Zip Hot Water Solutions
The ultimate in comfort and efficiency
Contents

Zip MCX for smart and eco friendly convenience ................................................................., 6-7
Zip CEX 9 Mps™ for intelligent efficient hot water delivery .............................................., 8-9
Zip CEX-U Mps™ for intelligent efficient hot water delivery ............................................., 10-11
Zip DBX for economic multi point hot water solutions ....................................................... 12-13
Zip DSX servotronic Mps™ high-tech, high performance hot water .................................. 14-15
Tudor .................................................................................................................................. 16-17
Technical details ................................................................................................................ 18-20

Instantaneous hot water

DSX  DBX  CEX-U  CEX9-U  MCX

Single point open outlet storage heater

Tudor under sink
Welcome to Zip Water

From a small Sydney manufacturer of water heaters for kitchens and bathrooms in 1962 to an industry leader with exports to over 60 countries, Zip continues to set the global standard.

We were recently recognised with the Australian National Exporter Award. Over the last 50 years our business has grown to employ over 500 Australians with branches across the country as well as offices in the UK and New Zealand.

At Zip, we are driven by innovation and a passion for providing quality products and service. By incorporating world-class German made instantaneous hot water heating technologies we have evolved the instant delivery promise Zip is so famous for.
Experienced consultants

When you are considering specification of point of use hot water concepts remember – Zip has been leading the way in point of use storage and instantaneous water heating technology for more than 10 years. Zip instantaneous and small storage water heaters are installed in thousands of buildings worldwide.

Zip has an independent report by one of Australia’s leading multi-discipline consulting firms comparing instantaneous hot water products to various other options for the provision of domestic water heating plant to commercial residential buildings. For a copy of this report please contact your local Zip representative.

Installation training

For more than 10 years, Zip has been providing on-site specification, installation, trouble-shooting and routine maintenance training for all our products. Architects, interior designers, plumbing contractors and maintenance contractors are welcome to take advantage of our training seminars as a free-of-charge service.

National service network

Zip point of use hot water systems are backed by a network of qualified service technicians covering virtually the whole of Australia. The network comprises more than 100 full-time Zip service technicians in major cities, plus more than 300 accredited service technicians covering smaller cities and country towns.
ZIP MCX

This mini instantaneous water heater boasts an impressive list of features and outstanding design. The intelligent electronic system with flow detection automatically adjusts the power consumption for maximum efficiency.

Designed to be installed directly at the point of use, the Zip MCX delivers warm water on demand, eliminating the energy and water inefficiencies associated with traditional storage water heaters and long pipe runs (dead legs). This all adds up to the most convenient and efficient warm water solution available.

ZIP MCX for smart delivery of warm water and eco friendly convenience

Zip MCX Mini Electronic Instantaneous Water Heater

- Mini-sized, electronically controlled under-sink instantaneous water heater to supply warm water to a hand wash basin
- Electronic power control adjusts to compensate for inlet pressure and temperature variations
- Bare wire technology IES™ achieves maximum efficiency plus the fastest possible heat up time
- Supplied complete with special low flow aerator to suitable for M22/24 taps
- No tempering valve required (this appliance delivers water not exceeding 45°C in accordance with AS3498)
- Simple and quick installation with exposed 12.7mm BSP water connections for direct connection to the tap
- 12 months commercial or 5 years residential warranty
- MCX is designed to be hardwired
User friendly touch key control
The sensor button is used to preset the preferred temperature. There is a choice of three temperature settings: 35°C, 38°C or 45°C.
The temperature is indicated by discreet LED lights that also act as an operating and diagnostic display.

Zip Aquasense
Deck mounted sensor taps are perfect to use with a Zip MCX.

Aerator (tap nozzle)
Zip mini instantaneous water heaters are supplied with an appropriate low flow aerator. This optimises the stream of water and helps to achieve energy and water savings. To ensure optimal performance, this aerator must be fitted to the tap spout.

