

# Zenith HydroTap

The environmentally  
responsible choice



Designed with energy efficiency and sustainability in mind



# The latest innovation in Zenith HydroTap G5

## Our most eco-friendly HydroTap\*



### Designed for sustainability

#### Includes a more eco-friendly refrigeration system

Zenith HydroTap now uses R290 refrigerant gas delivering a 95% reduction in Global Warming Potential (GWP) compared to the previous refrigerant gas used.

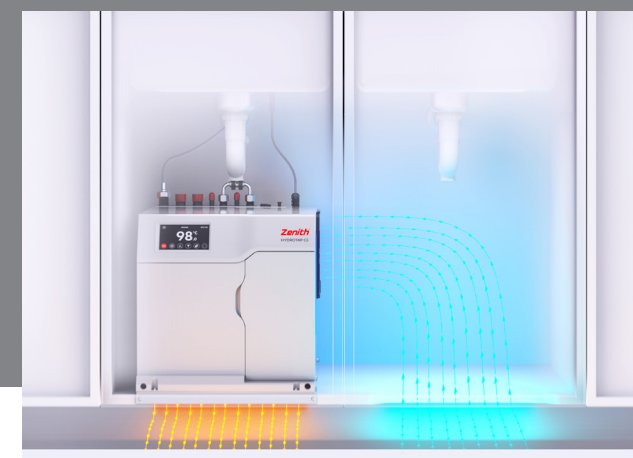
#### 100% water efficient

Using air-cooling technology to deliver perfectly chilled water means the Zenith HydroTap is 100% water efficient as no water is used in the chilling process.

#### Improved energy efficiency

The new front fascia and integrated airflow vent design in the command centre of the Zenith HydroTap enables improved energy efficiency, allowing air to be expelled out of the cupboard more quickly and efficiently.

At high usage periods, the HydroTap continues to deliver consistent chilled water while optimising energy efficiency by up to 24%. In standby mode, the HydroTap is 10% more energy efficient while ensuring consistent chilled temperatures on demand.



Most Eco-Friendly HydroTap  
- 2025 Accolade Winner

in the Product Design Domestic  
Appliances category in recognition

\*when compared to preceding HydroTap models.

# Independently verified Environmental Product Declaration

Zenith Water has released an internationally recognised and independently verified EPD for its HydroTap products. Developed with leading sustainability consulting company, thinkstep-anz, it is the first EPD for an electrical product in Australasia, clearly demonstrating Zenith’s innovative and forward-thinking approach.

The HydroTap EPD details the environmental impact of the product throughout its lifecycle, from the production and processing of raw materials, to manufacturing, distribution, installation, ongoing usage, maintenance and filter changing, right down to the end of the product’s life.

Australians buy **OVER 580 MILLION** litres of bottled water a year.

