

MANUFACTURER OF CUSTOMIZED, ENGINEERED FILTRATION PRODUCTS

SAIPOL CARTRIDGES CARRY
THE AUSTRALIAN WATERMARK



SAIPOL
TECHNOLOGIES

Saipol technologies is a specialist manufacturer of customised filtration products, designed to service a range of sectors, with applications in travel, hospitality, residential and commercial use.

FOR OVER TWENTY YEARS SAIPOL AND IT'S AFFILIATE COMPANIES HAVE BEEN DESIGNING AND CREATING CUSTOMISED FILTRATION SOLUTIONS FOR A RANGE OF MARKETS AND INDUSTRIES.

Designed with performance in mind, all SAP series filters are manufactured to the highest standards of product quality and efficacy. The SAP series of snap-in cartridge filters are designed to retrofit Cuno, Everpure and Zip style drinking and boiling water filter cartridges. SAIPOL also manufacture several models to accommodate a range of system head designs and configurations, ensuring all of your filtration needs can be met.

Contact SAIPOL or your nearest stockist for more information.

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FEATURES

Comprehensive range of designer filter head and cartridge medias.

Provides enhanced and ongoing equipment protection and optimum beverage quality.

Robust, durable cartridge construction.

Watermark compliant.

BENEFITS

Choice of models designed for multiple water quality conditions.

Ensures ongoing and reliable filtration performance whilst providing continued protection.

Built for longevity and reliability in service.

Meets Australian Plumbing Code.

CARTRIDGE SPECIFICATIONS

Materials of construction:	Virgin Polypropylene
Micron Rating:	0.22, 0.5, 1.0 or 5 Micron (Depending on model)
Design Pressure:	875 Kpa
Operating Temperature:	Up to 38°C
Optimum Cartridge Flow Rate:	2-3.5 LPM
Performance Removal Claim: (*on select models)	Triple Action / Dirt Rust Activate Carbon Cyst Reduction

CARTRIDGE CROSS REFERENCE GUIDE

Model / Series	SAIPOL Alternatives
Zip 91241	SAP-01
Zip 91240	SAP-02*
Zip 51000, 52000, 53000, 54000, 55000	SAP-03
Zip 28001, 28002, 28004	SAP-04
Zip 91290, 91289, 91291	SAP-05*
Zip 91292	SAP-06

Product Disclaimer

The details provided in this brochure are true and correct at the time of printing. SAIPOL Technologies however reserves the right to make changes or products improvements as required without notice.

SAIPOL PRODUCT LINE EXTENSIONS

STANDARD

- Triple Action - Sediment, Scale Reduction, Taste and Odour
- Choice of 5 or 0.5µm
- Available across all Zip models
- NSF Listed Carbon materials
- Fully Watermarked

C GRADE

- 1µm sediment removal
- Double Action - Reduces Sediment and Scale
- NSF Listed materials
- Watermark Approved
- Retrofits across all existing Zip filter platforms
- Fully Compliant with Queensland Health Directive 1/2016

A GRADE

- 0.22µm Absolute rated filter media
- Double Action - Reduces Sediment and Scale
- Bacteria Reduction - log reduction 7 (99.995% reduction) across a panel of bacteria and viruses
- Fully Compliant with Queensland Health Directive 1/2016

TABLE 1 - BACTERIA CHALLENGE DATA - SAIPOL A GRADE FILTERS

TEST STANDARD	BACTERIA	LOG
ASTM838	Pseudomonas Diminuta	6
P231 (NSF)	Klebsiella terrigena	6
	Poliovirus 1	4
	Rotavirus	3
	Cyst	3
P244 (NSF)	Routella terrigena	6
	fr coliphage	4
	MS2 coliphage	4
	Cyst	3

Saipol's range of bacterial retentive - 0.22µm filters are challenge tested with a panel of industry specific and recognised bacteria and other contaminating micro-organisms as shown in Table 1.

Note:

The average size of Legionella bacteria is 0.5-1.0µm in diameter x 1.0-3.0µm long.

SAIPOL FILTERS ORDERING GUIDE

SAP SERIES	FILTER SERIES	GRADE	RATING
SAP	01	Standard	0.5 or 5µm
	02	(Triple Action)	
	03	C = Sediment Only	1µm
	04	(Double Action)	
	05	A = Absolute	0.22µm
	06	(Double Action)	

Note:

1. C & A Grade are carbon free
2. C & A Grade filters are available only on selected Filter Series