---

<table>
<thead>
<tr>
<th>Model no.</th>
<th>Power Rating @ 1Ph 230V</th>
<th>Temperature rise** (°C) @ Flow rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ZIP MCX PERFORMANCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.2 L/m</td>
<td>1.5 L/m</td>
</tr>
<tr>
<td>CL1502</td>
<td>3.5 kW</td>
<td>41</td>
</tr>
<tr>
<td>CL1503</td>
<td>4.4 kW</td>
<td>-</td>
</tr>
<tr>
<td>CL1504</td>
<td>5.7 kW</td>
<td>-</td>
</tr>
</tbody>
</table>

Pressure Drop (kPa) | 20 | 25 | 30 | 60 | 85 | 100 |

MCX models limited to maximum 45°C in accordance with AS3498.
* Maximum temperature setting of the product.
** Add temperature rise to incoming water temperature to determine what outlet temperature is possible.
ZIP CEX 9 & CEX 9-U

Our compact instantaneous water heater boasts an impressive list of features and outstanding design. The intelligent electronic system with flow detection automatically adjusts the power consumption for maximum efficiency.

Designed to be installed directly at the point of use, the Zip CEX 9 and CEX 9-U delivers hot water up to 50°C on demand, eliminating the energy and water inefficiencies associated with traditional storage water heaters and long pipe runs (dead legs).

Zip CEX 9 MPS™ for intelligent and efficient hot water delivery

Zip CEX 9 MPS™ Compact Electronic Instantaneous Water Heater

- Compact, electronically controlled instantaneous water heater for single or multipoint applications
- Electronic power control adjusts to compensate for inlet pressure and temperature variations
- Hard wired single phase
- Bare wire technology IES™ achieves maximum efficiency plus the fastest possible heat up time
- Multiple Power System (MPS) simplifies purchasing with the installer able to select their preferred power setting during installation
- No tempering valve required (models limited to 50°C in accordance with AS3498)
- Simple and quick installation, with exposed 12.7mm BSP water connections for direct connection to the tap
- 12 months commercial or 5 years residential warranty
User-friendly two-key control panel and integrated LC display

Easy-to-read display

The two-key control panel with large integrated LC display allows the user to set the temperature to the exact degree between 20°C and 50°C.

Two touch-keys to set individual desired temperatures. Individual fixed values are stored using the two programming keys. It is also possible to activate a temperature limit and to display operating and servicing values.

### Model no. | Power Rating @ 1Ph 230V | Switch On | Temperature rise** (°C) @ Flow rate
---|---|---|---
**ZIP EX MPS PERFORMANCE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Rating</th>
<th>Switch On</th>
<th>Temperature rise**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL1505 &amp; CL1506*</td>
<td>6.6kW</td>
<td>47</td>
<td>31 23 18 15 -</td>
</tr>
<tr>
<td></td>
<td>8.8kW</td>
<td>50*</td>
<td>41 31 25 20 17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pressure Drop (kPa)</th>
<th>15 30 40 50 60 80</th>
</tr>
</thead>
</table>

CL1505 & CL1506 models are supplied with a 5L/m flow restrictor, a 7L/m flow restrictor is available on request.

Note: All models in the above table are limited to a maximum temperature below 50°C in accordance with AS3498; no tempering valve required.

* Maximum temperature setting of the product
** The temperature rise should be added to the ambient incoming water temperature to determine what outlet temperature is possible
^ CL1506 is configured for under-bench installation with connections on top

Optional wireless remote control Zip Part 99374.
ZIP CEX-U

This top of the range compact instantaneous water heater boasts an impressive list of features and outstanding design. The intelligent electronic system with flow detection automatically adjusts the power consumption for maximum efficiency.

Designed to be installed directly at the point of use the Zip CEX-U delivers hot water up to 50°C on demand, eliminating the energy and water inefficiencies associated with traditional storage water heaters and long pipe runs (dead legs).

ZIP CEX-U MPS™ for intelligent and efficient hot water delivery

Zip CEX-U MPS™ Compact Electronic Instantaneous Water Heater

- Compact, electronically controlled instantaneous water heater for single or multipoint applications
- Electronic power control adjusts to compensate for inlet pressure and temperature variations
- Bare wire technology IES™ achieves maximum efficiency plus the fastest possible heat up time
- Multiple Power System (MPS) simplifies purchasing with the installer able to select their preferred power setting during installation
- No tempering valve required (models limited to 50°C in accordance with AS3498)
- 12 months commercial or 5 years residential warranty
- 60°C model also available, suitable for installations which don’t require temperature control or for use with a Zip HORNE Thermostatic Mixing Valve (TMV)
- Simple and quick installation, with exposed 12.7mm BSP water connections for direct connection to the tap
User-friendly two-key control panel and integrated LC display

Easy-to-read display

The two-key control panel with large integrated LC display allows the user to set the temperature to the exact degree between 20°C and 50°C.