Much of which ends up in **LANDFILL** and on our **BEACHES**\*

**Responsible manufacturing**  
Organisational dedication to sustainability

ISO 14001

**Low impact design**  
Complies with RoHS EU Directive 2002/95/EC

**World class environmental credentials**  
Providing transparent product life cycle impact

**More eco-friendly Refrigeration System**  
Uses R290 Low Global Warming Potential (GWP) refrigerant gas

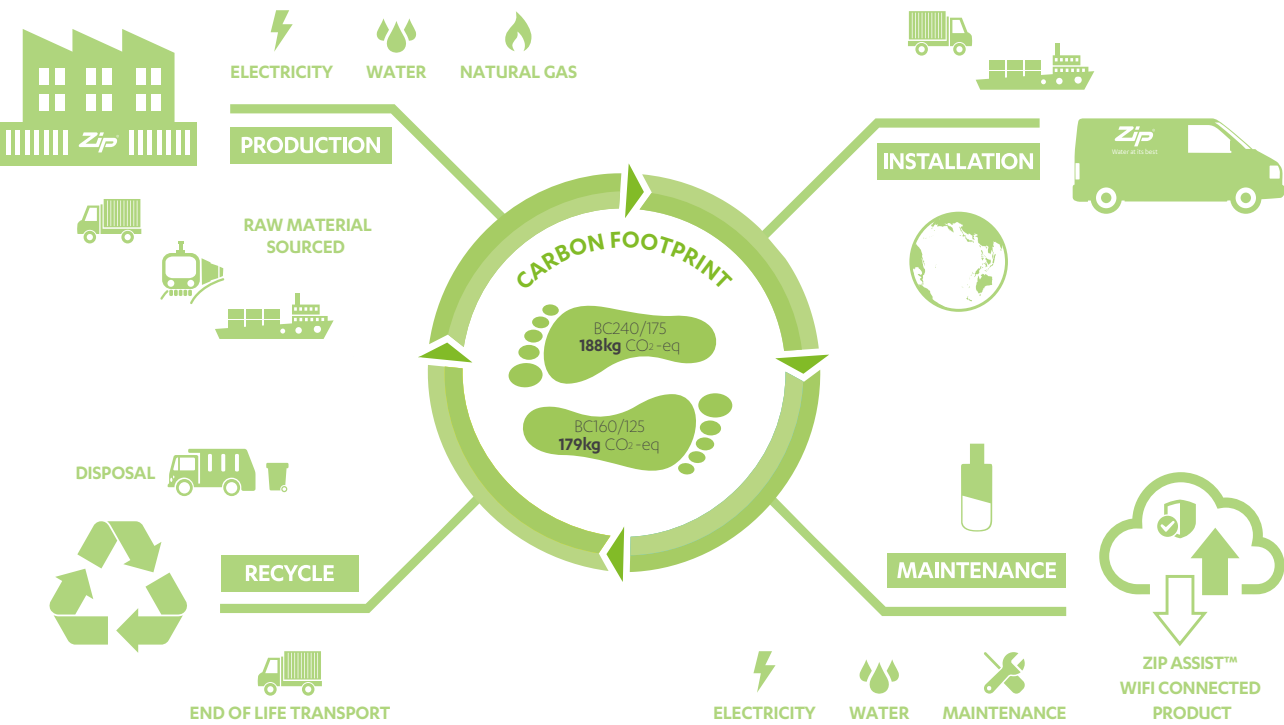
**Innovative air-cooled technology**  
Making HydroTap 100% water efficient

**Smart energy saving modes**  
Time switch adheres to the Building Code of Australia

**Eliminates the need for bottled water**  
Reducing your environmental impact

## The life of a Zenith HydroTap

EPD®  
THE INTERNATIONAL EPD® SYSTEM



Produced under EPD Australasia in accordance with ISO 14025 and EN 15804+A1  
\* [oceanrangers.org/plastic-crusades/plastic-statistics/](https://oceanrangers.org/plastic-crusades/plastic-statistics/)

# Sustainable manufacturing

Zenith Water, part of the Zip Water group, offers the Zenith HydroTap G5, proudly Australian-made in Condell Park, New South Wales and exported globally. As part of Zip Water’s broader manufacturing network, Zenith Water upholds the same high standards of environmental responsibility, ensuring the HydroTap is produced with a strong focus on sustainability.

ISO14001 is about much more than just designing an energy efficient product. It is complete organisational dedication to sustainable environmental management and ensures genuine commitment to a sound environment management system.

**Zenith Water is accredited with all of the following internationally recognised standards:**

**ISO14001 –**  
Environmental Management System

**ISO9001 –**  
Quality Management System

**ISO45001 –**  
Occupational Health and Safety Management System

## Powered by 100% Renewable Energy

Zip Water Group is committed to operating as an environmentally responsible Australian manufacturer, with its Condell Park facility now powered by 100% renewable energy through a combination of onsite solar generation and certified green power sourcing.

Solar installations at the site have historically contributed 15–17% of operational energy (2021–2022), and ongoing investment continues to expand onsite generation capacity. This integrated approach ensures all manufacturing is supported by renewable energy, reinforcing Zip Water Group’s commitment to reducing environmental impact and driving more sustainable production year on year.



