The Delta Hot Pump range combines high technology pump design with modern motors to produce a compact and efficient pump. Delta Hot Pumps can be easily installed in the tightest situation.

- Streamlined compact design.
- Choice of models for most bath sizes.
- Accessories available.
- Flexible unions, Air Switches and Air relief valves supplied as standard.
- Quiet, safe and reliable operation.
- Australian designed and manufactured.
- Complies with Australian / New Zealand Standards AS/NZS 3136

## Warranty
Delta Hot Pumps are covered by Waterco’s comprehensive 12 month warranty.

### Delta Hot Pumps

<table>
<thead>
<tr>
<th>Model</th>
<th>Pump Amps</th>
<th>Heater Watts</th>
<th>No. of Jets</th>
<th>Dimensions (mm)</th>
<th>Heat Constant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delta Hot 50</td>
<td>2.6</td>
<td>620W</td>
<td>3-4</td>
<td>260 x 185 x 475</td>
<td>4.4*</td>
</tr>
<tr>
<td>Delta Hot 75</td>
<td>3.6</td>
<td>860W</td>
<td>5-6</td>
<td>250 x 185 x 475</td>
<td>4.4*</td>
</tr>
</tbody>
</table>

* Based on ideal heating with NO heat loss from the bath

Heat Constant is the time taken to heat 100 litres by 1°C

Time = Heat Constant x spa size in litres x required temp rise / 100

e.g. Time to heat a spa 900ltrs by 5°C with a Delta Hot 50 or Delta Hot 75

Time = 4.4 x 900 x 5 / 100

= 198 minutes

Note: Actual time to heat may be longer than calculated.

### Portapac Spa Pool Systems

Portapac’s are centrifugal spa pool pumps with built-in electric heaters and electronic controls. The Portapac circulates water through the spa jets as well as heating the water.

### Flow Rate (lpm)

<table>
<thead>
<tr>
<th>No. of Jets</th>
<th>0</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>50</td>
<td>150</td>
<td>250</td>
<td>350</td>
<td>400</td>
</tr>
</tbody>
</table>

### Head (m)

<table>
<thead>
<tr>
<th>Flow Rate (lpm)</th>
<th>100</th>
<th>200</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head (m)</td>
<td>10</td>
<td>12</td>
<td>14</td>
</tr>
</tbody>
</table>

### Delta Pump

The Delta Pump is easily activated by a fashionable air switch.
There are several Portapac models to choose from, each providing a range of creature comforts to suit your particular needs.

PORTAPAC SSC BOOST PANEL

Boost Mode
This mode will activate the pump and a blower or booster pump, providing a more powerful stream from the spa jets or the air manifold. If left on for more than 30 minutes, the Portapac will automatically switch to demand mode.

Pump Mode
(available on all models)
Once the set temperature is reached, the heater will switch off, but the pump will continue to run. When the temperature of the water drops below the set temperature, the heater will switch on again.

Demand Mode
(available on all models)
The pump and heater will run until the desired temperature is reached. When the temperature drops below the set temperature both the pump and heater will switch on again. The operation of the heater is delayed on start-up to ensure any “hot spots” are removed from the spa.

Air Switch
The Air Switch Button is used to cycle through the available modes of the Portapac. The Air Switch Button is sold separately and available in various profiles and colours to suit any décor. A small selection is given below.

Portapac SSC AIR PANEL

Air Mode
(only available on SSC Air models)
This mode activates the pump and a blower. The on board electronics will run the blower at high speed, medium speed, low speed or in a gentle cycle between high and low speeds to create a massaging effect. If left on for more than 30 minutes, the Portapac will automatically switch to demand mode.

Demand Mode
Once the set temperature (available on all models) is reached, the heater will automatically cut out. If left on for more than 30 minutes, the Portapac will automatically switch to demand mode.

Additional Outlets
Portapac Premiums have the added advantage of additional outlets.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Unit Rated</th>
<th>Motor</th>
<th>Heater</th>
<th>No. of Jts</th>
<th>Heat Constant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demand 10</td>
<td>1.0 1.6 AS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demand Elite 15</td>
<td>1.5 2.4 AS</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSC Air 15A</td>
<td>1.0 1.6 TP</td>
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<td></td>
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</tr>
<tr>
<td>SSC Boost 15A</td>
<td>1.5 2.4 TP</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premium SSC Boost 15A</td>
<td>1.5 2.4 TP</td>
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</tr>
</tbody>
</table>

Warranty
Portapac Spa Pool Systems are covered by Waterco’s comprehensive 12 month warranty.

www.waterco.com