Two touch-keys to set individual desired temperatures. Individual fixed values are stored using the two programming keys. It is also possible to activate a temperature limit and to display operating and servicing values.

Want to select the correct product?

It is important to check the calculation before selecting your product. See page 18 for required calculations.

<table>
<thead>
<tr>
<th>Model no.</th>
<th>Power Rating @ 3Ph 400V</th>
<th>Switch On</th>
<th>Temperature rise** (°C) @ Flow rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZIP CEX-U MPS PERFORMANCE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CL1003</td>
<td>11kW</td>
<td>50°</td>
<td>2.0 L/m 50* 3.0 L/m 39 4.0 L/m 31 5.0 L/m 26 6.0 L/m 22 7.0 L/m</td>
</tr>
<tr>
<td></td>
<td>13.5kW</td>
<td>50°</td>
<td></td>
</tr>
<tr>
<td>Pressure Drop (kPa)</td>
<td>15</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td>Model no.</td>
<td>Power Rating @ 3Ph 400V</td>
<td>Switch On</td>
<td>Flow Rate</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>CL1507 (60°C)</td>
<td>11kW</td>
<td>60°</td>
<td>2.0 L/m 52 3.0 L/m 39 4.0 L/m 31 5.0 L/m 26 6.0 L/m 22 7.0 L/m</td>
</tr>
<tr>
<td></td>
<td>13.5kW</td>
<td>60°</td>
<td></td>
</tr>
<tr>
<td>Pressure Drop (kPa)</td>
<td>15</td>
<td>25</td>
<td>35</td>
</tr>
</tbody>
</table>

CL1003 model limited to a maximum of 50°C in accordance with AS3498; no tempering valve required.

Note: The above models are supplied with a 5L/m flow restrictor, a 7L/m flow restrictor is available on request.

** Maximum temperature setting of the product.

** The temperature rise should be added to the ambient incoming water temperature to determine what outlet temperature is possible.

Optional wireless remote control Zip Part 99374.

Optional flow restrictor: 99447 - 7 L/m per minute flow restrictor.
Zip DBX 18 & 27

Perfect for multi-point applications where a basic electronic instantaneous heater is required. This basic model of the electronic instantaneous water heater series requires no operating interaction at all. Designed for easy installation, the DBX delivers hot water up to 50°C on demand. Eliminating the inefficiencies associated with traditional storage water heaters and long pipe runs (dead legs).

Zip DBX perfect for builders & developers multi point hot water solutions

Zip DBX Electronic Instantaneous Water Heater

- Electronically controlled basic instantaneous water heater for multipoint applications
- The output power is automatically adjusted according to the flow rate and inlet temperature
- No tempering valve required, temperature limited to 50°C in accordance with AS3498
- Electronic safety system with temperature and pressure cut off
- Easy to install thanks to open mounting space and variable connection options
Optional flow restrictors

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>99447</td>
<td>7 Litre per minute flow restrictor</td>
</tr>
<tr>
<td>99392</td>
<td>8 Litre per minute flow restrictor</td>
</tr>
<tr>
<td>99448</td>
<td>9 Litre per minute flow restrictor</td>
</tr>
<tr>
<td>99449</td>
<td>10 Litre per minute flow restrictor</td>
</tr>
</tbody>
</table>

Note: flow restrictors on the DBX models are internally fitted. They should only be replaced by qualified personnel.

Want to select the correct product?
It is important to check the calculation before selecting your product. See page 18 for required calculations.

<table>
<thead>
<tr>
<th>Model no.</th>
<th>Power Rating @ 3Ph 400V</th>
<th>Switch On</th>
<th>Temperature rise** (°C) @ Flow rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ZIP DBX PERFORMANCE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CL1004</td>
<td>18kW</td>
<td>50*</td>
<td>50* 43 37 32 29</td>
</tr>
<tr>
<td>CL1005</td>
<td>27kW</td>
<td>50*</td>
<td>50* 50* 48 43</td>
</tr>
<tr>
<td>Pressure Drop (kPa)</td>
<td>15 25 40 65 80 115 125 150</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CL1004 comes with fitted 7 litre per minute flow restrictor
CL1005 comes with fitted 9 litre per minute flow restrictor
* Maximum temperature setting of the product
** The temperature rise should be added to the ambient incoming water temperature to determine what outlet temperature is possible.
Note: The above models are supplied with a 8L/m flow restrictor; 9L/m & 10L/m flow restrictors are available on request.
Zip DSX

Our top of the range electronic instantaneous water heater offers stunning technology with an appealing design. The innovative Zip DSX is the perfect solution for multipoint applications and is particularly suited to high density residential developments.

