CREATING HEATING COMFORTS

# Heating Products

# Technology – function – design

Olsberg's comprehensive range of dynamic and static electric storage heaters is globally distributed from its single production location.

The multi-award-winning design, installation-friendly build, robust quality, tried-and-tested safety and long life spans are the benefits that make all Olsberg products so convincing.

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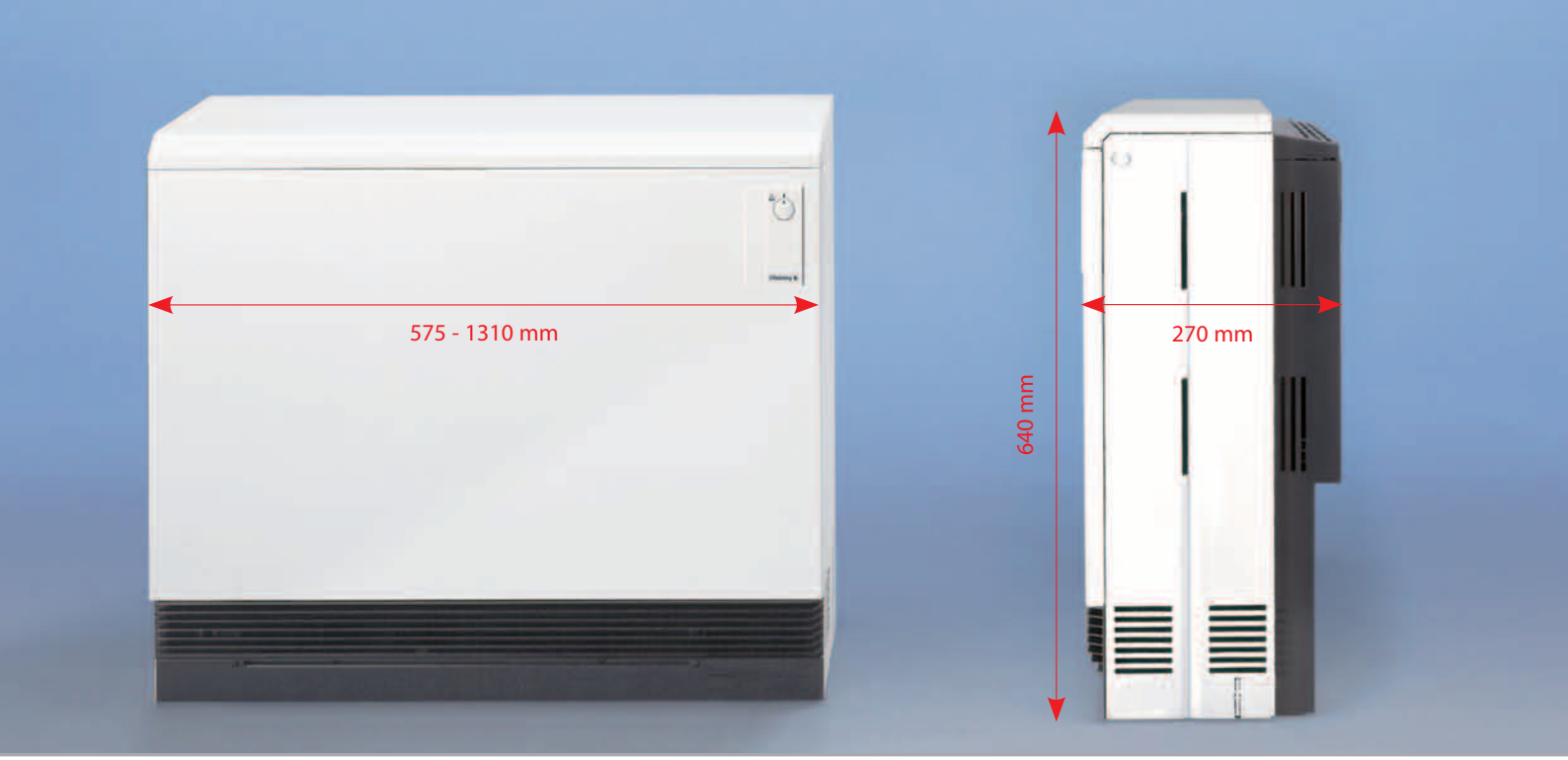



Compact dimensions / integrated wall-spacer grille

# OLSBERG Carat Dynamic heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| Standard Dynamic storage heater | 2.0/1.7/1.3 kW* | 640 x 575 x 270** | **14/512-3** | 1, 12-16, 19-24 |
| Standard Dynamic storage heater | 3.0/2.5/2.0 kW* | 640 x 750 x 270** | **14/513-3** | 2, 12-16, 19-24 |
| Standard Dynamic storage heater | 4.0/3.3/2.7 kW* | 640 x 925 x 270** | **14/514-3** | 3, 12-16, 19-24 |
| Standard Dynamic storage heater | 5.0/4.2/3.3 kW* | 640 x 1135 x 270** | **14/515-3** | 4, 12-16, 19-24 |
| Standard Dynamic storage heater | 6.0/5.0/4.0 kW* | 640 x 1310 x 270** | **14/516-3** | 4, 12-16, 19-24 |
| Standard Dynamic storage heater | 7.0/5.8/4.6 kW* | 640 x 1310 x 270** | **14/517-3** | 4, 12-16, 19-24 |

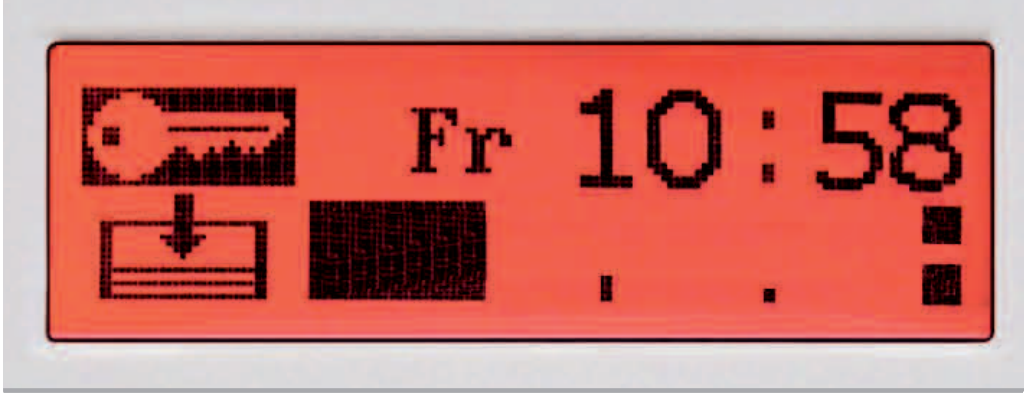
* Variable heating element ratings
** Depth, incl. integral wall-clearance grille

# Top performances at a glance

Storage heaters by Olsberg
Benefits at a glance

- Compact heater depth of only 27 cm, **including integrated wall-spacer grille**
- 2 to 7 kW in only five housing sizes
- Optimised heat insulation with high-quality insulating material
- Whisper-quiet radial fan
- Tidy, recessed and functional operating elements
- Compact and robust design
- Installation- and service-friendly build with rapid installation using only two screws
- Maintenance-friendly fluff filter for comfortable cleaning
- Extensive range of accessories
- Heating element in the air channels for rapid heat discharge
- Variable heating element ratings
- Heater colour: RAL 9010 - pure white
  RAL 7024 - graphite grey

# StandAlone Control




StandAloneControl with activated child lock

OLSBERG Standard storage heaters **with** StandAloneControl deliver the ideal heating solution

- for the renovation and individual furnishing of bathrooms, student accommodation and offices ...
- while utilising two-rate meters with lower rates.
- Power consumption between 2 to 7 kW depending on heater size

# OLSBERG Standard heaters with StandAloneControl

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| Standard heater with StandAloneControl | 2 kW | 640 x 575 x 270** | **14/522-3** | 16, 24 |
| Standard heater with StandAloneControl | 3 kW | 640 x 750 x 270** | **14/523-3** | 16, 24 |
| Standard heater with StandAloneControl | 4 kW | 640 x 925 x 270** | **14/524-3** | 16, 24 |
| Standard heater with StandAloneControl | 5 kW | 640 x 1135 x 270** | **14/525-3** | 16, 24 |
| Standard heater with StandAloneControl | 6 kW | 640 x 1310 x 270** | **14/526-3** | 16, 24 |
| Standard heater with StandAloneControl | 7 kW | 640 x 1310 x 270** | **14/527-3** | 16, 24 |

** Depth, incl. integral wall-spacer grille

OLSBERG Standard storage heaters with StandAloneControl combine an auxiliary heater and special charging and discharging control in a standard storage heater.

