



**IRRIGATION
UNLIMITED**

SINCE 2003



2025

**IRRIGATION
FILTERS**

Product Catalogue & Price List



www.iunlimited.co.za

Pretoria Tel : 012 736 2121 / 2323 / 2526 / 2103

Cape Town Tel : 021 946 1194 / 4931 / 1803

**STRICTLY
TRADE
ONLY**

CONTACT DETAILS

PRETORIA

HEAD OFFICE

TEL: 012 736 2121 / 2323 / 2526 / 2103 / 2525

POSTAL: P.O. Box 770, Rayton, 1001

ADDRESS: Plot 56 Irrigation Estate R104
(Old Pretoria / Bronkhorstspuit Road)
District Rayton, Pretoria



Google
Maps pin

S -25° 789
E 28° 5029

CAPE TOWN

CPT BRANCH

TEL: 021 946 1194 / 4931 / 1803

FAX: 086 612 5676

POSTAL: P.O. Box 770, Rayton, 1001

ADDRESS: Unit 1 - 5 Coenru Business Park
Coenru Street, Kaymor (Stikland),
Bellville, Cape Town, 7530



Google
Maps pin

S -33° 900
E 18° 665

LIMPOPO



INDEPENDENT OUTLET

TEL: 015 293 1414 / 1072
083 633 6378

EMAIL: reception@ttagencies.co.za

POSTAL: P.O. Box 4212, Polokwane, 0700

ADDRESS: 19 Natrium Street,
Ladine, Polokwane, 0700



Google
Maps pin

S -23° 53'18.9"
E 29° 26'13.6"





**IRRIGATION
UNLIMITED**



**PROUDLY
DISTRIBUTED
BY**



**now proudly distributes
Afriq Water products nationwide.**

Afriq Water is a proudly South African manufacturer of Dripline Irrigation, Quick Coupling HDPE Systems and various other irrigation products. With their continued efforts to irrigate for a greener tomorrow, their quality, value-for-money products are supplied through retailers to farmers.



IMPORTANT NUMBERS

REGISTRATION NO.: 2003/005763/23
VAT REGISTRATION NO.: 4610204259
PAYE REG.: 7100746157
IMPORT/EXPORT CODE: 20143250
UIF: U100746157

TERMS & CONDITIONS

PRICES EXCLUDE VAT AND DELIVERY

ITEMS NOT ON PRICE LIST

- ◆ Will only be manufactured upon receipt of a drawing.
- ◆ CANNOT be returned for credit.
- ◆ Once production has started on these products, order CANNOT be cancelled.

ITEMS MARKED WITH *

- ◆ Will only be manufactured once IU has received a formal Purchase Order.
- ◆ CANNOT be returned for credit.
- ◆ Once production has started on these products, order CANNOT be cancelled.
- ◆ Subject to current lead times.

RETURN OF GOODS

A 15% handling charge will be levied on all returns. Transport costs is also for the account of the buyer.

RISK

The risk in the products to be sold by the company shall pass to the purchaser when the products are delivered to the purchaser, or received by the purchaser.

DATE OF PRICE LIST

If the price list is older than 6 months, you should enquire about the validity thereof.

PLEASE
NOTE

SETTLEMENT DISCOUNT

To qualify for a settlement discount, payment should reach us or be in our account on the last working day of the month.

IMPORTANT

It is recommended and beneficial to review your quotation in detail, to ensure we have met all of your requirements.

- ◆ All prices exclude VAT.
- ◆ E & OE (Errors & Omissions Expected).
- ◆ Lead times are subject to change without prior notice.
- ◆ Please place your orders early to ensure timeous delivery.
- ◆ EFT Payments should reflect and be cleared by our accounts department before any goods can be scheduled.

ALL PRICES RECOMMENDED RETAIL / CO-OP PRICES, EXCLUDING VAT

BANK DETAILS



PLEASE NOTE:

Our banking details will not change, unless telephonically confirmed by one of our key personnel.

BANK: Standard Bank
ACCOUNT NO.: 021 354 898
BRANCH: Castle Walk
BRANCH CODE: 015841
SWIFT CODE: SBZAJJ

TRANSPORT POLICY & OPTIONS

1

If the value of the order is ABOVE R6000 (Nett exclusive) we will dispatch with our own courier **on our cost** to any town in the RSA.

2

If the value of the order is LESS THAN R6000 (Nett exclusive) we can dispatch it with our own courier at a cost of R250 (exclusive) to any town in the RSA.

