### Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>D50-U-BP</th>
<th>D50S-U-BP</th>
<th>D60-U-BP</th>
<th>D60S-U-BP</th>
<th>D70-U-BP</th>
<th>D70S-U-BP</th>
<th>D80-U-BP</th>
<th>D80S-U-BP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Pool Volume (m³)</td>
<td>42.84</td>
<td>42.84</td>
<td>50.100</td>
<td>50.100</td>
<td>58.116</td>
<td>60.120</td>
<td>68.136</td>
<td>68.136</td>
</tr>
<tr>
<td>Operating Temperature (°C)</td>
<td>15°C</td>
<td>15°C</td>
<td>15°C</td>
<td>15°C</td>
<td>15°C</td>
<td>15°C</td>
<td>15°C</td>
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<tr>
<td>COP</td>
<td>5.15</td>
<td>5.03</td>
<td>5.12</td>
<td>5.01</td>
<td>5.07</td>
<td>5.05</td>
<td>5.03</td>
<td>5.03</td>
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<tr>
<td>COP up to 20.04</td>
<td>5.15</td>
<td>5.03</td>
<td>5.12</td>
<td>5.01</td>
<td>5.07</td>
<td>5.05</td>
<td>5.03</td>
<td>5.03</td>
</tr>
</tbody>
</table>

**Performance Condition:**
- Air 27°C/ Water 26°C/ Humidity 80%
- Air 15°C/ Water 26°C/ Humidity 70%
- Air 10°C/ Water 26°C/ Humidity 64%

### Turbo Series

**Swimming Pool Inverter Heat Pump**

![Turbo Series Swimming Pool Inverter Heat Pump](image)

**COP up to 20.04**

*at 27°C/ Water 26°C/ Humidity 80%*

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The data above is only for reference. For model specifications, please refer to the nameplate on the unit.
**Smart App Remote Control**

On a business trip or a holiday travel? Set and check your pool temperature via the app in your smartphone. The pool temperature is just at your fingertips.

**Full DC Inverter Technology**

PHNIX full DC inverter technology enables the heat pump to adjust its strength from 10% to 90% according to the requirements. With this technology, PHNIX Turbo Series can reach a COP as high as 20.04 at Air 27°C/ Water 26°C/ Humidity 80%, which is certified under TÜV Rheinland.

As on the basis of Europe norm EN14511-3(FPP Classification), PHNIX Turbo Series is certified to class A energy level:

- Classe A : COP ≥ 5
- Classe B : 4.5 ≤ COP < 5
- Classe C : 3.5 ≤ COP < 4.5
- Classe D : COP < 3.5

**28dB(A) Low Noise at 10m Distance**

PHNIX Turbo Series Pool Heat Pump is specially designed with a silence mode to create a comfortable living environment at night for users. Under silence mode, the heat pump is running at 28dB(A) low noise.

**Soft Starter**

The Turbo Series achieves completely soft switching at the startup stage from an intensity of 0A to 28A (at maximum), while the normal ON/OFF heat pumps start in a current intensity over 3 times higher, which will greatly impact the family electricity system.

**Sliding Defrost Technology**

PHNIX heat pump maintains high energy-efficient heating even in -15°C cold regions. Under low temperature condition, heat pumps should have an extremely strong defrosting capability. PHNIX sliding defrosting is a patented technology in China. With this technology, the Turbo Series intelligently conducts defrosting basing on both temperature and pressure of the heat pump system as well as external environment, ensuring the stable and energy saving running in cold environment.

**Less Installation Space**

With the innovative vertical exhaust design, Turbo Series can be installed next to any pool in tight space.