- Charging during the night at low rates
- All conventional charging models saved in the control
- Enable signal not required from the electrical utility
- High-speed heating function with powerful fan and auxiliary heater
- The charger control may be individually set using the integrated temperature control
- Integrated clock with power reserve
- Built-in week timer for reducing charging and room temperature as required
- Remaining charge display
- Ideal for offices, second homes, weekend homes and residential units that are only occasionally used …
- The auxiliary heater is automatically locked when the residual charge is still sufficient
- Child lock
- Permanent data storage unit

# OLSBERG Profile Super Slim dynamic storage heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| Super Slim dynamic storage heater | 1.8/1.5/1.2 kW* | 540 x 796 x 220** | **14/564-3** | 5, 12-14, 17-25 |
| Super Slim dynamic storage heater | 2.4/2.0/1.6 kW* | 540 x 972 x 220** | **14/565-3** | 5, 12-14, 17-25 |
| Super Slim dynamic storage heater | 3.0/2.5/2.0 kW* | 540 x 1148 x 220** | **14/566-3** | 6, 12-14, 17-25 |
| Super Slim dynamic storage heater | 3.6/3.0/2.4 kW* | 540 x 1324 x 220** | **14/567-3** | 6, 12-14, 17-25 |
| Super Slim dynamic storage heater | 4.2/3.5/2.8 kW* | 540 x 1500 x 220** | **14/568-3** | 6, 12-14, 17-25 |

* Variable heating element ratings
** Depth, incl. integral wall-clearance grille

# OLSBERG Super Slim dynamic storage heaters – for all available spaces

## OLSBERG Super Slim dynamic storage heaters

OLSBERG Super Slim dynamic storage heaters are the most compact storage heaters and are the ideal product for limited spaces. Under windows, in niches or on walls. Its small dimensions, a depth of just 22 cm, including the integrated wall-clearance grille, and at only just 54 cm high, its five heater sizes with a nominal rating range from 1.8 to 4.2 kW will deliver the right solution for almost any living situation.

## Benefits at a glance

- Compact heater depth of just 22 cm, including integral wall-spacer grille
- Whisper-quiet radial fan
- Maintenance-friendly fluff filter in the air inlet
- Tidy, recessed and functional operating elements
- Wall-bracket as standard
- Electronic charger control as standard
- In five different heater sizes ranging from 1.8 - 4.2 kW; three heating levels are possible by rewiring the heating elements
- Installation- and service-friendly design, just four screws need to be removed to fit the components.
- Extensive range of accessories

Two screws for removing the hood and two more for removing the front

# OLSBERG Century Low line dynamic storage heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| Low line dynamic storage heater | 3.0/2.5/2.0 kW* | 476 x 1010 x 315 | **14/553-3** | 8, 12-15, 19-24 |
| Low line dynamic storage heater | 4.0/3.3/2.7 kW* | 476 x 1160 x 315 | **14/554-3** | 9, 12-15, 19-24 |
| Low line dynamic storage heater | 6.0/5.0/4.0 kW* | 476 x 1610 x 315 | **14/556-3** | 9, 12-15, 19-24 |

* Variable heating element ratings
** Depth, incl. integral wall-clearance grille

The compact heater

# OLSBERG Low line dynamic storage heaters – compact for where space is limited

## OLSBERG Low line dynamic storage heaters

OLSBERG Low line dynamic storage heaters deliver state-of-the-art heat-storage technology. OLSBERG Low line storage heaters have been technically adapted to the successful range of storage heaters.

The Low line dynamic storage heater's compact dimensions, depth of 31.5 cm, including the integral wall-clearance grille and low height of 47.6 cm, are ideal for low window sills and sloping ceilings and are able to deliver ideal solutions.

## Benefits at a glance

- Compact heater dimensions: Depth: only 31.5 cm, including integral wall-clearance grille Height: only 47.6 cm
- Whisper-quiet radial fan
- Tidy, functional and recessed operating elements
- Maintenance-friendly fluff filter in the air inlet
- Three heater sizes with 3 kW, 4 kW and 6 kW, with variable heating element ratings
- Extensive range of accessories

The fitted heater

# OLSBERG Impact Under worktop unit

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| Under worktop dynamic storage heater | 3.0/2.0 kW* | 815-840 (adjustable) x 445 x 570 | **14/543-3** | 10, 12-14 |
| Full casing | | | **14/4431.9201** | |

* Variable heating element ratings

# For all kitchens

## OLSBERG Under worktop dynamic storage heaters for all kitchens - 3 kW at a width of 45 cm

OLSBERG fitted kitchen storage heaters are manufactured with smoothly adjusting feet (ranging from 815 to 840 mm) and three compensating facings for different drawers and kitchen fronts. The heaters may therefore be precisely adapted to almost any kitchen front.

The full facing panel set that's available as an accessory means that the heater may be used as a stand-alone unit.

## Benefits at a glance

- OLSBERG kitchen storage heaters may be integrated into almost any fitted kitchen. End size 45 cm!
- Ventilation from the side is not necessary
- Completely accessible from the front. Installation and servicing doesn't require removal from the fitted kitchen
- Adjustable feet for a total height of between 815 mm and 840 mm, plus worktop
- Tidily arranged recessed operating elements
- Integrated electronic room temperature control as standard

Full panel facing set as an accessory

- May also be used as a stand-alone unit in conjunction with the full panel set (accessory)

The powerful one

# OLSBERG Montana High line dynamic storage heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. | Accessory No. |
|---|---|---|---|---|
| High line dynamic storage heater | 4.0/3.3/2.7 kW | 800 x 670x 350** | **14/534-3** | 11-15, 19-23 |
| High line dynamic storage heater | 6.0/5.0/4.0 kW* | 1056 x 670x 350** | **14/536-3** | 11-15, 19-23 |

* Variable heating element ratings
** Depth, incl. integral wall-clearance grille

## Powerful for the smallest of spaces

### OLSBERG High line dynamic storage heaters

The High line dynamic storage heater's extremely favourable dimenstions mean that it can be used in the smallest of spaces. The standard storage heater's design will integrate itself harmoniously into almost any living environment and will fit into niches and room corners. Thanks to the recessed operating elements, this "powerful" unit is very comfortable to operate.

High line dynamic storage heaters are available with two output ratings, i.e. with 4 kW or 6 kW nominal consumption.

