**SCALA2**

**General description**

Grundfos SCALA2 is a fully integrated, self-priming, compact all-in-one water pump for pressure boosting in domestic applications.

SCALA2 incorporates integrated speed control enabling perfect water pressure at the taps, meaning that the pump performance will increase with increasing demand.

SCALA2 can be installed in three easy steps:
1. Connect the pipes.
2. Prime the pump.
3. Plug the pump into the power outlet and the pump will start.

Grundfos SCALA2 has all the components necessary to ensure a comfortable pressure:

- intelligent controller
- integrated speed-controlled drive
- integrated tank
- integrated sensors
- integrated non-return valve.

**Features**

- Adjustable constant pressure
- Low noise, < 47 dB(A) (in typical use)
- Compact
- Robust and reliable
- Easy installation and self-priming
- Dry-running protection

**Applications**

Grundfos SCALA2 is designed for pressure boosting in one-family houses and apartments.

We recommend SCALA2 for the following applications:
- pressure boosting of city mains water
- pressure boosting of water from roof tank
- pressure boosting of water from break tank
- pressure boosting of water from ground tank
- water supply from shallow wells (< 26 1/4 ft / 8 m).

**Performance**

SCALA2 is suitable for houses with up to three floors and eight tapping points.

Accurate sizing of the pump can be based on the pump curve below and local norms and standards.

**Control panel**

- Grundfos Eye
- Pressure indicator
- Pressure setting buttons
- On/off button
- Reset button
- Alarm indicator lights

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**Graphs and Tables:**

- Performance curve for SCALA2
- Control panel diagram with labels
Exploded view

Thermal protection
SCALA2 incorporates current- and temperature-dependent motor protection.

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage [V] and Frequency [Hz]</th>
<th>Imax [A] and P1 [W]</th>
<th>Thread</th>
<th>Plug</th>
<th>Product number</th>
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</thead>
<tbody>
<tr>
<td>SCALA2</td>
<td>1 x 208-230 60</td>
<td>2.3 - 2.8 550</td>
<td>NPT 1&quot;</td>
<td>NEMA 6-15P</td>
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<tr>
<td>SCALA2</td>
<td>1 x 115 60</td>
<td>5 - 5.7 560</td>
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Operating conditions

Max. ambient temperature: 113°F (45°C)
131°F (55°C) for 1 x 200-240 V, 50 Hz models.

Max. liquid temperature: 113°F (45°C)

Max. system pressure: 145 PSI (10 bar)

Max. inlet pressure: 87 PSI (6 bar)

Max. head: 148 ft (45 m)

Enclosure rating: NEMA 3

Pumped liquid: Clean, fresh water and chlorinated water < 300 ppm.

Markings and approvals

Safety approvals

Drinking water approvals

Subject to alterations.