Designed for easy installation the Zip DSX delivers hot water up to 50°C on demand, eliminating the energy and water inefficiencies associated with traditional storage water heaters and long pipe runs (dead legs).

Zip DSX Servotronic MPS™ high-tech, high performance hot water

Zip DSX Servotronic MPS™ Electronic Instantaneous Water Heater

- Electronically controlled instantaneous water heater for single or multipoint applications
- Electronic power control adjusts to compensate for inlet pressure and temperature variations
- Servotronic™ control automatically regulates the water flow rate for optimum performance
- Bare wire technology IES™ achieves maximum efficiency plus the fastest possible heat up time
- Electronic safety system with air bubble detection
- Multiple Power System (MPS) simplifies purchasing with the installer able to select their preferred power setting during installation
- No tempering valve required (models limited to 50°C in accordance with AS3498)
- 60°C model also available, suitable for installations which do not require temperature control or for use with a Zip HORNE Thermostatic Mixing Valve (TMV)
- No flue, ventilation or safe tray required
- Simple and quick installation, with 12.7mm BSP water connections and built in isolation valve
- 12 months commercial or 5 years residential warranty

Want to select the correct product?
It is important to check the calculation before selecting your product. See page 18 for required calculations.

Water connections can be made concealed or exposed
Inspiring: DSX-mutifunctional display
Clear text display and coloured illumination
No confusing number codes, just operating status in clear text; the coloured backlighting seamlessly indicates the selected temperature from blue (cool) to lilac (as pictured) through to red (hot).

Energy monitor and clock
The energy monitor indicates clearly just how economic it is to operate the DSX. It will also display the time.

Detailed information
For the technically minded, it is also possible to display other operating status at the touch of a button, for example the cold water temperature, flow rate and power consumption.

### ZIP DSX PERFORMANCE

<table>
<thead>
<tr>
<th>Model no.</th>
<th>Power Rating @ 3Ph 400V</th>
<th>Switch On</th>
<th>Temperature rise** (°C) @ Flow rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL1001</td>
<td>18kW</td>
<td>50°</td>
<td>50° 43 37 32 29 26 23 21</td>
</tr>
<tr>
<td></td>
<td>21kW</td>
<td>50°</td>
<td>50° 43 38 33 30 27 25</td>
</tr>
<tr>
<td></td>
<td>24kW</td>
<td>50°</td>
<td>50° 49 43 38 34 31 29</td>
</tr>
<tr>
<td></td>
<td>27kW</td>
<td>50°</td>
<td>50° 48 43 39 35 32</td>
</tr>
</tbody>
</table>

| Pressure Drop (kPa) | 20 25 35 45 50 75 95 130 140 165 195 |

### CL1001 Limited to a maximum of 50°C in accordance with AS3498; no tempering valve required.

* Maximum temperature setting of the product
** The temperature rise should be added to the ambient incoming water temperature to determine what outlet temperature is possible.

Note: The flow maximum rate for the above models is electronically controlled to ensure the selected temperature is achieved.
ZIP TUDOR

A cost effective solution, the Zip Tudor is perfect for delivery of hot water to single point of use remote sink. Zip Tudor offers the choice of 5 or 10 litre capacity and does not require a safe tray. Designed for a kitchen sink or laundry tub.