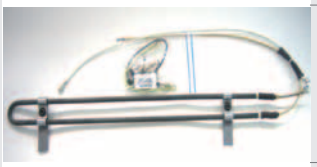
### Benefits at a glance

- Compact heater sizes: Depth: 35 cm, including integral wall-clearance grille, width: 67 cm
- Two output ratings with 4 kW and 6 kW, with variable heating element ratings
- Tidy, functional and recessed operating elements
- Extensive range of accessories

# Overview of storage heater accessories

Storage heater accessories

## TECHNICAL DATA

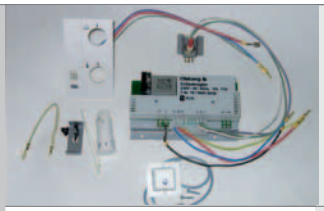
| | | | Type or Type No. | Auxiliary heater (kW) | Description | Order No. |
|---|---|---|---|---|---|---|
| **OLSBERG auxiliary heater with overheating prevention** | | | 14/512-3<br>14/513-3<br>14/514-3<br>14/515-3<br>14/516-3<br>14/517-3 | 0.5<br>1.0<br>1.0<br>1.5<br>1.5<br>1.5 | for Carat standard storage heater | 14/5121.1801<br>14/5131.1801<br>14/5141.1801<br>14/5151.1801<br>14/5151.1801<br>14/5151.1801 |
| | |  | 14/564-3<br>14/565-3<br>14/566-3<br>14/567-3<br>14/568-3 | 1.0<br>1.0<br>1.5<br>1.5<br>1.5 | for Profil Super Slim line storage heater | 14/5131.1801<br>14/5131.1801<br>14/5151.1801<br>14/5151.1801<br>14/5151.1801 |
| | | | 14/553-3<br>14/554-3<br>14/556-3 | 1.0<br>1.5<br>1.5 | for Century Low line storage heater | 14/5141.1801<br>14/5151.1801<br>14/5151.1801 |
| | | | 14/543-3 | 0.5 | for Impact Under worktop unit | 14/5431.1801 |
| | | | 14/534-3<br>14/536-3 | 1.0<br>1.0 | for Montana High line | 14/5341.1801<br>14/5341.1801 |
| **OLSBERG automatic charger** | | | **US 4 Automatic charge control** | | Microcomputer with forwards, reverse and charging time spread, for all clock-signal-controlled OLSBERG storage heaters | 75/9671.1440 |
| | | | **ZG 5 Automatic charge controller unit with weather sensor for forward control** | | for all clock-signal-controlled OLSBERG storage heaters | 75/9671.1450 |
| | | | **WS 4 Charge control unit (controllable) for several residential units** | | and for extending a storage heater installation – state-of-the-art digital technology | 75/9679.1404 |

Subject to technical change

# Overview of storage heater accessories

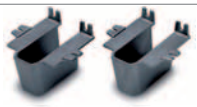
## TECHNICAL DATA

Storage heater accessories

| | | Type or Type No. | Auxiliary heater (kW) | Description | Order No. |
|---|---|---|---|---|---|
| |  | **Electronically integrated room-temperature control** | | for OLSBERG standard storage heater<br>for OLSBERG Super Slim storage heater<br>for OLSBERG Low line storage heater<br>for OLSBERG chimney storage heater | 14/5121.1590<br>14/5121.1590<br>14/5121.1590<br>14/5341.1590 |
| **OLSBERG room-temperature control** | | **Room thermostat (Standard version) RTR-E 6120** | | 5 - 30 °C, differential gap approx. 0.5 K 1 opener 10(4)A, IP 30/protective insulation, pure white | 75/9681.6120 |
| | | **Room thermostat with booster switch (Comfort version) RTR-E 6202** | | 5 - 30 °C, differential gap. 0.5 K 1 opener 10(4)A, switch: On/Off control lamp, IP 30/protective insulation, temperature reduction (TA) approx. 5 K above external timer possible, pure white | 75/9681.6202 |
| | | **Room thermostat as above with direct acting boost RTR-E 6180** | | 5 - 30 °C, differential gap approx. 0.5 K 1 opener 10(4)A, switch: On/Off switch and control lamp for auxiliary heater On/Off, IP 30/protective insulation, pure white | 75/9681.6180 |
| **OLSBERG thermal switching relay** | Thermal switching relay for installation in the heater. This means that the distributor doesn't require a switching relay. | 14/512-3<br>14/513-3<br>14/514-3<br>14/515-3<br>14/516-3<br>14/517-3 | | for OLSBERG standard storage heater | 14/5121.1580 |
| | | 14/553-3<br>14/554-3<br>14/556-3 | | for OLSBERG Low line storage heater | 14/5531.1580 |
| | | 14/534-3<br>14/536-3 | | for OLSBERG chimney storage heater | 14/5341.1580 |

Subject to technical change

## TECHNICAL DATA

| | | Type or Type No. | Description | Order No. |
|---|---|---|---|---|
| **OLSBERG Floor-wall consoles** | | 14/512-3<br>14/513-3<br>14/514-3<br>14/515-3<br>14/516-3<br>14/517-3 | for standard storage heater | 14/5121.9210 |
| | | 14/522-3<br>14/523-3<br>14/524-3<br>14/525-3<br>14/526-3<br>14/527-3 | and standard storage heater with StandAloneControl, graphite grey, RAL 7024 | |
| |  | **Floor-standing consoles** | for Super Slim storage heater graphite grey, RAL 7024 | 14/4631.9210 |
| | | **Feet** | for wall consoles for OLSBERG Super Slim storage heater (on non-supporting walls) | 14/4631.9230 |
| **OLSBERG Replacement filter set** | | 14/512-3<br>14/513-3<br>14/514-3 | for 2-4 kW standard storage heater | 14/5121.9299 |
| | | 14/522-3<br>14/523-3<br>14/524-3 | and standard storage heater 2-4 kW with StandAloneControl | |
| | | 14/515-3<br>14/516-3<br>14/517-3 | for 5-7 kW standard storage heater | 14/5161.9299 |
| | | 14/525-3<br>14/526-3<br>14/527-3 | and 5-6 kW standard storage heater with StandAloneControl | |
| | | 14/564-3<br>14/565-3<br>14/566-3<br>14/567-3<br>14/568-3 | for Super Slim storage heater | 14/5631.9299 |
| | | 14/553-3<br>14/554-3<br>14/556-3 | for Low line storage heater | 14/5531.9299 |

Subject to technical change

# OLSBERG Static storage heater

## Innovation from Olsberg
## Homely warmth — newly designed

Olsberg also offers static storage heaters in seven different sizes in order to complement their range of dynamic storage heaters, so successfully marketed throughout the world.
Static storage heaters emit their heat via their outer surfaces and through natural convection.

## The advantages of the ASTRAL

- Compact heater dimensions
- Attractive, pleasant design
- Simple, functional controls
- Air outlet from the front for an optimal heat dispersion.
- Specially formed convection chamber and special brick geometry allow even discharge
- High quality thermal insulation
- Only highest quality components used
- Conforms to national and international safety and quality standards
- Heater colour RAL 9010 – pure white and RAL 7024 – graphite grey

## Thirteen ratings
## in four heater sizes!

Olsberg offers the suitable heater for all requirements. With the wide range of ratings there is certainly an ideal solution for your requirements.
The attractive design allows the ASTRAL static storage heater to harmonise with almost any dwelling.

# ASTRAL storage heater

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. |
|---|---|---|---|
| Manual storage heater | 0.85 kW | 540 x 796 x 220 | **14/691-3** |
| Manual storage heater | 1.7 kW | 540 x 972 x 220 | **14/692-3** |
| Manual storage heater | 2.55 kW | 540 x 1148 x 220 | **14/693-3** |
| Manual storage heater | 3.4 kW | 540 x 1324 x 220 | **14/694-3** |
| Automatic storage heater | 1.7 kW | 540 x 972 x 220 | **14/692-4** |
| Automatic storage heater | 2.55 kW | 540 x 1148 x 220 | **14/693-4** |
| Automatic storage heater | 3.4 kW | 540 x 1324 x 220 | **14/694-4** |

# ASTRAL Auto Combi storage heater

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. |
|---|---|---|---|
| Auto Combi storage heater | 1.70/0.92 kW | 630 x 565 x 200 | **14/712-4** |
| Auto Combi storage heater | 2.55/1.38 kW | 630 x 785 x 200 | **14/713-4** |
| Auto Combi storage heater | 3.40/1.84 kW | 630 x 1005 x 200 | **14/714-4** |

# ASTRAL Combiheater – two heating systems in one appliance

## ASTRAL Combiheater

The ASTRAL Combiheater gives you two heaters in one appliance. It is the ideal combination of a static storage heater and an integral electric convector heater and offers flexible heating comfort at any time of the year.

