



# RHEEM FILTERED BOILING AND CHILLED WATER UNIT

July 2015

## TECHNICAL DATA SHEET

UNDER BENCH UNITS					
On-Tap: Aqua / Azure			Boiling / Chilled		
Boiling	Boiling/ Cold	Boiling/ Chilled	Initial Delivery (cups)	Recovery Ltrs P/Hr	Product
•	•		24	24	743003F - 3L Boiling & Cold Aqua Style Tap
•	•		31	28	743005F - 5L Boiling & Cold Aqua Style Tap
•	•		24	24	743103F - 3L Boiling & Cold Azure Style Tap
•	•		31	28	743105F - 5L Boiling & Cold Azure Style Tap
		•	15	25	290250-3 - 3L Pumped Chiller
		•	30	34	290251-5 - 6L Pumped Chiller



On-Tap  
Azure

## Rheem On-Tap Boiling and Chilled Water Range

The Rheem range of On-Tap Under Bench Boiling Water units and accessories. Comprising of:

- **Under Bench Boiling Unit** – This model includes a boiling water unit designed for installation under the bench. It has a 5 micron filter inbuilt, and outlets for both boiling water (pumped) and cold water. There are two capacities – 3 litre and 5 litre.
- **Under Bench Chiller** – This is a slave pumped chiller and can only operate with the On-Tap boiling water units. There are two mains pressure models, a 3 and 6 litre with large recovery rates (24L & 34L per/Hour).

## Product Features

**Modular Design** – The modular design of the Rheem range provides clear installation advantages over the competitors, providing flexibility in installation.

**Energy Saving** – All models have energy saving features, including a timer to turn the unit off and a sleep mode which powers down the unit when it's not in use.

**Stylish Tap** – Developed in close consultation with interior designers, architects, plumbers and consultants to match the most popular mixer tap designs now with the latest in design with our new Azure tap.

**Auto-calibration** – This means the On-Tap unit can be installed at any altitude and will automatically calibrate to 2°C below boiling point. This ensures you always get the hottest cup of tea possible.

## Tap Features

**Tap Design** – Now with two stylish tap options matching the unit with your kitchen design is easier than ever. Each tap design also has an extension and sink free kit option.

**Tap Levers** – The taps house two levers. The hot lever has a red insert, the cold has a blue insert. To operate the levers you can either: a) Pull the lever up to allow for hands free filling, or b) Push and hold the lever down for quick cup fills.



On-Tap  
Aqua

## Safety Features

To activate or de-activate the safety lock, press and hold the safety button down for 5 seconds. When the safety lock is activated, the word SAFETY will light up in Red (Aqua Tap or two red LED's on each side of the word safety on the Azure Tap). To operate the boiling water tap when the safety lock is on, press and hold the safety button whilst also activating the boiling water lever.





## Timer Display

The display indicates the current time, day and date as well as the mode the unit is currently in. The display can be set to display the boiling water temperature. The panel has four user interface buttons. These are:



1. **Prog** – Pressing this button opens the menu. The menu contains the following options:

- **Clock** – Sets the 24 hour clock time.
- **Timer STD/Auto** – Provides the option of having the timer function on.
- **Set ON/OFF Times** – Menu to change the default timer settings.
- **Sleep Delay Time** – Sets when and if the Sleep mode activates.
- **Filter Life** – Access to check remaining filter life, reset the filter life counter, adjust the length of the filter life counter.
- **Service Menu** – Service information including error codes.

2. **Accept** – Pressing this button acknowledges and accepts the display on the screen.
3. **Cancel** – Cancels the request and returns user to the display screen.
4. **UP** – Allows the user to scroll through the menu or alter the values of settings.

For full details of the user interface please see the installation instructions.

## Sink free Kits

In some applications like boardrooms or breakout rooms where a boiling water unit is required to be installed on a bench without a kitchen sink. The sink free extension with tundish is the solution. Each sink free kit contains a drainage grate and a 60mm height extension. There are three options available, the Classic sink free, the Azure plinth sink free and the Azure split sink free kit.



Rheem On-Tap Series		3 Litre Filtered Boiling & Chilled Options				5 Litre Filtered Boiling & Chilled Options			
		Boiling 3L	Chiller 3L	Boiling 3L	Chiller 6L	Boiling 5L	Chiller 3L	Boiling 5L	Chiller 6L
On-Tap Aqua		743003F	290254	743005F	240255	743005F	240254	743005F	290250-3
On-Tap Azure		743103F	290254	743105F	240255	743105F	240254	743105F	290251-5
Capacity	Litres	3	3	3	6	5	3	5	6
Delivery – Initial	Litres	4	3	4	6	5	3	5	6
	Cups <sup>1</sup>	24	15	24	30	31	15	31	30
Recovery	L/hr	24	25	24	34	28	25	28	34
	Cups <sup>1</sup>	145	125	145	175	170	125	170	175
Weight empty	kg	12	22	12	31	12	22	12	31
Weight full	kg	18	25	18	37	18	25	18	37
Min water pressure	kPa	100		100		100		100	
Max water pressure	kPa	1000		1000		1000		1000	
Input	kW	1.8		1.9		2.1		2.2	
Electrical connections		10 amp 3 pin plug & flex		10 amp 3 pin plug & flex		10 amp 3 pin plug & flex		10 amp 3 pin plug & flex	
Plumbing connections		½" BSPM		½" BSPM		½" BSPM		½" BSPM	
Dimensions	mm								
A - Width		175	282	175	282	175	282	175	282
B - Depth		460	430	460	450	460	430	460	450
C - Height		405	360	405	405	405	360	405	405
Accessories	Part No								
Sink-free kit	Ref Fig. 2	Optional	-	Optional	-	Optional	-	Optional	-
Discreet ventilation kit	Ref Fig. 3	-	Supplied	-	Supplied	-	Supplied	-	Supplied

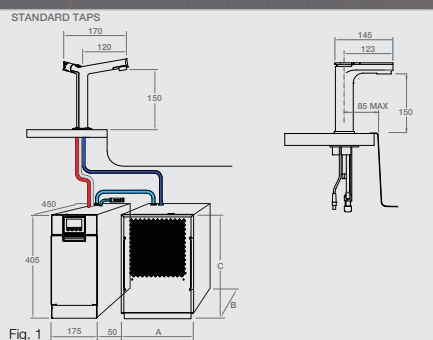


Fig. 1

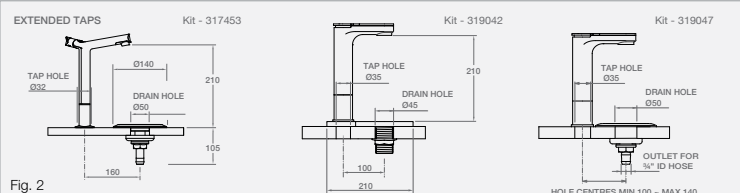


Fig. 2

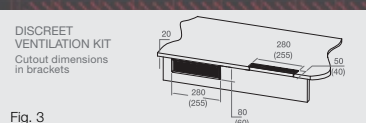


Fig. 3

Rheem New Zealand Ltd

Freephone: 0800 657 336 Freefax: 0800 657 337 Phone: 09 829 0200

475 Rosebank Road, Avondale, Auckland 1026. PO Box 19 011, Avondale, Auckland 1746, New Zealand

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<sup>1</sup>Cup size is 170ml. <sup>2</sup>Recovery based on a 77°C rise.