# Sustainability credentials

## Platinum medalists in sustainability

We're proud to be recognised for our commitment to sustainability. EcoVadis, the world's largest provider of business sustainability ratings, awarded us a Platinum sustainability rating for the second year in a row. Zenith Water was ranked in the top 1% of companies evaluated by EcoVadis.



## Sustainability reporting

Zip Group's Environmental, Social and Governance (ESG) report is available on the Zenith website. This report reflects Zenith's commitment to transparency and accountability, showcasing our journey, our strengths, and areas where we can improve. We're driven by innovation, constantly seeking ways to provide health, wellness, and environmental benefits to our consumers.



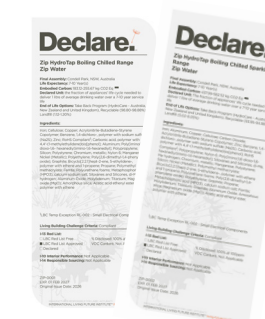
## Certified and trusted

Zenith Water aligns with the WELL building standard™, supporting healthier indoor environments through access to high quality filtered drinking water. By helping meet WELL water concept requirements, our HydroTap contributes to occupancy hydration, wellbeing and overall building performance.



## Sustainability you can declare

Zenith Water demonstrates its commitment to material transparency through engagement with the ILFI Declare program. The Declare label provides a clear disclosure of product ingredients and Red List compliance, supporting projects seeking responsible material selection and regenerative building outcomes.



For more information, visit: [zenithwater.co.nz/hydotap/environmental-calculator](https://zenithwater.co.nz/hydotap/environmental-calculator)

## HydroTap impact calculator

Available on the Zenith website, the calculator quantifies how many single-use plastic bottles you would save from using a residential or commercial HydroTap.

By using a commercial HydroTap with boiling and chilled water for up to 20 people, over 7 years:

I will save:

 **36,514** 500 mL single-use plastic bottles

 **585** kg of plastic

 **4,397** kg of CO<sub>2</sub> eq



# Energy efficient

## Smart energy saving modes

The HydroTap LCD touch screen provides control to be able to set energy efficient, quiet and sleep modes for low use or non-use times and 7 day a week ON/ OFF timer.

## Patented PowerPulse® technology saves energy and maintains perfectly boiling water

Patented Zenith PowerPulse™ technology is the most efficient way of heating and maintaining set boiling water temperature. Unlike other heating systems, PowerPulse™ delivers a precise amount of energy to the heating element to ensure it does not over or under shoot the target boiling water temperature.

Once the set boiling temperature is reached, it then manages energy using small pulses to ensure the target temperature is precisely maintained.

## Energy efficiency translates into savings on running costs when in normal use, on standby and in sleep mode:

|                            | On 24 hours                                                                                              |          | Sleep mode                                                                                     |          |
|----------------------------|----------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------|----------|
| Model                      | Average hourly power consumption at full operating temperature continuously but no water drawn off (kWh) | Cost/day | Average hourly power consumption using sleep mode from 5pm to 7am but no water drawn off (kWh) | Cost/day |
| G5 BC 40<br>G4 BC 160/125  | 0.034kWh                                                                                                 | \$0.20   | 0.027kWh                                                                                       | \$0.16   |
| G5 BC 100<br>G4 BC 240/175 | 0.036kWh                                                                                                 | \$0.22   | 0.029kWh                                                                                       | \$0.17   |

|                            | Off overnight                                                                                   |          | Boiling cost per cup                                                   |           | Chilled cost per glass                                                   |            |
|----------------------------|-------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------|------------|
| Model                      | Average hourly power consumption switching off between 5pm and 7am but no water drawn off (kWh) | Cost/day | Additional energy used per cup (167ml) of boiling water consumed (kWh) | Cost/cup  | Additional energy used per glass (200ml) of chilled water consumed (kWh) | Cost/glass |
| G5 BC 40<br>G4 BC 160/125  | 0.024kWh                                                                                        | \$0.14   | 0.013kWh                                                               | \$0.00325 | 0.0019kWh                                                                | \$0.000475 |
| G5 BC 100<br>G4 BC 240/175 | 0.026kWh                                                                                        | \$0.16   | 0.013kWh                                                               | \$0.0032  | 0.0025kWh                                                                | \$0.000625 |

