**Vertical pump**

**V-90-15 to V-260-29**

**Material:** PP

**Immersion depth:** 550 and 650 mm

**Flow rate:** 30 to 260 m³/h

**Delivery head:** up to 30 m LQ

**Motor power:** 7.5 to 30 kW

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**Some typical applications:**

Gas and fume scrubbers, **liquid filtration**, semiconductor and solar cells production, coating equipment, chemical plants, **water treatment plants**, rinsing applications, PCB processing equipment, electroplating equipment, **general mixing and circulation tasks** air scrubbers for ships, disinfection equipment.

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<table>
<thead>
<tr>
<th>Type</th>
<th>Motor power kW</th>
<th>Q max. m³/h</th>
<th>H max. m LQ</th>
<th>Suction side DN</th>
<th>Pressure side DN</th>
<th>Weight kg</th>
<th>Immersion depth mm</th>
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<tbody>
<tr>
<td>V-90-18</td>
<td>7.5</td>
<td>90</td>
<td>18</td>
<td>100</td>
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<td>29</td>
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<td>650</td>
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</table>

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Range of capacity diagram. For best hydraulic performance we use adjusted pump housing and impeller design.

Water temperature 20°C
1450 rpm, 50 Hz
NEES chemical vertical pumps are used to reliably and safely transfer aggressive or highly corrosive fluids and wastewater. **Ever-growing demands** on the pumps, **high runtime expectations**, enhanced **energy efficiency** and highest product safety: These challenges drive us to constantly improve and redefine the existing standards. **100% product safety** for people and equipment is a principle we will not compromise in the sophisticated design of our pumps. Thanks to their innovative and proven construction, vertical pumps of the NEES **V-90-15 to V-260-29** series are very energy efficient, robust, versatile and **absolutely dry-run safe**. Low-vibration operation, insensitivity to solid particles and very low pressure losses distinguish this pump. Solid matter can also be directly transferred from the pump sump, wells, containers or basins.

**Characteristics:**
- All wetted parts made of PP (no metal-to-liquid contact)
- Without intermediate bearing, therefore absolutely dry run safe
- Robust design for longevity
- Motor thermistor protected
- Temperate up to +80°C
- Vapour barrier
- FKM O-rings (EPDM standard)
- Special painting for use in aggressive atmosphere
- Energy efficient design
- Low maintenance, therefore cost-effective operation
- Suction-side NPT thread for connection of suction extension or strainer
- Pressure-side flange DIN2501 - PN 10

**Optionally available:**
- Suction extensions
- Motor fan cover with protective cover
- Suction strainer
- Special O-ring materials
- Horizontal discharge connection
- Mounting flange according to customer requirements
- Flat gasket for tank installation

**We'll happy to advise you**

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