power supply 230V to put the heating unit into standby mode.
- **DO NOT** run the cable lead across or above the air outlet grille.

**IMPORTANT:** Ensure that the wires are fitted correctly to the connecting box terminals.  
 Brown: Live/Phase  
 Blue: Neutral  
 Black: Control wire for remote timer



**fig.3 Operating controls**

- A) Operating/Mode selection switch (control knob)  
 Switch settings:  
 0 - unit OFF  
 ✱ - Normal operation  
 ☾ - Temp. reduction phase of around 4.0K  
 ⌚ - Operation with remote timer
- B) Room thermostat (control knob)  
 Markings on control knob:  
 \* (frost-protection) 1 2 3 4 5 6 7 8 9 (max.)
- C) LED indicator  
 (lights up when heating mode is active)

**WARNING: DO NOT CONNECT THIS APPLIANCE TO EARTH, AS IT IS DOUBLE INSULATED.**

The black wire is to be used only for connection to a remote timer for reaching a set back temperature: when applying 230V the temperature will be reduced 4° less than the temperature set on the thermostat.

**If the black pilot wire is not being used with a compatible programming or switching device it should be terminated and insulated.**

## Operation / Heating mode

The operating controls are located in a housing provided for the purpose on the top right-hand side of the rear panel.

The rotating knob is used both to switch the convector unit on, and to select its operating mode (normal mode / temp. reduction phase of around 4.0K) or to use a remote timer.

These convector units are fitted with an electronic regulating system, which permits infinite adjustment of the room temperature to any desired level between 7°C (frost-protection) and 30°C (maximum). This is carried out from the control knob, which is fitted with two moulded-in rear end-stop pins. Release these pins and position them in the corresponding holes to

- fix the position of the knob in any way desired
- establish a new maximum setting, or
- establish a new adjustment range

**IMPORTANT:**

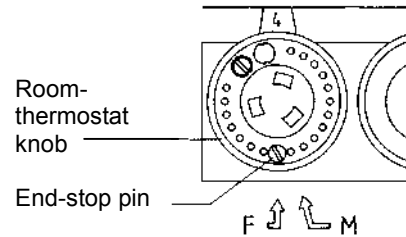
**DO NOT** allow the air inlets or outlets of the convector unit to become blocked – even partially – by towels, curtains or other objects.

Note that certain surfaces become very hot while the unit is in operation.

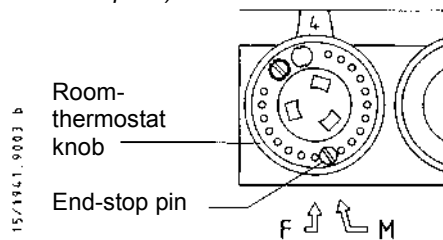
**DO NOT** touch the outlet grilles.

**DO NOT** allow small children to remain near the unit while it is running.

*Example a)*



*Example b)*



**fig.4 Locking device on room-thermostat knob**

Example:

- Fixed adjustment to heat setting no. 4: Positioning of end-stop pin at “F” mark (on rear side of control housing)
- Maximum adjustment to heat setting no. 4 (i.e. adjustment range of \* to 4): Positioning of end-stop pin at “M” mark (on rear side of control housing)

## Care and maintenance

- Olsberg electric convector units do not require any specific maintenance.
- If the unit is operating in places where there is an excess of dust, you are recommended to clean the air inlet and outlet grilles from time to time, using a vacuum-cleaner nozzle attachment to remove any dust deposits.
- DO NOT use abrasive cleaning products to remove dirt from the outer surfaces of the unit. Use a mild household detergent or just a soft, damp cloth.
- Note that the unit's connection lead is a special part. If the lead becomes damaged, it MUST be replaced with the appropriate original component.

## Technical specifications

- Temperature-setting range.....approx. 7°C to 30°C
- Temperature-reduction phase...ca. 4.0K
- Voltage ..... 1/N ~ 230V
- Protection rating II  ..... double insulated
- Protection class IP24 ..... splash-proof

Type	Power (watt)	Dimensions HxWxD <sup>1)</sup> (mm)	Weight (approx. kg)	Room-temperature regulation
15/192	500	440x340x80	3.7	electronic
15/194	1000	440x420x80	4.3	electronic
15/196	1500	440x580x80	5.6	electronic
15/198	2000	440x740x80	6.7	electronic
15/199	2400	440x900x80	7.7	electronic

<sup>1)</sup> Dimension D does not include control housing or wall-fixing bracket  
 Depth of wall-fixing bracket: 22mm

**Note:** The identification plate is located on the back panel of the device.  
 When ordering spares, please be sure to indicate the type **and** serial number.

## Conditions of Guarantee

For guarantee please refer to the respective terms and conditions of supply for your country.

The installation, electrical connection and first operation of this appliance should be carried out by a qualified installer.

The company does not accept liability for failure of any goods supplied which are not installed in accordance with the manufacturer's instructions.

**We would like to advise you that our Service Centres are at your disposal at normal conditions even after the guarantee has ended.**

**We reserve the right to make any technical changes.**



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