|                                                                               |  |         |
|-------------------------------------------------------------------------------|--|---------|
| <b>Example – Office:</b>                                                      |  |         |
| Running cost of a G5 BC 40 or G4 BC 160/125 in an office of <b>40 people:</b> |  |         |
| • set to "off overnight mode" (switched off between 5pm and 7am)              |  | \$0.14  |
| • assuming each person consumes 2 cups of boiling water                       |  | \$0.325 |
| • assuming each person consumes 3 glasses of chilled water                    |  | \$0.071 |
| Daily Total                                                                   |  | \$0.54  |
| Weekly Total                                                                  |  | \$2.70* |

**Assumptions:**

Cost per day is calculated at NZD \$0.25 per kWh. Sourced from canstar.co.nz June 2026 average across New Zealand.

• Calculations are approximate only

\* Switched off Saturday and Sunday

Testing conducted by UNSW Global Pty Limited / Unisearch Expert Opinion Services. Reference J087275 Zenith HydroTap G4 and G5 energy consumption values are equivalent.

Provides pure-tasting chilled water on tap, reducing the amount of single use plastic bottles which end up in landfill each year

# 100% water efficient

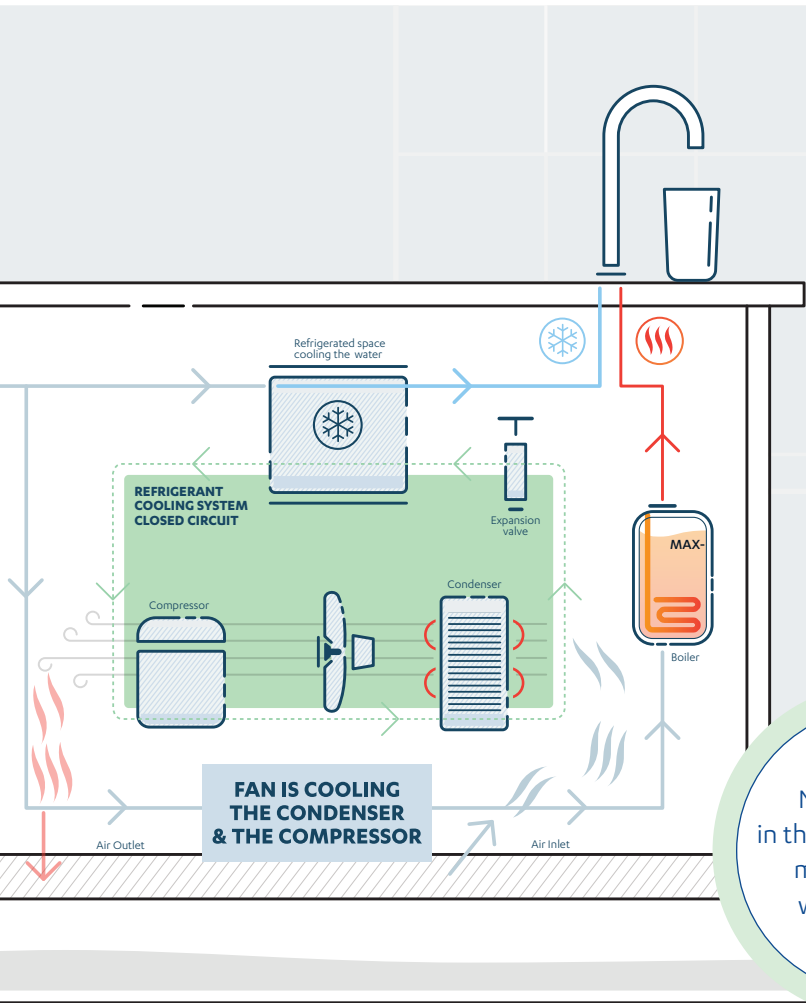
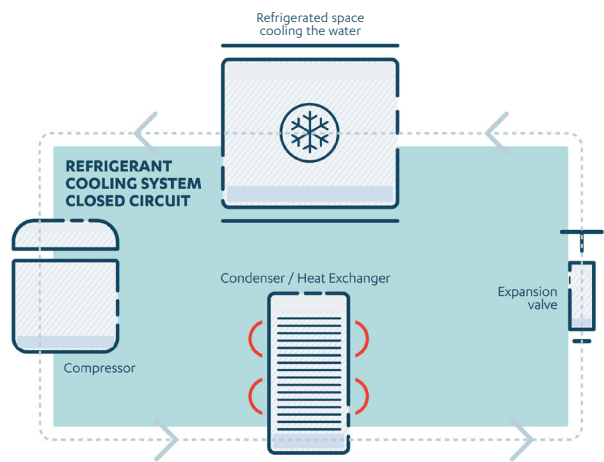
## Direct DryChilling is 100% water efficient and delivers perfectly chilled water.