**Well laid-out controls dynamic storage heater.**

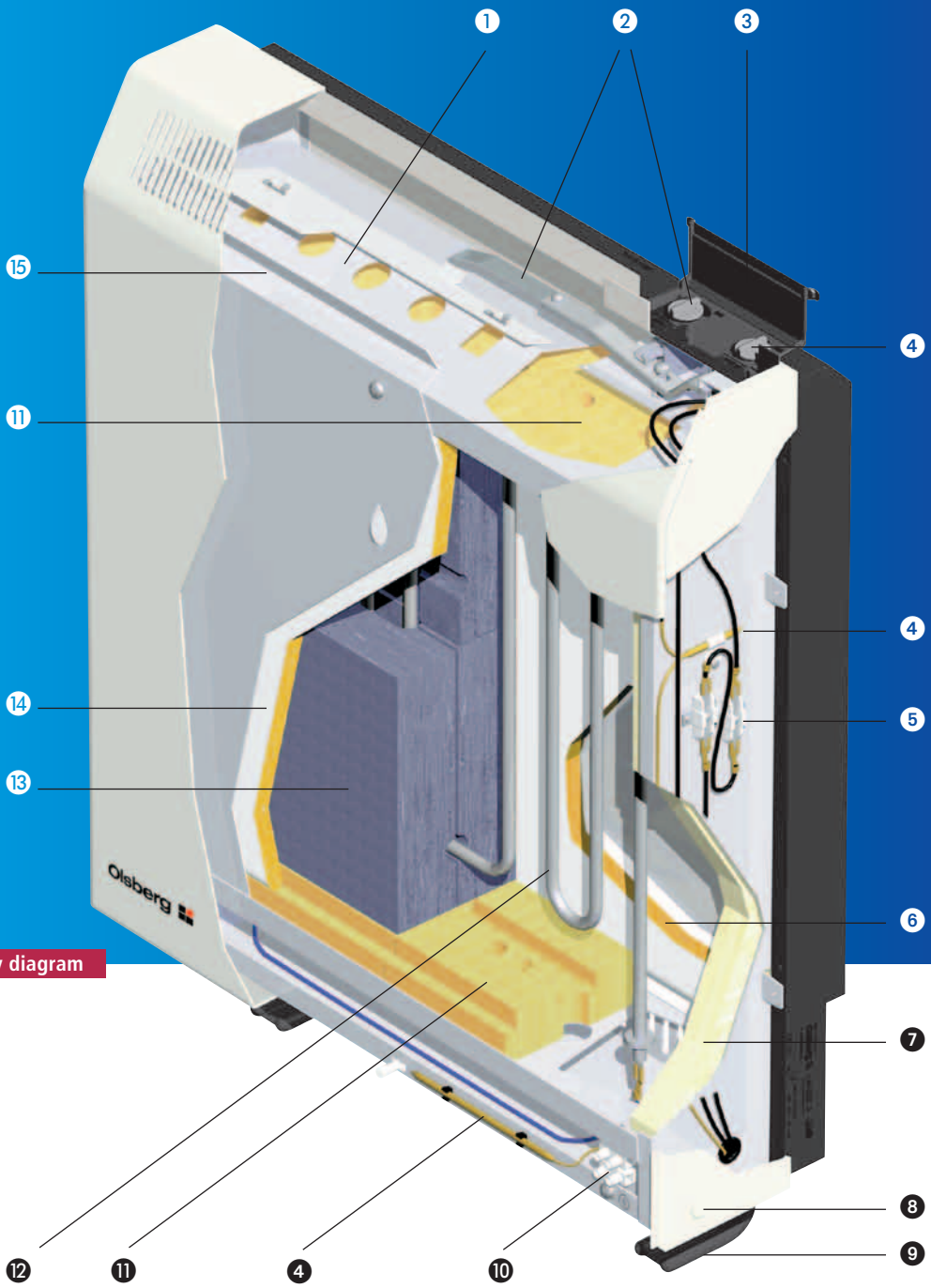
# ASTRAL Fan assisted storage heater

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. |
|---|---|---|---|
| Fan assisted storage heater | 2.55/1.38 kW | 630 x 785 x 200 | **14/723-6** |
| Fan assisted storage heater | 3.40/1.84 kW | 603 x 1005 x 200 | **14/724-6** |

## ASTRAL Fan assisted storage heater

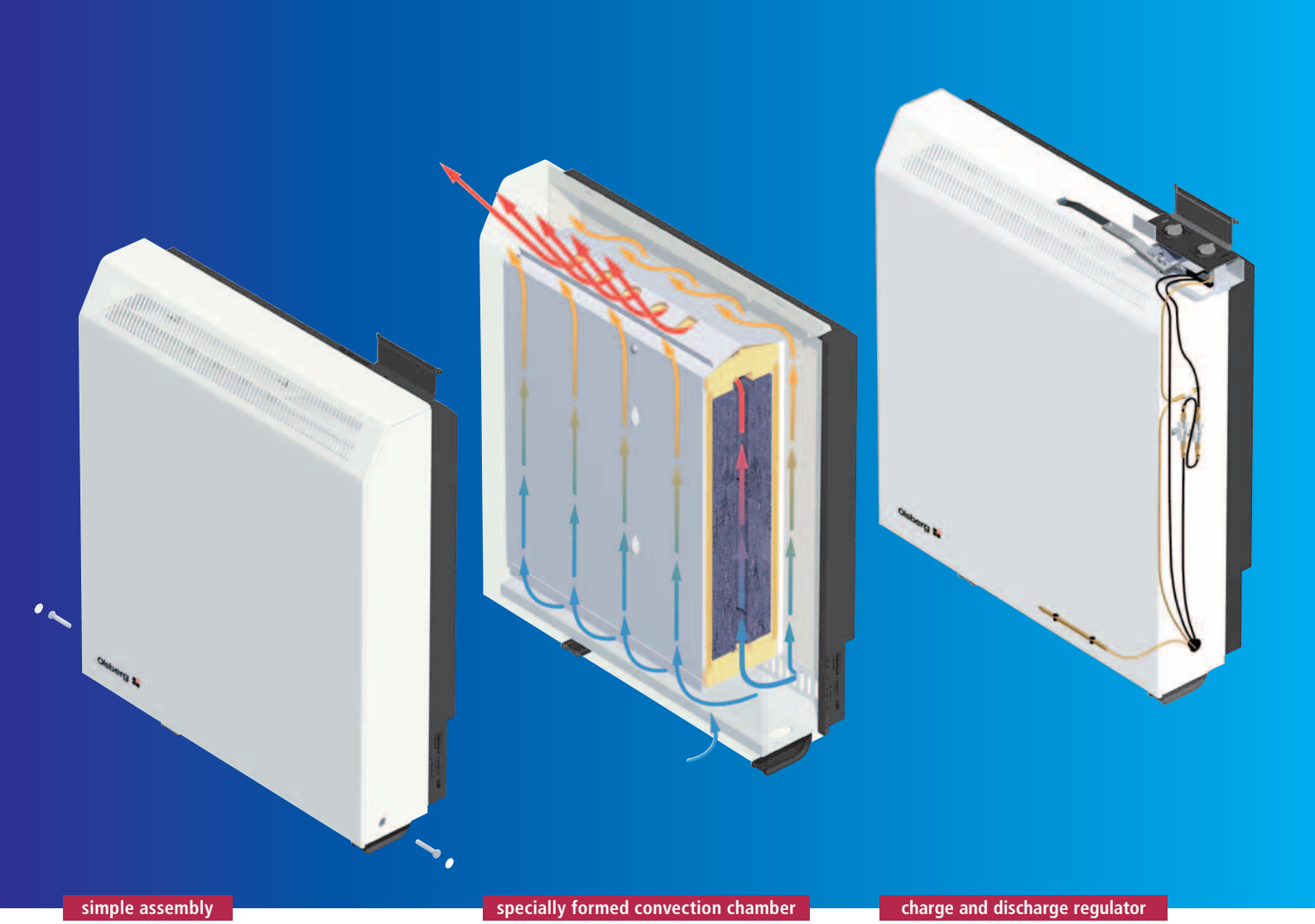
With heat outputs of 2.55/1.38 kW and 3.4/1.84 kW respectively, two models offer improved heating performance courtesy of increased insulation properties and an inbuilt control fan. Plus, as well as providing slow release background warmth, the models also offer direct heating capabilities. As the inbuilt fan continuously absorbs air from the room, it is able to detect when the heaters core temperature drops below that of the set room temperature. Upon doing so, the direct element will automatically activate in order to provide supplementary heat. Both models feature top-positioned, concealed heat controls and a single top-positioned grille provides maximum heat output whilst reducing running noise from the fan.

