

## Comparison of Jantzen Water Purification System with Sand & Fibre Filtration

	Jantzen Purification System	Sand Filtration	Fibre Filtration
Rust, mud, silt & other particles removal ability	0.01 microns	20-50 microns	10-20 microns
Bacteria & Virus removal	Yes	No	No
Suspended solids removal efficiency	> 99%	60% - 80%	60% - 80%
Media Replacement Frequency	5 years	1-2 years	1 year
Flushing / Backwash	Automatic	Complicated	Complicated

We provide.....



**After-Sales Service**



**Maintenance Service**  
FREE Scheduled Maintenance Service



**With Warranty**



**Flexible Installment Plan**  
0% interest for 12 month installment



**SERVICE HOTLINE**  
**603-8075 6684**

Assembled & Distributed By

**NANOWATER RESEARCH LAB SDN. BHD.**  
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Certified by ISO 9001:2000 REG. NO. AR 3753



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*Introducing The Newest Technology in Water Purification System*



**Jantzen Bacteria Free Purification System**  
your solution to water problems



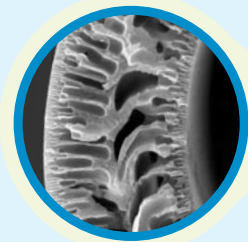
**US NANO TECHNOLOGY UF 5030A**



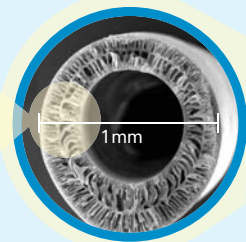
Jantzen Water Purification presents to you...

- 1 Hollow Fibre Membrane 2 Purity Checker™ 3 Periodic Timer™

# 1 BACTERIA FREE Water!!



2-Layer Membrane of Microscopic Pores



External Diameter: 1mm



Membrane Pore Size: 0.01 Micron

Rest assured that your water has been filtered with superior water purification system to protect you from bacteria & waterborne diseases. **Jantzen Bacteria Free Purification System** uses thousands of 0.01 micron hollow fibre membrane that consists of billions of microscopic pores to effectively block away contamination from entering your household water piping system at point of entry. It function as blocking out larger contaminants such as dirt, bacteria, parasites and viruses.

## Why 0.01 micron?

**Jantzen Bacteria Free Purification System** arrests impurities as small as 0.15 microns\* in size (less than one millionth of an inch) while the "Dissolved Salts" and "Essential Minerals" can freely pass through.

Filtration system with 0.01micron is much more effective as compared to

- i. **Sand Filter:** arrests impurities size within 20-50micron
- ii. **Fiber Filter:** arrests impurities size within 10-20microns

The smaller micron size used, the smaller impurities it can block away.

## Molecule Size Comparison

(micron unit) Micrometer	Raw Water	Common Items	Filtration Ability
100		Coal, Dirt, Particles, Sand	Jantzen Bacteria Free Purification System effectively blocks and removes particles larger than 0.015 microns from your water supply.
10		Mist, Pollen, Hair	
1.0		Yeast, Blood, Cells, Flour, Bacteria	
0.1		Vibrio Cholerae, E. coli	
0.01		Dust, Virus (0.02-0.4 microns)	
0.001		Dissolved Salts, Essential Minerals	Dissolved salts and essential minerals freely pass through.
	<b>Quality Filtered Water</b>		



# 2 Peace of Mind Quality Assurance - Purity Checker™

Pamper yourself with the peace mind that the 'Filtered Water' is **100%** Clean!!

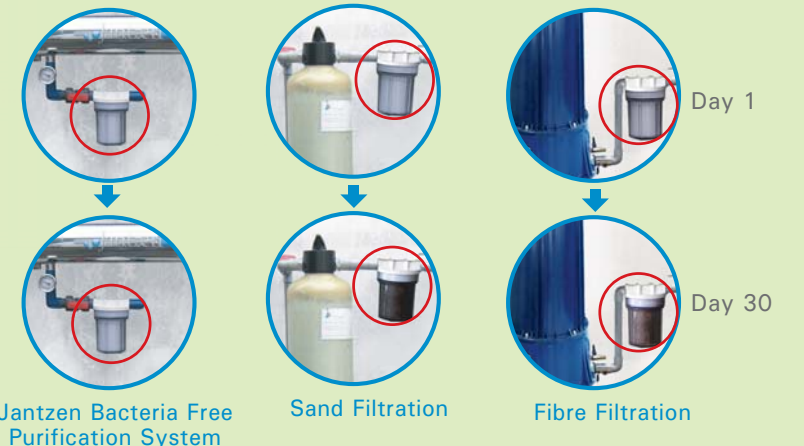
**Jantzen Bacteria Free Purification System** has a 'Purity Checker™' to Visually ensures that the filtered water remains clean.

## How can we show you the difference?

A 30 days "Filtered Water" Test on **Jantzen Bacteria Free Purification System**, Sand Filter and Fiber Filter with Purity Checker Installed!

Result shows that **Jantzen Bacteria Free Purification System** 'filtered water' remains totally clean even after 30days of usage.

Purity checker of Sand & Fiber filter turned into brown color shows that both of the filter does not block those smaller impurities.



Our Water Purification system has been tested by SIRIM & we guarantee you quality assurance of filtered water similar to bottled water.

AKREDITASI  
**SAMM**  
MALAYSIA  
ISO/IEC 17025  
TESTING  
SAMM NO. 087

**TEST REPORT**

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This report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Executive Director, SIRIM QAS International Sdn. Bhd.

**Test Results**

Product : Water Filtration System

No.	Type of Tests	Methods Used	Requirement under Malaysian Food Act 1983 for Drinking Water (maximum allowed)	Test Results
1.	Total coliform count per 100 ml (MPN) <sup>(1)(2)</sup>	Multiple Tube Method	10	Nil
2.	<i>Escherichia coli</i> count per 100 ml (MPN) <sup>(2)</sup>	Multiple Tube Method	Nil	Nil

*Comment:* The sample tested complied with the requirements of Malaysian Food Act 1983 for drinking water as per tested parameters.

Note: - no limit given  
(1) MPN: Most Probable number  
(2) These are no SAMM accredited

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 Chemical Testing Section  
 SIRIM QAS International Sdn. Bhd.

**Test Results indicate bacteria can be removed using Jantzen Bacteria Free Purification System.**