Closed refrigeration forced air cooled systems are 100% water efficient with rapid chilling and heat transfer capabilities delivering consistently colder chilled water.

Forced air cooling removes waste heat that is generated as part of the refrigeration process for cooling water. No water is used as part of this process, making it 100% water efficient.

## The refrigeration process explained

The refrigeration process generates heat when water is cooled to create chilled water and this heat is removed by air cooling.



No water used in the chilling process making it 100% water efficient

## Air Cooling

Air cooled systems use the air in the environment to remove heat that has been generated as part of the refrigeration process to create chilled water.

In forced air cooling systems, fans are used to push air through the condenser and over the compressor to remove heat and to increase efficiency of the chilling process.

Air cooled systems work most efficiently when appropriate ventilation is used as part of the installation process.

# Single-use plastic solution

Zenith Water's number one commitment is to provide greater sustainability through the reduction of single-use plastics. The award-winning HydroTap provides clean, safe, pure-tasting water while eliminating the need for plastic water bottle use.

The table below shows the amount of single-use plastic bottles saved over the life of Zenith Water's HydroTap models.

| Zenith HydroTap Model | Water Type | Single-use Plastic Bottles Saved <sup>1</sup> |
|-----------------------|------------|-----------------------------------------------|
| B Home                | ●          | —                                             |
| B 60                  | ●          | —                                             |
| B 100                 | ●          | —                                             |
| BA Home               | ● ●        | 5,843                                         |
| BA 60                 | ● ●        | 15,312                                        |
| BA 100                | ● ●        | 37,369                                        |
| C Home                | ●          | 17,530                                        |
| C 40                  | ●          | 63,900                                        |
| C 100                 | ●          | 136,928                                       |
| CS Home               | ● ●        | 17,530                                        |
| CS 100                | ● ●        | 136,936                                       |
| BC Home               | ● ●        | 12,273                                        |
| BC 20                 | ● ●        | 36,514                                        |
| BC 40                 | ● ●        | 63,899                                        |
| BC 60                 | ● ●        | 109,542                                       |
| BC 100                | ● ●        | 136,928                                       |
| BCS Home              | ● ● ●      | 12,273                                        |
| BCS 20                | ● ● ●      | 36,514                                        |
| BCS 60                | ● ● ●      | 109,571                                       |
| BCS 100               | ● ● ●      | 136,928                                       |

| Water Type  | Comparative Product                                        |
|-------------|------------------------------------------------------------|
| ● Boiling   | Boiling tap water from kettle                              |
| ● Chilled   | 500 mL single use plastic water bottle (chilled)           |
| ● Sparkling | 500 mL single use plastic sparkling water bottle (chilled) |
| ● Ambient   | 500 mL single use plastic water bottle                     |



<sup>1</sup> Based on the same volume of water consumed with Zenith products and vs 500 ml PET plastic water bottles. Results are based on 7-year life cycle for commercial products and 10-year life cycle for home.

