Please read carefully through all the information given in this manual. It provides important instruction for the installation and maintenance of the appliance.

After installing the heater, please hand these instructions as well as the operating instruction to the user for safe keeping.

Installation and initial start-up only by a qualified contractor.

Guarantee will only be valid if the appliance has been installed and started up initially by an approved contractor, who is responsible for the observance of applicable standards and installation instructions. We do not accept responsibility for damage arising from the non-observance of these instruction.

1 Application

Universal independant room heaters, wall van vectors VER 75/3-VER 250/3, are designed and manufactured for a wide range of applications: residential and business premises, bathrooms, halls, landings etc.

The VER 100 - 250/3 appliances have a splash-prof enclosure.

---

**Table 1.1 Typenübersicht**

<table>
<thead>
<tr>
<th>Typ</th>
<th>Art.-N.o.</th>
<th>Connected load [kW]</th>
<th>Voltage [V]</th>
</tr>
</thead>
<tbody>
<tr>
<td>VER 75/3</td>
<td>6205</td>
<td>0,75</td>
<td></td>
</tr>
<tr>
<td>VER 100/3</td>
<td>6206</td>
<td>1,00</td>
<td>1/N/</td>
</tr>
<tr>
<td>VER 150/3</td>
<td>6207</td>
<td>1,50</td>
<td>PE~</td>
</tr>
<tr>
<td>VER 200/3</td>
<td>6208</td>
<td>2,00</td>
<td>230</td>
</tr>
<tr>
<td>VER 250/3</td>
<td>6209</td>
<td>2,50</td>
<td></td>
</tr>
</tbody>
</table>

**Legend to fig. 2.1**

1. Air outlet grille
2. Thermostat
3. Switch
4. 1 m connecting lead up to 75/3 ... VER 200/3 with Euro-standard elbow plug
5. Air inlet grille

**Fig. 2.1 Construction VER 75/3**
2 Construction
(Fig. 2.1, page 8)

The housing which accommodates the special-purpose heating unit is provided with air slots underneath and at the front. The air is heated by free convection without a fan.

The cold air enters the appliance on the underside, is heated as it flows past the special heating element and leaves the heater through the air outlet grille.

At the rear, the convector is fitted with a thermostat on which the temperature can be infinitely selected with a dial.

Please note
- The room heater must not be installed underneath a wall socket outlet.
- The room heater must not be permanently wired to the mains.
- The appliance must be installed in the bathroom in such a way that switches, regulating and control elements cannot be touched by a person using the bath or the shower.
- Important! The housing temperature exceeds 60 °C. There is a danger of fire. See warning notice on the appliance.
- Never cover the heater; not even for a short time!
- There is a danger of fire. See warning notice on the appliance.
- Never mount the appliance directly next to a curtain, screens or similar (see fig. 2.2).
• If the heater is left off for a lengthy period or when cleaning it, switch it off with the switch (3, fig. 2.1, page 8) on the side.

• After the installation the line connection has to be accessible.

• The installation and electrical connection of the heater must be carried out by an approved skilled person.

3 Installation

Wall mounting
The heater must be mounted vertically (see fig. 2.1, page 8).

Fix the appliance bracket to the wall as shown in the installation sketch (fig. 3.1 and 3.2), using the enclosed installation materials. See fig. 3.1 on page 9 for installation measurements.

It is essential to maintain the minimum distance of 20 cm from the floor to the lower fixing hole.

Hook the heater into the lower fixing hooks.

Insert the upper fixing clips (7, fig. 3.3) in their positions and press in.