Tudor point of use for convenient hot water solutions

- Full external temperature control ranging from 30°C to 80°C.
- Point of use – single outlet
- 3 litre/minute flow rate, 6 Star WELS rated tapware available, sold separately
- Frost protection setting to protect the heater when not in use.
- Low density spiral heating element for rapid recovery and long life.
- External neon indicator light shows when element
- Simple installation
- 12 months warranty
<table>
<thead>
<tr>
<th>Type</th>
<th>Single point open outlet (vented) water heater</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ZIP TUDOR</strong></td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td></td>
</tr>
<tr>
<td>Part no.</td>
<td>210S2</td>
</tr>
<tr>
<td>Temp Settings</td>
<td>30°C to 80°C</td>
</tr>
<tr>
<td>Capacity (Litre)</td>
<td>Under-Sink 5 litre</td>
</tr>
<tr>
<td>Electric supply</td>
<td>1/Ph 230 V</td>
</tr>
<tr>
<td>Nominal power rating</td>
<td>2.0 kW</td>
</tr>
<tr>
<td>Nominal current</td>
<td>10A</td>
</tr>
<tr>
<td>Maximum inlet temperature</td>
<td>30°C</td>
</tr>
<tr>
<td>Working pressure</td>
<td>Min 50kPa - Max 350kPa</td>
</tr>
<tr>
<td>Factory flow setting at 0.3MPa (300kPa)</td>
<td>3lt/min</td>
</tr>
<tr>
<td>Water Connection (mm)</td>
<td>12.7 BSP</td>
</tr>
<tr>
<td>Weight kg (empty)</td>
<td>3.5</td>
</tr>
<tr>
<td>Weight kg (when filled w. water)</td>
<td>8.5</td>
</tr>
<tr>
<td>W x D x H (mm)</td>
<td>255 x 215 x 390</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP25</td>
</tr>
</tbody>
</table>
Decentralised hot water on demand - Specification

The science behind instantaneous hot water heaters

How much hot water do you require?

If you want to achieve a 9 L/min flow rate at 40°C for a shower, you will require 6 L/min of hot water at 50°C plus 3 L/min of cold water at 20°C.

Instantaneous water heaters create hot water on demand

You need a proportional amount of energy (kW) to heat water at the flow rate (Lt/Min) required for your application. The formulas below will help you determine the correct power rating, based on your required flow rate and the outlet temperature you require.

Flow Rate (Lt/Min) = \( \frac{kW \text{ rating} \times 14.3}{\text{Rise in temp } ^\circ\text{C} (\text{Th} - \text{Tc})} \)

Rise in Temp (°C) (Th-Tc) = \( \frac{kW \text{ rating} \times 14.3}{\text{Flow rate (Lt/Min)}} \)

kW Rating = \( \frac{\text{Flow Rate (Lt/Min)} \times \text{rise in temp} (\text{Th} - \text{Tc})}{14.3} \)

Formula Guide

14.3 = Constant value of water
kW rating = Power supply (available or required)
Th = Required hot water temperature
Tc = Actual ambient (cold) water temperature
Tm = Mixed temperature
HV = Hot volume
MV = Mixed volume

Optional Flow restrictors

Flow restrictors
1. 99447 – Kit flow restrictor 7L/min
2. 99448 – Kit flow restrictor 9L/min
3. 99449 – Kit flow restrictor 10L/min
4. 99392 – Kit flow restrictor 8L/min

Decentralised electronic instantaneous water heaters only heat the amount of water actually required, to the desired temperature for that point of use. The temperature can be selected by the user either on the heater display or by wireless remote control.

The smart electronic control detects the water flow rate and automatically adjusts the energy input whilst also compensating for fluctuations of inlet temperature and flow rate, always ensuring accurate delivery of the pre-selected outlet temperature.

By choosing to use decentralised electronic instantaneous water heaters you eliminate the inefficiencies associated with traditional large storage water heaters and the water wastage associated with long pipe runs.

Selection Key

- Hand wash basin
- Bath tub
- Shower
- Cleaners sink
- Kitchen sink

<table>
<thead>
<tr>
<th>Flow rate</th>
<th>Duration of use</th>
<th>Temperature at point of use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handwash basin in toilet</td>
<td>2 l/min, 10 seconds</td>
<td>35°C</td>
</tr>
<tr>
<td>Handwash basin in bathroom</td>
<td>4 l/min, 1 minute</td>
<td>40°C</td>
</tr>
<tr>
<td>Shower / bathroom</td>
<td>8 l/min, 5 minutes</td>
<td>38°C</td>
</tr>
<tr>
<td>Bath / bathroom</td>
<td>10 l/min, 12 minutes</td>
<td>40°C</td>
</tr>
<tr>
<td>Kitchen sink</td>
<td>5 l/min, 2 minutes</td>
<td>48°C</td>
</tr>
</tbody>
</table>

Comparison of actual usage and temperature at the individual points of use.
# Product Selection Chart

