



## Your Child Deserves A Great Start

As part of children's healthy growth and development, they need to stay hydrated and replenish the water in their bodies throughout the day. This is why nutritionists recommend that we drink at least eight glasses of water daily.

Water makes up 50 to 75 percent of the human body. It is present in blood, digestive juices, urine and perspiration as well as muscles, fat and bones.

Water is essential for most of our bodily functions. It maintains the health and integrity of every cell in our body by carrying oxygen and nutrients to cells.

It keeps the bloodstream liquid to support flow through blood vessels. It supports digestion and removes the by-products of the body's metabolism, excess electrolytes and urea.

Water moisturises the skin and keeps it smooth and supple. It lubricates and cushions joints, and keeps mucous membranes in the lungs and mouth moist. It is a shock absorber inside the eyes and spinal cord. In pregnant women, it is in the amniotic sac surrounding the foetus. Water also regulates body temperature through perspiration. (Source: Better Health Channel)

As the body cannot store water which we lose when we sweat, breathe and use the washroom, we need clean and fresh supplies every day to make up for the loss and keep our organs hydrated so they function optimally.

### Another 3M Innovation

At 3M, we understand your desire to secure your family's health by ensuring that the water you drink daily is of the highest quality.

The new 3M™ Hot, Cold & Room Temperature Filtered Water Dispenser uses a miniaturised 3M Filter based on proven filtration technology with more than 80 years of history.

3M is known worldwide for innovation that has given rise to a continuous stream of superior technologies and thousands of innovative products that are making life easier and better.

With 3M hot, cold & room temperature filtered water dispenser, you and your child can enjoy cleaner, clearer and better tasting water any time of the day.

### Turn to 3M Innovation

Take steps today to keep your body and mind in tip-top shape as well as support your child's growth and development by ensuring that the water you drink daily is of the highest quality.

Turn to the new 3M™ Hot, Cold & Room Temperature Filtered Water Dispenser for cleaner, clearer and better tasting water that you and your child can enjoy any time of the day.

The 3M hot, cold & room temperature filtered water dispensers is another innovation from a company known worldwide for a continuous stream of superior technologies and thousands of innovative products that are making life easier and better.



### Technical Specifications

<b>Filtration System</b>	3M™ AP2-C405SG Drinking Water Filtration System with UV Lamp
<b>Removal Capabilities</b>	Up to 99.95% of Protozoan cysts – Cryptosporidium and Giardia Cyst, Lead, Benzene, Toxaphene, P-Dichlorobenzene (Tested in accordance with NSF <sup>1</sup> Standard 53) Chlorine Taste and Odour (Tested in accordance with NSF <sup>1</sup> Standard 42)
<b>Micron Rating</b>	0.5 micron
<b>Filtration Capacity<sup>2</sup></b>	4,000 litres
<b>Flow Rate</b>	2 litres per minute
<b>Storage Tank</b>	Total Storage Tank Capacity – 8.2 litres Room Temperature Water – 4.6 litres Cold Water – 3.0 litres      Hot Water – 0.6 litres
<b>Dimensions</b>	290 x 497 x 474 mm (W x D x H)
<b>Net Weight</b>	17.7 kg

<sup>1</sup> NSF International is an independent lab that ensures drinking water treatment systems meet strict public health and safety standards. Find out more at [www.NSF.org](http://www.NSF.org).

<sup>2</sup> With a capacity of 4,000 litres, 1 filter cartridge is equivalent to 4,000 of 1-litre water bottles.

For more information, please contact us at:

**3M Technologies (S) Pte Ltd**  
Website: [www.3Mpurification.sg/HCD2](http://www.3Mpurification.sg/HCD2) Email: [innovation.sg@mmm.com](mailto:innovation.sg@mmm.com)



# Healthier Child Brighter Future



Choose The Water Filtration Technology You Can Count On



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## The 3M™ Hot, Cold & Room Temperature Filtered Water Dispenser Benefits for your family

### 1 BPA Free

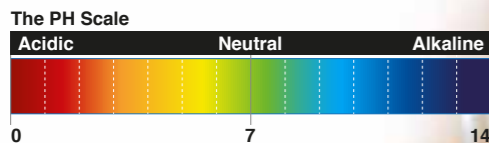
- The dispenser is free of bisphenol A (BPA) so you need not worry about chemicals leaching into drinking water. BPA can disrupt our neurological functions and pose risk to our health.
- Similar to the feature that you look out for in water bottles and milk bottles

### 2 Extended Water Dispensing Space

- Fills water bottles up to 25cm in height
- Option to dispense up to two litres at one go

### 3 High Quality Filtered Water

- 3M™ AP2 Cartridge is tested in accordance with NSF International standards
- Reduce chlorine taste and odour
- Reduce sediment down to 0.5 micron
- Reduce 99.95 percent of Protozoan cysts — Cryptosporidium & Giardia that may cause foul smell in stagnant water and gastrointestinal illness like diarrhoea
- Remove slime, rust and asbestos by 99.99%
- Maintain the pH value of water supplied by the PUB at 7.5 – 8.3. A pH value of more than 7 is alkaline



### 4 Natural Hydration

- No additional artificial additives are added to alter the water's PH level

### 5 UV Lamp

- UV inactivate the pathogenic bacteria such as E-coli and Staphylococcus Aureus, sterilising your drinking water up to 99.9 percent

### 6 Convenient & Easy to Use

- Hot, cold and room temperature filtered water any time
- Save precious time; no need to boil, cool and store water
- Save space on kitchen countertops and in refrigerator; no need for kettles, hot water flasks and water containers
- Compact size with large water capacity

### 7 Save Electricity

- Up to 40 percent less electricity than some conventional hot water dispensers in the market



## 3M Technologies Inside

Made in USA, 3M AP2-G Filter based on our carbon block technology that efficiently reduces or inhibits:

- chlorine taste and odour
- slime and rust
- 99.95 percent of Protozoan cysts – Cryptosporidium and Giardia – that cause gastrointestinal illness like diarrhoea in humans
- lead and some volatile organic compounds (VOC)
- scale formation in hot water applications

UV inactivate the pathogenic bacteria such as Staphylococcus Aureus and viruses, sterilising your drinking water up to 99.9 percent



**Free Standard Installation**  
Drilling is optional (Worth \$150)

1. Connected within 3 metres next to your kitchen sink.
  2. An alternative is to pull the water pipe from another water source eg. Washing machine etc.
  3. Our authorized installer can go over to do a site assessment and give recommendations with no obligation after you make a payment for a set.
- In the rare event that it can't be installed, the sale will be considered void and your money will be refunded to you.



## Quality Assured

- Our water dispenser has received IEC and IECEE certification (Test Report Reference No. 077-2370814-000).
- The dispenser has obtained Singapore Safety Mark (Certification No. 141214-11) and meets Singapore Standard SS375 requirements for non-metallic products for use in contact with hot or cold water intended for human consumption.
- Our AP2-G Filter has been tested in accordance with the NSF International Standards 42 and 53, complies with the requirements of the Water Regulations Advisory Scheme (WRAS), and is registered with the Water Quality Association (WQA).

## Environmental Impact Minimised

The 3M Hot, Cold & Room Temperature Filtered Water Dispenser uses the AP2-G Filter with a smaller carbon block. This requires a smaller housing, made with 53 percent less plastic compared to that for the current AP2 offering. The miniaturisation of the carbon block has extended the life of the filter, requiring less frequent change-outs of cartridges. These developments are consistent with the longstanding 3M commitment to minimise the impact of our products and processes on the environment.