- Models range from 2.55 kW to 3.4 kW
- Special Low Noise Fan
- Built in Boost element for Supplementary Heating
- Thermostatic controls
- Unique 3 year guarantee




**ASTRAL Cut-away diagram**

1. Specially formed convection chamber
2. High-efficiency bimetal discharge regulator
3. Cover plate for controls
4. High quality capillary-tube charge regulator, automa tic version with double capillary tube for additional room temperature measure-ment.
5. Bimetal charge monitor, automatic with 2 safety cut-outs
6. 2-layer thermal insulation at the rear
7. Mineral wool insulation
8. Covered cabinet screws
9. Stable cabinet supporting feet
10. Electrical connection terminals clearly laid out and easily accessible.
11. Vermiculite thermal insulation
12. High quality Chrome-Nickel heating elements
13. Feolite storage core with specially high core density
14. Microtherm G thermal insulation
15. One-piece cabinet front with cover plate and integral air-outlet grille



simple assembly

specially formed convection chamber

charge and discharge regulator

# PERFECTION
# ASTRAL – Technology that convinces

## Simple assembly

The ASTRAL static heater features are convincing in every way.

- Slim cabinet form - compact dimensions
- Good-looking, attractive design
- Galvanised cabinet in two-tone colour; stove-enamelled for long life and easy maintenance
- Efficient thermal insulation made of Microtherm G, Vermiculite and mineral wool
- High quality Feolite storage core
- Simple and clearly laid out controls

## specially formed convection chamber

- Cover plate for controls
- Robust cabinet construction with separate one-piece internal cabinet, Patent pending
- Specially formed convection chamber across the entire core width with integral hot air outlet and a special brick geometry for a uniform core discharge
- Closed heating element conduits and air outlet openings with special thermal covering guarantee extra low heater base temperatures and thus allow an electrical connection using standard plastic-sheathed cables

## charge and discharge regulator

- High-efficiency bimetal discharge regulator
- High quality capillary-tube charge regulator for an exact heater charge according to requirements
- „Automatic" version with double¬capillary-tube regulator to measure room temperature = 90 % influence on the charge
- High-quality bimetal high temperature safety regulator
- „Automatic" version with 2 high temperature safety regulators, conforming to EU safety standards

# OLSBERG Storage Heaters – Overview

Static Storage Heaters

## TECHNICAL DATA

| | | Typ-No. | Selectable nominal rating (kW) | | Nominal charge (kWh) | Dimensions (H x W x D) in mm ③ |
|---|---|---|---|---|---|---|
| **ASTRAL** manual | | 14/691 ④<br>14/692<br>14/693<br>14/694 | 0.85<br>1.70<br>2.55<br>3.40 | | 6.8<br>13.6<br>20.4<br>27.2 | 630 x 345 x 170*<br>630 x 565 x 170*<br>630 x 785 x 170*<br>630 x 1005 x 170* |
| **ASTRAL** automatic | | 14/692<br>14/693<br>14/694 | 1.70<br>2.55<br>3.40 | | 13,6<br>20.4<br>27.2 | 630 x 565 x 170*<br>630 x 785 x 170*<br>630 x 1005 x 170* |
| **ASTRAL** Combiheater | | | Storage | Direct | | |
| | | 14/712 | 1.70 | 0.92 | 11.90 | 630 x 565 x 200* |
| | | 14/713 | 2.55 | 1.38 | 17.85 | 630 x 785 x 200* |
| | | 14/714 | 3.40 | 1.84 | 23.80 | 630 x 1005 x 200* |
| **ASTRAL** Fan assisted | | 14/723 | 2.55 | 1.38 | 17.85 | 630 x 785 x 200* |
| | | 14/724 | 3.40 | 1.84 | 23.80 | 630 x 1005 x 200* |

Voltage
3/N/PE ~ 400 V
3/PE ~ 230 V (with adapter kit)
1/N/PE ~ 230 V

* incl. integral wall-clearance grille

① variable-connection heating element ratings
② adjustable to 840 mm, plus working top
③ height without adjustable feet; feet height 70 mm

| Weight (ca. kg) | Day-acting element (kW) | Day-acting element | Floor plinth | Wall-mounting console | Low-noise thermal relay | Automatic charge control US 4 / ZG 5 / WS 4 | Integral room thermostat | Wall-mounted room thermostat |
|---|---|---|---|---|---|---|---|---|
| 48 | | | | | | | | |
| 89 | | | | | | | | |
| 130 | | | | | | | | |
| 171 | | | | | | | | |
| 69 | | | | | | | | |
| 89 | | | | | | | | |
| 130 | | | | | | | | |
| 171 | | | | | | | | |
| 90 | 0,92 | Factory-fitted | | | | | | |
| 130 | 1,38 | | | | | | | |
| 172 | 1,84 | | | | | | | |
| 89 | | | | | | • | | |
| 130 | | | | | | | | |

[x] Typ 1 heater- without convection plate
[x] automatic = 90 % room temperature influence

The weights are including storage bricks, without packing and accessories

• = available as an accessory

We reserve right to make any technical changes.

Glass radiant heaters

Scale 1 : 25

# ORAYONNE

| Designation | Dimensions in mm W x H x D | white -1 or black -2 Order No. | Accessory No. |
|---|---|---|---|
| 180 W Glass radiant panel | 445 x 600 x 59 | **15/225-1** | 1, 9-12 |
| 310 W Glass radiant panel | 445 x 1000 x 59 | **15/226-1** | 2, 9-12 |
| 440 W Glass radiant panel | 445 x 1400 x 59 | **15/227-1** | 3, 9-12 |
| 570 W Glass radiant panel | 445 x 1800 x 59 | **15/228-1** | 4, 9-12 |
| 270 W Glass radiant panel | 600 x 600 x 59 | **15/235-1 or -2** | 5, 9-12 |
| 470 W Glass radiant panel | 600 x 1000 x 59 | **15/236-1 or -2** | 6, 9-12 |
| 670 W Glass radiant panel | 600 x 1400 x 59 | **15/237-1 or -2** | 7, 9-12 |
| 870 W Glass radiant panel | 600 x 1800 x 59 | **15/238-1 or -2** | 8,10-12 |

# Accessories
## ORAYONNE

### Comfort

- Eight different Orayonne systems and performance categories
- Easy assembly – ready-made equipment modules
- Horizontal/vertical, diagonal and ceiling installation possible
- Niche/edge gap only 20 mm
- OC 1* remote room-temperature control
  *for latest BUS technology
- The wall bracket consists of one drilling template that may be used to install all Orayonne versions vertically, horizontally, diagonally and in ceilings
- All fitted components may be accessed and replaced through the rear section, which is secured by screws