<table>
<thead>
<tr>
<th>Appliance type</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
</tr>
</thead>
<tbody>
<tr>
<td>VER 75/3</td>
<td>340</td>
<td>84</td>
<td>430</td>
<td>289</td>
<td>&gt; 200</td>
</tr>
<tr>
<td>VER 100/3</td>
<td>420</td>
<td>164</td>
<td>430</td>
<td>289</td>
<td>&gt; 200</td>
</tr>
<tr>
<td>VER 150/3</td>
<td>580</td>
<td>324</td>
<td>430</td>
<td>289</td>
<td>&gt; 200</td>
</tr>
<tr>
<td>VER 200/3</td>
<td>740</td>
<td>484</td>
<td>430</td>
<td>289</td>
<td>&gt; 200</td>
</tr>
<tr>
<td>VER 250/3</td>
<td>900</td>
<td>564</td>
<td>430</td>
<td>289</td>
<td>&gt; 200</td>
</tr>
</tbody>
</table>

Distance from wall with appliance bracket 20 mm
4 Electrical connection

The appliance must be connected to a 230 V~ supply via the mains plug. (For the VER 100/3 - VER 200/3).

A PE conductor is not present, since the appliance is of the totally insulated type.

The regulations of the local electricity board must be observed.

The appliance must be installed so that it can be disconnected from the supply before any intervention (e.g., pulling out the mains plug for VER 75/3 - VER 200/3).

The connecting lead is specific to convectors.

Changing the connecting lead must only be carried out by an approved contractor.

Only use original Vaillant special-purpose cables.

5 Starting up

Set the switch (3) to position "I".

The built-in room thermostat keeps the required room temperature constant.

If a room which is not being used is to be protected against frost, set the thermostat knob (2) to position (❄).

5.1 Switch (3)

The heater is switched off when the O marking is visible. Involuntary control is therefore impossible.

The frost protection safeguard is also switched off at this setting.

5.2 Thermostat setting

Pull the two slides off the room thermostat (fig. 5.1).

Fit the slides at both sides of the stop according to the temperature/temperature range.

Position * approx. 4 °C.

Position 7 approx. 20 °C.
## Technische Daten

Für Schäden, die durch Nichtbeachtung dieser Anleitung entstehen, übernehmen wir keine Haftung.

### Technical data

We do not accept responsibility for damage arising through the non-observance of these installation instruction.

<table>
<thead>
<tr>
<th>Typ Art.-Nr.</th>
<th>VER75/3 6205</th>
<th>VER100/3 6206</th>
<th>VER150/3 6207</th>
<th>VER200/3 6208</th>
<th>VER250/3 6209</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anschlußwert connected load</td>
<td>0,75 kW</td>
<td>1,00 kW</td>
<td>1,50 kW</td>
<td>2,00 kW</td>
<td>2,50 kW</td>
</tr>
<tr>
<td>Spannung Voltage</td>
<td>1/ N / PE ~ 230 V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frostschutz frost protection</td>
<td>ca. 4 °C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abmessungen: Dimensions:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Höhe - height</td>
<td>430 mm</td>
<td>430 mm</td>
<td>430 mm</td>
<td>430 mm</td>
<td>430 mm</td>
</tr>
<tr>
<td>Breite - width</td>
<td>340 mm</td>
<td>420 mm</td>
<td>580 mm</td>
<td>740 mm</td>
<td>900 mm</td>
</tr>
<tr>
<td>Tiefe - depth</td>
<td>85 mm</td>
<td>85 mm</td>
<td>85 mm</td>
<td>85 mm</td>
<td>85 mm</td>
</tr>
<tr>
<td>Wandabstand dist. from wall</td>
<td>20 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anschlußkabel Length of connection lead</td>
<td>1 m Anschlußkabel mit Euro-Winkelstecker</td>
<td>1 m supply via mains plug</td>
<td>1 m Anschlußkabel connection lead</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gewicht weight</td>
<td>3,2 kg</td>
<td>3,8 kg</td>
<td>4,9 kg</td>
<td>6,3 kg</td>
<td>7,3 kg</td>
</tr>
<tr>
<td>Schutzart type of enclose</td>
<td>Spritzwasserschutz IP 24, Schutzklasse II entspricht der Niederspannungs- und EMV-Richtlinie IP 24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Data in this valid July 1995. Subject to chance in the course of further development.