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IN 900

Specifications for model IN 902, IN 904 and IN 906

Models with square floating induction coils: IN 902F, IN 904F, IN 906F
Models with round induction coils: IN 902R, IN 904R, IN 906R
Models with combinations of round and square induction coils: IN 904RF and IN 906RFR

Amount of cooking zones: 2, 4, or 6
6 mm thick ceramic top plate

Size of cooking plates:
- Square, floating zones: 300 x 290 mm
- Round zone: Ø 270 mm

Power pr. zone:
- Square, floating zones:
  - 3x400V+PE: 7 kW pr. zone
  - 3x230V+PE: IN 902 7 kW pr. zone but max 10,5 kW for both zones at the same time,
    IN 904 7 kW pr. zone but max. 21 kW for both zones at the same time,
    IN 906 7 kW pr. zone but max. 31,5 kW for both zones at the same time.
  - 3x440V+PE: 7 kW pr. zone

- Round zones
  - 3x400V+PE: 5 kW pr. zone
  - 3x230V+PE: IN 902 5 kW pr. zone
    IN 904 5 kW but max 10,5 kW for all four zones at the same time
    IN 906 5 kW on two zones, 5 kW on the last four zones but max 10,5 kW for all four zones at simultaneous use.
  - 3x440V+PE: 5 kW pr. zone

Heat regulation: Stepless by knob.
Ingress protection class: IPX5
Disconnecter switch on the range

Frame

Fixed frame with manual adjustable height between 850 - 900mm
Shelf under the range follows the height of the range:
- At a height of 850mm the shelf is 250 mm from the floor.
- At a height of 900mm the shelf is 300 mm from the floor
Electric height adjustable frame with a working height between 800-1000mm
Wall mounted with a electrical height adjustable working arbejdshøjde mellem 800-1000mm
Accessory
Sea rail
Hand rail
Shelf to the left, to the right or on both sides
Angles for securing
Extra grease filter
Scraper

<table>
<thead>
<tr>
<th>Number of cooking zones</th>
<th>230 V</th>
<th>400 V</th>
<th>440V</th>
<th>Leak-current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rated power [kW]</td>
<td>Current consumption [L/L/L/L]</td>
<td>Rated power [kW]</td>
<td>Current consumption [L/L/L/L]</td>
</tr>
<tr>
<td>Square, floating</td>
<td>10,5</td>
<td>3x26</td>
<td>14</td>
<td>3x21,2</td>
</tr>
<tr>
<td>Round</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IN 902F</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IN 904F</td>
<td>4</td>
<td>21</td>
<td>3x53</td>
<td>28</td>
</tr>
<tr>
<td>IN 906F</td>
<td>6</td>
<td>31,5</td>
<td>3x79</td>
<td>42</td>
</tr>
<tr>
<td>IN 902R</td>
<td>2</td>
<td>10,0</td>
<td>3x25</td>
<td>10</td>
</tr>
<tr>
<td>IN 904R</td>
<td>4</td>
<td>10</td>
<td>3x25</td>
<td>20</td>
</tr>
<tr>
<td>IN 906R</td>
<td>6</td>
<td>20,5</td>
<td>3x51</td>
<td>30</td>
</tr>
<tr>
<td>IN 904RF</td>
<td>2</td>
<td>20,5</td>
<td>3x51</td>
<td>24</td>
</tr>
<tr>
<td>IN 906RFR</td>
<td>4</td>
<td>30,5</td>
<td>3x77</td>
<td>34</td>
</tr>
</tbody>
</table>

Values for dimensioning of the ventilation referring to VDI 2052

<table>
<thead>
<tr>
<th>230 V</th>
<th>400 V og 440V</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN 902F</td>
<td>735</td>
</tr>
<tr>
<td>IN 904F</td>
<td>1470</td>
</tr>
<tr>
<td>IN 906F</td>
<td>2205</td>
</tr>
<tr>
<td>IN 902R</td>
<td>700</td>
</tr>
<tr>
<td>IN 904R</td>
<td>735</td>
</tr>
<tr>
<td>IN 906R</td>
<td>1435</td>
</tr>
<tr>
<td>IN 904RF</td>
<td>1435</td>
</tr>
<tr>
<td>IN 906RFR</td>
<td>1470</td>
</tr>
</tbody>
</table>

VDI 2052 is a German standard used for dimensioning of ventilation facilities. The values are based on experience with a normal way of use. The real need will vary depending on the efficiency of the appliance, the control and the way of use. The simultaneity factor is not taken into consideration. Also experience values for this can be found in VDI 2052.
Combination of heating zones

IN 902F

IN 902R

IN 904F

IN 904R

IN 906F

IN 906R
Combinations of cooking zones

IN 904RF

IN 906RFR
**Technical data for IN 900**

**Dimensions for IN 902F / IN 902R on legs**

The shelf under the range is 300mm above the floor on a 900 mm height range and 250mm above the floor on a 850 mm height range.