### Design

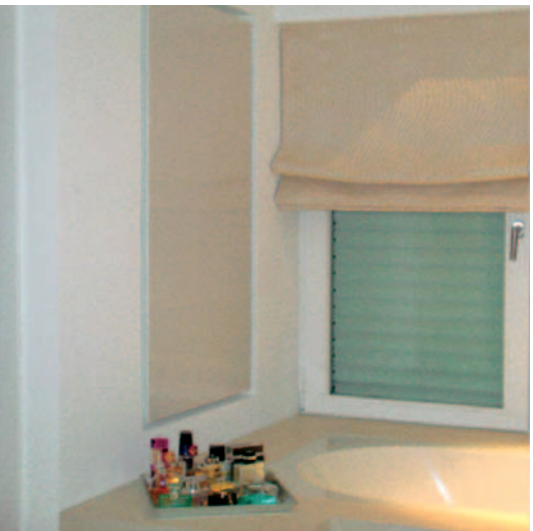
- ESG = Single-pane safety glass
- High-quality WHITE glass
- Metal body polished in WHITE
- Glass edges with three-fold C-finish
- Glass thickness: 6 mm
- Round corner profiles on the glass body
- Panel facings for all accessible areas
- Concealed supply
- 59 mm deep after installation

### Safety

- Welded metal body
- Very low EMD
- VDE-tested
- Ceiling installation additionally secured with stainless-steel clips

| No. | Designation | Order No. |
|---|---|---|
| 1 | Rear infill kit for 180 W radiator heater | **15/2251.9280** |
| 2 | Rear infill kit for 310 W radiator heater | **15/2261.9280** |
| 3 | Rear infill kit for 440 W radiator heater | **15/2271.9280** |
| 4 | Rear infill kit for 570 W radiator heater | **15/2281.9280** |
| 5 | Rear infill kit for 270 W radiator heater | **15/2351.9280** |
| 6 | Rear infill kit for 470 W radiator heater | **15/2361.9280** |
| 7 | Rear infill kit for 670 W radiator heater | **15/2371.9280** |
| 8 | Rear infill kit for 870 W radiator heater | **15/2381.9280** |
| 9 | Radio thermostat set transmitter/receiver | **15/2381.9260** |
| 10 | Radio receiver | **15/2381.9261** |
| 11 | Radio transmitter | **15/2381.9262** |
| 12 | Room thermostat with cable connection | **15/2381.9270** |
| 13 | Glass panel retaining bracket (ceiling mounted units only) | **15/2381.9290** |

# The ORAYONNE well-being zone



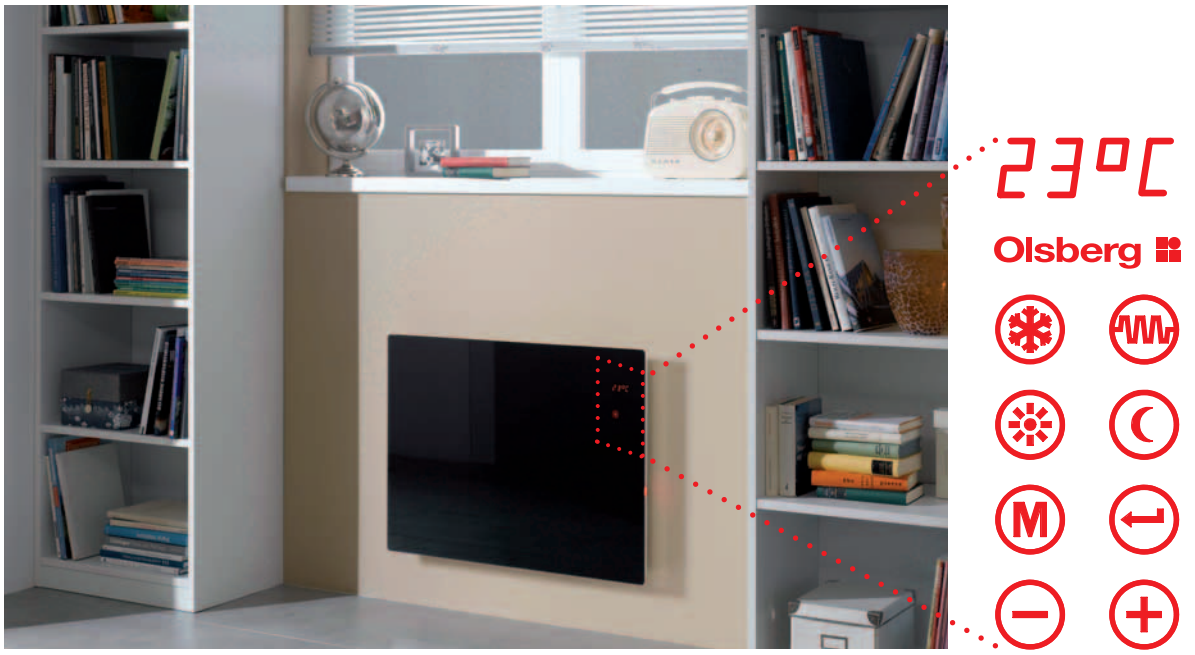
People absorb most of the heat they're exposed to through the skin. The mild radiated heat relaxes the vegetative nervous system, which is located immediately under the skin.

At a temperature radiated from the Orayonne glass surfaces of up to a maximum of 100 °C, the radiated heat is perceived to be particularly mild and healthy – just like being out in the sun.

**Comfortable control**
Programmable with OC1 (radio remote control room-temperature control) and OC2 (room-temperature control). The Orayonne may be equipped with a concealed electronic receiver for the OC1 remote control.

# ORAYONNEplus

# ORAYONNEplus




ORAYONNEplus
Touch-Panel

The Glass-radiation convector from Olsberg ORAYONNEplus heats primarily with pure radiation heat, which directly warms up persons, objects and ambient areas.

Convection leads to additional heat output by delivering air over the air outlet on the rear side of the heater.

Illuminated central switch, heat operation display, child protection.

The ORAYONNEplus can be activated by telephone or mobile.

Simple installation by wall fixation, also suitable as a drill template.

Heater can be swung forward for easy cleaning.

Simple operation by using the touch panel on the front of the heater glass. Separate setting for comfort, reduced and anti-freezing temperature.

Integrated room thermostat with 4 operation modes:

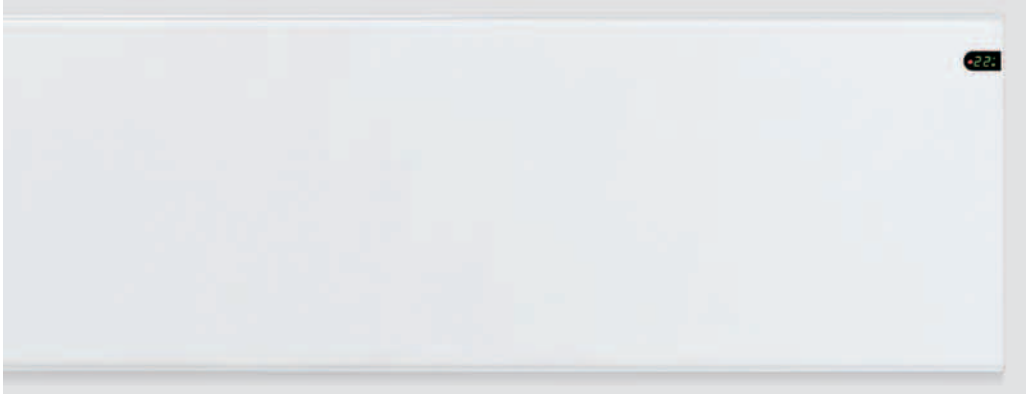
- HAND (Without time programs)
- HOME (Private rooms)
- OFFICE (Office rooms)
- CABINE (Weekend cottages)