<table>
<thead>
<tr>
<th>Zip Water Heaters</th>
<th>Model Number &amp; Type</th>
<th>Electrical Loading</th>
<th>Temperature Range</th>
<th>Hand-wash Basin</th>
<th>Shower</th>
<th>Bathtub</th>
<th>Kitchen Sink</th>
<th>Cleaners Sink</th>
<th>Studio Apartment</th>
<th>1 - 2 Bathroom Apartment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MJC 3 CL1502</td>
<td>3.5kW</td>
<td>35, 38 &amp; 45°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MJC 4 CL1503</td>
<td>4.4kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MJC 6 CL1504</td>
<td>5.7kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEX9 CL1505 (over-bench)</td>
<td>MPS 6.6kW</td>
<td>20°C to 50°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEX9-U CL1506 (under-bench)</td>
<td>MPS 8.8kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEX-U CL1003 (under-bench)</td>
<td>MPS 11kW</td>
<td>20°C to 50°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CEX-U CL1507 (60°C under-bench)</td>
<td>MPS 13.3kW</td>
<td>20°C to 60°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DBX 18kW CL1004</td>
<td>18kW</td>
<td>20°C to 50°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DBX 27kW CL1005</td>
<td>27kW</td>
<td>20°C to 50°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSK CL1001</td>
<td>MPS 18kW</td>
<td>20°C to 50°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSK CL1509 (60°C)</td>
<td>MPS 21kW</td>
<td>20°C to 60°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MPS 24kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MPS 27kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tudor 21052 (5L under-sink)*</td>
<td>MPS 2kW</td>
<td>30°C to 80°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tudor 21102 (10L under-sink)*</td>
<td>MPS 2kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The above product selection chart is intended as a guide only, individual circumstances and site conditions may vary. Automatic product selection is no substitute for planning by an expert, please consult with your local Zip representative to ensure the product you have chosen is suitable for its intended application.

**Warranty**

All Zip Instantaneous Hot Water products are covered by a 5 year warranty when used in residential applications, or 12 months in commercial applications. Zip Tudor has a 12 month warranty. For further details visit [https://www.zipwater.com/support/warranty-policy](https://www.zipwater.com/support/warranty-policy).
## Zip IHW Model Specifications

### Zip IHW MCX3
- **Zip Order Code**: CL1502
- **Temp Settings**: 35°C, 38°C or 45°C
- **Nominal Capacity**: 0.2 litre
- **Static Pressure (max)**: 1000 kPa
- **Flow Rate (min)**: 1.2 litres/minute
- **Flow Rate (max)**: 2.0 litres/minute
- **Power Rating**: 3.5 kW
- **Rated Current**: 15 A
- **Supply Voltage**: Single Phase 230 V
- **Water Resistance (min)**: 1100 ohm/cm
- **IP Rating**: IP25
- **Dimensions (mm)**: 186 x 87 x 135
- **Notes**: Permissible minimum electrical resistance of water at 15°C.

### Zip IHW MCX4
- **Zip Order Code**: CL1503
- **Temp Settings**: 35°C, 38°C or 45°C
- **Nominal Capacity**: 0.2 litre
- **Static Pressure (max)**: 1000 kPa
- **Flow Rate (min)**: 1.5 litres/minute
- **Flow Rate (max)**: 2.5 litres/minute
- **Power Rating**: 4.4 kW
- **Rated Current**: 19 A
- **Supply Voltage**: Single Phase 230 V
- **Water Resistance (min)**: 800 ohm/cm
- **IP Rating**: IP25
- **Dimensions (mm)**: 186 x 87 x 135
- **Notes**: Permissible minimum electrical resistance of water at 15°C.

### Zip IHW MCX6
- **Zip Order Code**: CL1504
- **Temp Settings**: 35°C, 38°C or 45°C
- **Nominal Capacity**: 0.2 litre
- **Static Pressure (max)**: 1000 kPa
- **Flow Rate (min)**: 1.5 litres/minute
- **Flow Rate (max)**: 3.3 litres/minute
- **Power Rating**: 5.7 kW
- **Rated Current**: 25 A
- **Supply Voltage**: Single Phase 230 V
- **Water Resistance (min)**: 800 ohm/cm
- **IP Rating**: IP25
- **Dimensions (mm)**: 186 x 87 x 135
- **Notes**: Permissible minimum electrical resistance of water at 15°C.