# Climate impact

Zenith Water is committed to reducing climate impact. Zenith conducted an independent-expert-reviewed, ISO 14040-44 conforming Life Cycle Assessment (LCA) of the award-winning HydroTap products.

This LCA analysed the climate impact and resource use of HydroTap products across their full life cycle, including acquisition of raw materials, manufacturing, distribution, usage, and disposal, and compared these impacts to relevant alternative products.

This table shows the differences in greenhouse gas emissions between HydroTap products and their respective comparative products.

| Zenith HydroTap Model            | Water Type | HydroTap Emissions | Comparative Product <sup>1</sup> | Saved  |
|----------------------------------|------------|--------------------|----------------------------------|--------|
| Measured in kg CO <sub>2</sub> e |            |                    |                                  |        |
| B Home                           | ●          | 2,666              | 1,021                            | -1,646 |
| B 60                             | ●          | 2,761              | 2,793                            | 33     |
| B 100                            | ●          | 3,984              | 5,986                            | 2,002  |
| BA Home                          | ● ●        | 2,670              | 1,195                            | -1,475 |
| BA 60                            | ● ●        | 2,763              | 3,313                            | 551    |
| BA 100                           | ● ●        | 3,986              | 7,100                            | 3,114  |
| C Home                           | ●          | 858                | 2,690                            | 1,832  |
| C 40                             | ●          | 1,058              | 9,805                            | 8,747  |
| C 100                            | ●          | 1,374              | 21,010                           | 19,636 |
| CS Home                          | ● ●        | 1,193              | 3,174                            | 1,981  |
| CS 100                           | ● ●        | 2,113              | 24,790                           | 22,677 |
| BC Home                          | ● ●        | 2,378              | 2,598                            | 220    |
| BC 20                            | ● ●        | 2,802              | 7,199                            | 4,397  |
| BC 40                            | ● ●        | 3,558              | 12,598                           | 9,040  |
| BC 60                            | ● ●        | 3,331              | 21,597                           | 18,265 |
| BC 100                           | ● ●        | 4,952              | 26,996                           | 22,043 |
| BCS Home                         | ● ● ●      | 2,842              | 2,937                            | 94     |
| BCS 20                           | ● ● ●      | 3,320              | 8,207                            | 4,886  |
| BCS 60                           | ● ● ●      | 4,244              | 24,626                           | 20,382 |
| BCS 100                          | ● ● ●      | 5,786              | 30,774                           | 24,989 |



Drinking from a HydroTap in a commercial environment has up to 90% less carbon emissions’ impact than drinking from single-use plastic bottles

| Water Type  | Comparative Product                                        |
|-------------|------------------------------------------------------------|
| ● Boiling   | Boiling tap water from kettle                              |
| ● Chilled   | 500 mL single use plastic water bottle (chilled)           |
| ● Sparkling | 500 mL single use plastic sparkling water bottle (chilled) |
| ● Ambient   | 500 mL single use plastic water bottle                     |

Zenith  
WATER

0800 558 055  
zenithwater.co.nz

<sup>1</sup> Comparative product calculation is based on the following: Franklin Associates, a. d. (2009). Life cycle assessment of drinking water systems: bottle water, tap water, and home/office water delivery water. Land Quality Division, 138-147. Alejandro Gallego-Schmid, H. K. (2018). Life cycle environmental evaluation of kettles: Recommendations for the development of eco-design regulations in the European Union. Science of the Total Environment.

Based on externally-reviewed LCA of Zenith HydroTap, product of Culligan Group. Results may change when final LCA of all other Culligan products is complete.

Results are based on 7 year life cycle for commercial products and 10 year life cycle for home. Kg CO<sub>2</sub>e stands for kilogram CO<sub>2</sub> equivalent.