| **Typ ORAYONNEplus** | 15/335-1 white<br>15/335-2 black | 15/336-1 white<br>15/336-2 black | 15/337-1 white<br>15/337-2 black | 15/338-1 white<br>15/338-2 black |
|---|---|---|---|---|
| Total rating | 1000 W | 1500 W | 2000 W - horizontally - | 2000 W - vertically - |
| Single rating Radiation/convection | 250 W / 750 W | 375 W / 1125 W | 500 W / 1500 W | 580 W / 1420 W |
| Dimensions H x W x D* | 600 x 600 x 78 mm | 600 x 800 x 78 mm | 600 x 1000 x 78 mm | 1400 x 600 x 78 mm |
| Weight | 12 kg | 15 kg | 18 kg | 29 kg |
| Voltage | 1/N/PE ~ 230 V | | | |
| Protection class | I (protective conductor terminal) / IP24 (splash protection) | | | |
| Certification label | VDE-GS | | | |
| Setting range | 5 °C to 30 °C | | | |
| Suitable for rooms** | 16 to 33 $m^2$ | 23 to 50 $m^2$ | 33 to 66 $m^2$ | 33 to 66 $m^2$ |
| Accessorie Towel rail | 15/3351.9200 | 15/3361.9200 | 15/3371.9200 | 15/3351.9200 optional positioning |

* Heater depth incl. integrated wall fixation.
** Approximate indications. For a correct dimensioning a room heat requirement calculation is necessary.

# Comfort and Design

| Designation | Dimensions l x w x h in mms | Order no. |
|---|---|---|
| Panel heater Noblesse 400 W | 474 x 370 x 80 | **15/251-3** |
| Panel heater Noblesse 600 W | 589 x 370 x 80 | **15/252-3** |
| Panel heater Noblesse 800 W | 704 x 370 x 80 | **15/253-3** |
| Panel heater Noblesse 1000 W | 762 x 370 x 80 | **15/254-3** |
| Panel heater Noblesse 1200 W | 934 x 370 x 80 | **15/255-3** |
| Panel heater Noblesse 1400 W | 1049 x 370 x 80 | **15/256-3** |
| Panel heater Noblesse 2000 W | 1394 x 370 x 80 | **15/258-3** |



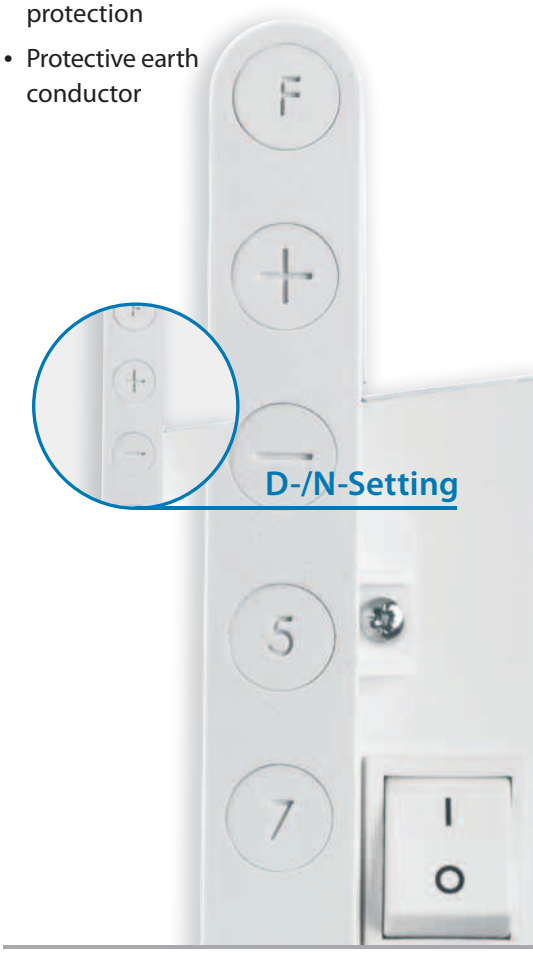
# Noblesse

## Comfort

- Air outlet at the back
- Immediate warmth
- Even air distribution
- Pleasant feeling even at small distance
- Integrated control panel
- Control by LED display
- Day- and night setting
- About 25 % energy saving per year
- Installation in a niche possible
- Simple installation
- Easy cleaning + maintenance

## Safety

- Child-friendly
- No danger of burning on the surface and on the air outlet grill
- Childproof against adjusting
- Overheating protection
- Protective earth conductor




## Design

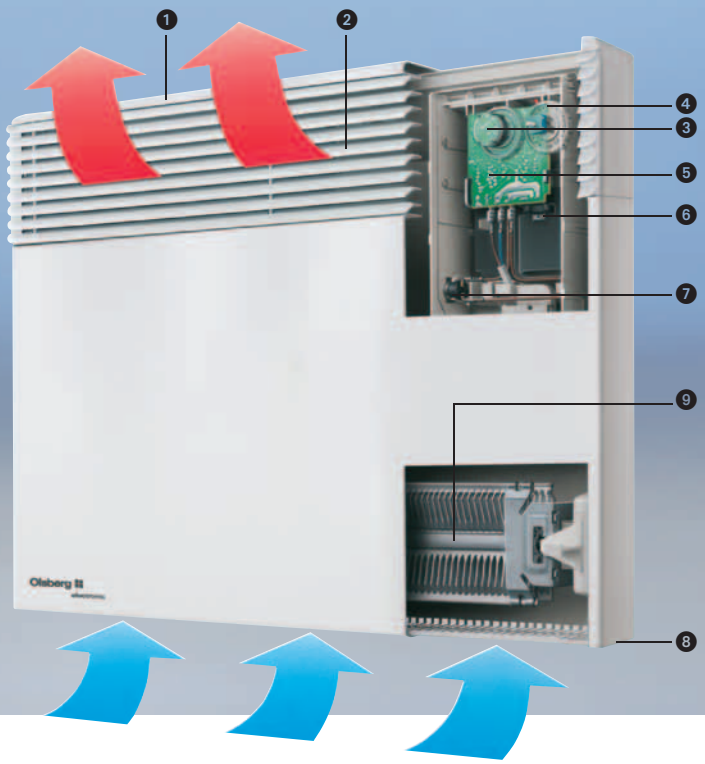
- Perfect in function and design
- Elegant, slim + timeless
- Brand awareness by colour pure white RAL 9016
- Design by:
  Hareide Designmill AS
  (SAB Stardesigner) honoured

| Rating | Length | Width | Depth* |
|---|---|---|---|
| 400 W | 474 mm | 370 mm | 80 mm |
| 600 W | 589 mm | 370 mm | 80 mm |
| 800 W | 704 mm | 370 mm | 80 mm |

| Rating | Length | Width | Depth* |
|---|---|---|---|
| 1000 W | 762 mm | 370 mm | 80 mm |
| 1200 W | 934 mm | 370 mm | 80 mm |
| 1400 W | 1049 mm | 370 mm | 80 mm |
| 2000 W | 1394 mm | 370 mm | 80 mm |

* Wall fastening incl.

1. Epoxy-coated housing
2. Slatted air-outlet grille
3. Selection switch
   ☼ = normal mode
   ◗ = lowered by 4 °C
   0 = off
4. Potentiometer for setting the desired room temperature' (★ – 9 ≙ 5-35 °C)
5. Room temperature controlled with electronic circuit board
6. Power triac (for noiseless switching)
7. Safety temperature monitor
8. Room-temperature sensor (concealed in the rear wall of the heater)
9. Specially shaped "RX-Silence" aluminium wing radiator



# Confort panel heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D | Order No. |
|---|---|---|---|
| Confort panel heaters | 500 W | 440 x 340 x 80 | **15/192-5** |
| Confort panel heaters | 1000 W | 440 x 420 x 80 | **15/194-5** |
| Confort panel heaters | 1500 W | 440 x 580 x 80 | **15/196-5** |
| Confort panel heaters | 2000 W | 440 x 740 x 80 | **15/198-5** |
| Confort panel heaters | 2400 W | 440 x 800 x 80 | **15/199-5** |

# Heating – fast and easy

## Confort panel heaters with electronic thermostat

Confort's benefits come into their own particularly as the seasons change. Direct heaters are preferably used where permanent heating is not required. They allow such secondary rooms as hobby rooms, guest WCs, cellars, house bars, bathrooms and bedrooms to be quickly and easily heated.