### Zip IHW CEX9
- **Zip Order Code**: CL1505
- **Temp Settings**: 20°C to 50°C
- **Nominal Capacity**: 0.3 litre
- **Static Pressure (max)**: 1000 kPa
- **Flow Rate (min)**: 1.0 litres/minute
- **Flow Rate (max)**: 1.5 litres/minute
- **Power Rating**: 3.5 kW
- **Rated Current**: 15 A
- **Supply Voltage**: Single Phase 230 V
- **Water Resistance (min)**: 1100 ohm/cm
- **IP Rating**: IP25
- **Dimensions (mm)**: 177 x 108 x 294
- **Notes**: Permissible minimum electrical resistance of water at 15°C.

### Zip IHW CEX9-U
- **Zip Order Code**: CL1506
- **Temp Settings**: 20°C to 50°C
- **Nominal Capacity**: 0.3 litre
- **Static Pressure (max)**: 1000 kPa
- **Flow Rate (min)**: 1.5 litres/minute
- **Flow Rate (max)**: 2.0 litres/minute
- **Power Rating**: 6.6 kW or 8.8 kW
- **Rated Current**: 29 A or 38 A
- **Supply Voltage**: Single Phase 230 V
- **Water Resistance (min)**: 1100 ohm/cm
- **IP Rating**: IP25
- **Dimensions (mm)**: 177 x 108 x 294
- **Notes**: Permissible minimum electrical resistance of water at 15°C.

### Zip IHW Order Code
- **Zip IHW Order Code (CL1001)**
  - **Nominal Capacity**: 0.2 litre
  - **Flow Rate (max)**: 2.0 litres/minute
  - **Power Rating**: 3.5 kW
  - **Rated Current**: 15 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 1100 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 177 x 108 x 294
- **Zip IHW Order Code (CL1502)**
  - **Nominal Capacity**: 0.2 litre
  - **Flow Rate (max)**: 2.0 litres/minute
  - **Power Rating**: 3.5 kW
  - **Rated Current**: 15 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 1100 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 177 x 108 x 294
- **Zip IHW Order Code (CL1503)**
  - **Nominal Capacity**: 0.2 litre
  - **Flow Rate (max)**: 2.5 litres/minute
  - **Power Rating**: 4.4 kW
  - **Rated Current**: 19 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 800 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 186 x 87 x 135
- **Zip IHW Order Code (CL1504)**
  - **Nominal Capacity**: 0.2 litre
  - **Flow Rate (max)**: 3.3 litres/minute
  - **Power Rating**: 5.7 kW
  - **Rated Current**: 25 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 800 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 186 x 87 x 135
- **Zip IHW Order Code (CL1505)**
  - **Nominal Capacity**: 0.3 litre
  - **Flow Rate (min)**: 1.0 litres/minute
  - **Flow Rate (max)**: 1.5 litres/minute
  - **Power Rating**: 3.5 kW
  - **Rated Current**: 15 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 1100 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 177 x 108 x 294
- **Zip IHW Order Code (CL1506)**
  - **Nominal Capacity**: 0.3 litre
  - **Flow Rate (min)**: 1.5 litres/minute
  - **Flow Rate (max)**: 2.0 litres/minute
  - **Power Rating**: 6.6 kW or 8.8 kW
  - **Rated Current**: 29 A or 38 A
  - **Supply Voltage**: Single Phase 230 V
  - **Water Resistance (min)**: 1100 ohm/cm
  - **IP Rating**: IP25
  - **Dimensions (mm)**: 177 x 108 x 294

**Useful Formulas:**
- **Flow rate (litres/minute)** = \( \frac{14.3}{kW\, rating} \) [litres/minute]
- **Water temperature rise (°C)** = \( \frac{kW\, rating}{C\, Tc} \) [°C] where: 14.3 is constant value, and \( C\, Tc\) is actual ambient (cold) water temperature.

*Flow rate automatically controlled to achieve optimum temperature rise.*

**Permissible minimum electrical resistance of water at 15°C.**
How would you decide?

Compare investment costs, water lines, digital comfort, energy and water consumption. The savings in these areas will help you decide on the decentralised hot water supply with modern, energy-efficient and precise temperature instant water heaters for handwash basins, kitchen, shower and bathroom.

We are happy to advise you.

Zip Water
67-77 Allingham Street Condell Park NSW 2200
1800 947 827 | www.zipwater.com