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.
Dimensions for IN 904F / IN 904R / IN 904RF on legs

The shelf under the range is 300mm above the floor on a 900 mm height range and 250mm above the floor on a 850 mm height range.

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.
Technical data for
IN 900

Dimensions for IN 906F / IN 906R / IN 904RFR on legs

The shelf under the range is 300mm above the floor on a 900 mm heigh range and 250mm above the floor on a 850 mm heigh range.

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.
Dimensions for IN 902F / IN 902R on a height adjustable stand

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.

For safety purposes there should be a 50 mm minimum clearance between the range sides/rear and other interior such as walls, tables, machines etc.
Dimensions for IN 904F / IN 904R / IN 904RF on a height adjustable stand

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.

For safety purposes there should be a 50 mm minimum clearance between the range sides/rear and other interior such as walls, tables, machines etc.
Dimensions for IN 906F / IN 906R / IN 906RFR on a height adjustable stand

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.

For safety purposes there should be a 50 mm minimum clearance between the range sides/rear and other interior such as walls, tables, machines etc.
Dimensions for IN 904F wall mounted on a height adjustable stand

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.

For safety purposes there should be a 50 mm minimum clearance between the range sides/rear and other interior such as walls, tables, machines etc.
Dimensions for IN 906F wallmounted on a height adjustable stand

For usage and service purposes a 900 mm minimum clearance is required at the front of the range.

For safety purposes there should be a 50 mm minimum clearance between the range sides/rear and other interior such as walls, tables, machines etc.
Technical data for
IN 900

Shelf on the range

IN 902 with a shelf on legs or as a table top model has to be mounted to the floor by special adjustable feet.

Adjustable foot with a hole for floor mounting
Installation data for IN902 on four legs

Min. 500 mm electrical cable over the floor

Installation data for IN904 on four legs

Min. 500 mm electrical cable over the floor

*But min. 100 mm when placed next to inflammable materials.
Installation data for IN906 on four legs

*But min. 100 mm when placed nexted to inflammable materials.
Installation data for IN902 on a height adjustable stand

Min. 800 mm electrical cable over the floor

Installation data for IN904 on a height adjustable stand

Min. 800 mm electrical cable over the floor

*But min. 100 mm when placed next to inflammable materials.
Installation data for IN 900 wall mounted on a height adjustable stand

Area for mounting the bolts on the wall to reach a working height between 800-1000mm from the floor

*But min. 100 mm when placed next to inflammable materials.
## Electrical Supply of IN 900

When connecting the cooking range, pay attention to the type of supplying network as the cooking range have quite some leak-current to ground.

### Laek current:

<table>
<thead>
<tr>
<th>Model</th>
<th>IN 902F</th>
<th>IN 902R</th>
<th>IN 904F</th>
<th>IN 904R</th>
<th>IN 904RF</th>
<th>IN 906F</th>
<th>IN 906R</th>
<th>IN 906RFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>mA</td>
<td>≤30</td>
<td>≤30</td>
<td>≤60</td>
<td>≤30</td>
<td>≤60</td>
<td>≤90</td>
<td>≤60</td>
<td>≤60</td>
</tr>
</tbody>
</table>

Protection against in-direct touching of live parts must be placed up-stream the appliance by and checked of the electrician.

Please note that IEC 60364-7-707 Particular reliable ground conductors due to the high leak current must be met.

### Installation at TN-net:

Neutral earthing is recommend. If a residual current device (earth leakage breaker) is wanted, the recommendations for TT-network apply.

### Installation at TT-net:

An earth leakage breaker with a trip current of 100mA can be used.
Due to 3-phase rectifiers the earth leakage breaker **must** be a class B type.

### Installation at IT-net:

On IT-networks, appliances having a leak current can usually not be accepted. However, it depends on the isolation monitoring equipment in the installation. Some brands can distinguish between leak current and fault current and some cannot.

There are two ways of using a cooking range on an IT-network:
Use isolation monitoring equipment which can handle the leak current. I.e. Bender type: A-ISOmeter or supply the appliance via an isolating transformer.

**In all cases the end-user must be consulted to find a solution for the leak current**

For more information please refer to the user manual for the appliance.