The range is particularly suitable for all kinds of bathrooms as all the heaters possess protective insulation and are splash-proof.

OLSBERG convector heaters create natural convection within the room.

Cool air in the room is conveyed from below into the Confort where it is heated by specially shaped aluminium wing radiators and then evenly discharged through the slatted air-outlet grille.

Direct heat –
and you can take that literally!
Heat is emitted silently and with three times the heat distribution area on the special aluminium wing radiators, it is emitted three to four times faster than by conventional radiators.

The electronic digital control ensures that the desired temperature is maintained to a precision of 0.1 °C.

The temperature may be reduced by 4 °C with the night-reduction switch.

The beautifully designed and compact housing is available in four scaled rating classes, i.e. from 500 to 2400 W.

**Two versions**

**Model 15/212-1**
with temperature control

**Model 15/212-2**
with temperature control and timer function

# Fan Heaters

| Heater | Nominal consumption | Dimensions in mm H x W x D * | Order No. |
|---|---|---|---|
| Quick Heater | 2000 W | 380 x 270 x 130 | **15/212-1** |
| Quick Heater with timer function | 1200 + 800 W | 380 x 270 x 130 | **15/212-2** |

* including wall fastening

# Heat – where it's needed

## OLSBERG Quick Heaters with thermostat

OLSBERG Quick Heaters are particularly well suited for bathrooms / showers and WCs

These heaters come with room thermostats and fans for rapid air circulation as standard. An easily cleaned filter protects them from fluff.

The OLSBERG Quick Heater in the version with the 60-minute timer will always provide heat when and as it's required. During the time set, the heater will heat at full power and then maintain the set temperature at lower power.

For your protection, all OLSBERG Quick Heaters possess protective insulation and are splash-proof.

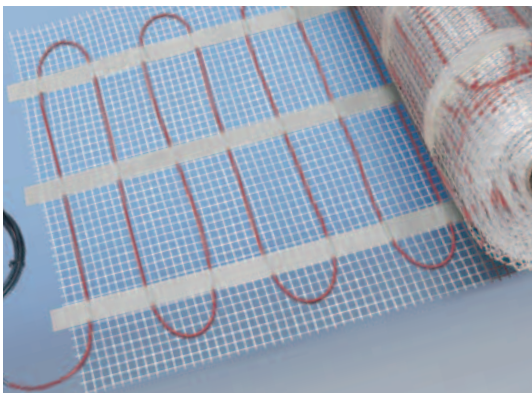
The heater is connected to the 230-Volt mains using the supplied mains cable and standardised European plug.

# TWIN HM Under floor heating

Twin-pole heater mat for laying directly Under floor coverings fully shielded.
Ready-made with a glass-fibre mesh, low electro-smog values,
only one PTC thermistor.

| | | |
|---|---|---|
| Standard rating: | 150 W/m² | |
| Voltage: | 230 V | Outer insulation: PVC |
| Mat width: | 0.5 m | |
| Mat thickness: | 3.2 mm | Degree of protection: IPx7 |
| PTC thermistor length: | 3.0 m | Approval: IEC / EN 60335-2-96 |

| Order No. | Length (m) | m² | Watt (W) |
|---|---|---|---|
| **15/291-1** | 2.0 | 1.0 | 150 |
| **15/292-1** | 3.0 | 1.5 | 225 |
| **15/293-1** | 4.0 | 2.0 | 300 |
| **15/294-1** | 5.0 | 2.5 | 375 |
| **15/295-1** | 6.0 | 3.0 | 450 |
| **15/296-1** | 7.0 | 3.5 | 525 |
| **15/297-1** | 8.0 | 4.0 | 600 |
| **15/298-1** | 9.0 | 4.5 | 675 |
| **15/299-1** | 10.0 | 5.0 | 750 |
| **15/300-1** | 12.0 | 6.0 | 900 |
| **15/301-1** | 14.0 | 7.0 | 1050 |
| **15/302-1** | 16.0 | 8.0 | 1200 |
| **15/303-1** | 18.0 | 9.0 | 1350 |
| **15/304-1** | 20.0 | 10.0 | 1500 |
| **15/305-1** | 22.0 | 11.0 | 1650 |
| **15/306-1** | 24.0 | 12.0 | 1800 |



# TWIN HF Under floor heating

Twin-pole heating foil for laying on dry surfaces under floor coverings. Excellent heat distribution through aluminium-coated double-sided-reinforced fabric and closely spaced heating elements. Low electro-smog values, only one PTC resistor.

| | | |
|---|---|---|
| Standard rating: | 80 W/m² | |
| Voltage: | 230 V | |
| Mat width: | 0.5 m | |
| Mat thickness | 1.3 mm | Protective Class: IPx7 |
| PTC thermistor length: | 3.0 m | Approved: IEC/EN 60335-2-96 |

The twin-pole **OLSBERG TWIN-HF heater foil** may be laid on dry surfaces directly under such floor coverings as parquet, laminate and cork.

The aluminium-coated double-sided-reinforced fabric, the heating element distance of 50 mm and the foil thickness of 1.3 mm ensure that the heat is distributed absolutely evenly.

A foil width of 0.5 m and optional lengths of 2.0 m (80 Watt) to 16 m (640 Watt) are available as standard. This permits variable installation in small and even larger areas.

| Order No. | Length (m) | m² | Watt (W) |
|---|---|---|---|
| **15/291-2** | 2.0 | 1.0 | 80 |
| **15/292-2** | 3.0 | 1.5 | 120 |
| **15/293-2** | 4.0 | 2.0 | 160 |
| **15/294-2** | 5.0 | 2.5 | 200 |
| **15/295-2** | 6.0 | 3.0 | 240 |
| **15/296-2** | 7.0 | 3.5 | 280 |
| **15/297-2** | 8.0 | 4.0 | 320 |
| **15/298-2** | 9.0 | 4.5 | 360 |
| **15/299-2** | 10.0 | 5.0 | 400 |
| **15/300-2** | 12.0 | 6.0 | 480 |
| **15/301-2** | 14.0 | 7.0 | 560 |
| **15/302-2** | 16.0 | 8.0 | 640 |
| **15/303-2** | 18.0 | 9.0 | 720 |
| **15/304-2** | 20.0 | 10.0 | 800 |

## Pure comfort

**Order No.**
**75/9687.0002**

**BTR-D1 Digital controller**
**3m floor sensor includedl**

- Self-learning ON / OFF switch optimisation
- 3 modes (automatic / manual / holiday)
- Variable target temperature setting with "Comfort" and "Reduction"
- Week timer with four switching times for each day
- PID control behaviour for saving energy
- Large LCD
- Protective Class II
- Protective Type IP 21
- 3 m floor sensor

# Accessories under floor heating systems

| | Order No. |
|---|---|
| Continuous battery-operated visual and acoustic monitoring of the heating element during installation: | |
| 2 m **Sensor tube** for floor sensor | **75/9689.0001** |
| **Installation tester** | **75/9689.0002** |

**BTR-E1 Electronic controller**
**3m floor sensor included**

- Target temperature may be set manually using the knob on the front
- On / Off confirmation via green LED
- 3 m floor sensor

**75/9687.0001**

olsberg.com

Olsberg

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