3

This policy is not applicable to the transport of 3m, 6m pipes, dragline stands and irrigators. Transport of this is to be negotiated upon placement of order.

4

If you return goods for reason not due to our fault we will deduct the original transport charges as well as handling charges from the credit.

5

Goods will be dispatched by economy class only.

6

Orders should reach us before 11h00 on a specific day for dispatch by our own couriers on that day. The same cut-off time applies to deliveries.

7

Orders for delivery should reach us before 10h00 to be dispatched on route schedule.

8

We cannot ensure orders will be dispatched the same day when placed after 11h00, even if there is an existing order placed before 11h00.

9

We reserve the right to automatically add the courier cost to the invoice.

10

Please allow **3 hours** after order is placed for other couriers to collect.



ADVANTAGES TO YOU

1. Daily dispatches.
2. You know exactly what your transport cost is. (R250 or free)
3. Deliveries by our own courier will be within 72 hours to any town in the RSA (dedicated weekly deliveries do not apply).



Erhas
Irrigation Filters,
imported by
Afriq Water,
are ideal for
filtering out
organic and
non-organic
materials,
to extend the
lifetime
of your
irrigation
system.



Erhas Irrigation Filters





Irrigation Filters Definitions

Cartridge

The inner part of the filter. This piece is replaceable in the housing, and this piece is what determines effective filtration.

Screen Filters

Filters with screen cartridges



Screen cartridges are the most common filters and are excellent for removing hard particles such as sand. They are not ideal for removing organic materials such as algae and slime. These non-solid materials tend to embed themselves into the screen material where they are very difficult to remove or they simply slide through the holes in the screen.

Disc Filters

Filters with disc cartridges



Disc cartridges are good at removing both particulates, like sand and organic matter. A disc filter consists of a stack of round discs. The discs have minuscule spaces between them when stacked together. The water is forced between the spaces between the discs, and the particulates are filtered out because they won't fit through these gaps. The organics are snagged in between the discs.

Micron

Refers to the size of particles that a filter will filter out. If a filter is 5 microns, it can filter out the smallest bacteria particles, but a filter of 130 microns (which we recommend you use), filters out basic debris, sand, dirt, algae, etc. without affecting the flow rate.

Filtration Surface

The surface available on the cartridge that can catch and retain particles in a layer. This 'caught' layer only increases the filtering material available to catch debris.

Irrigation Filter Uses

Dripline Irrigation

Prevents clogging of emitters (if the emitter becomes clogged, the dripline cannot function).

Small particles that pass through the system still cause wear on the inner pipes.

Sprinkler Systems

Prevents clogging of nozzles and reduces the wear that particles and granules can have on your system.

Fertilizer Tanks

The Fertilizer Tank should be installed before the filter, as undissolved fertilizer can cause blockages in the irrigation system.





Choosing the Right Filter

Calculate Flow Rate required

Using your pump as a guide

For example, say the farmer's pump is rated to deliver 40 000 l/h, a filter of a minimum of 40m³/hr is required.

By calculating the field's irrigation system total flow rate

This way, you know that the filter will be sufficient for the amount of water that will actually be traveling through the system in l/h

Dripline example

e.g. The farmer has 18 lines of 100m each, with 30cm spacing between emitters and a flow rate of 2 l/h per emitter

Flow Rate = Spacing x Length of Dripline x Amount of Lines x l/h

$$FR = (1m/.3m) \times 100 \times 18 \times 2$$

$$FR = 3.33 \times 100 \times 18 \times 2$$

= 11 988 l/h flow rate for the entire field

i.e. This farmer will require a filter that can handle 12m³ safely, so it's advised to use one size up which is a 15m³ filter.

Consider practical use

Take into consideration the density of pollutants in the water

The source of water and the level of filth in that water origin is an important consideration to make. Dams and rivers often require a more extensive filter bank than other systems to sufficiently filter out pollutants.

Take into consideration the 4 biggest pollutants

	TYPE	FILTER
Solids	Solids like manure or dirt can clog water outlets.	Disc
Sand	Sand will clog water outlets, and cause wear-and-tear to the inner walls of the system.	Screen
Algae	Algae will clog water outlets, and grow on the inner walls of the pipe, accumulating debris and creating blockages.	Disc
Debris	General pollutants from a river or dam will cause blockages, create wear-and-tear and clog outlets.	Disc

Cleaning Irrigation Filters

Screen Filters

Remove the screen cartridge by removing the top of the filter and unscrewing the cartridge. Pull out and wash by hand with dishwashing liquid.

Disc Filters

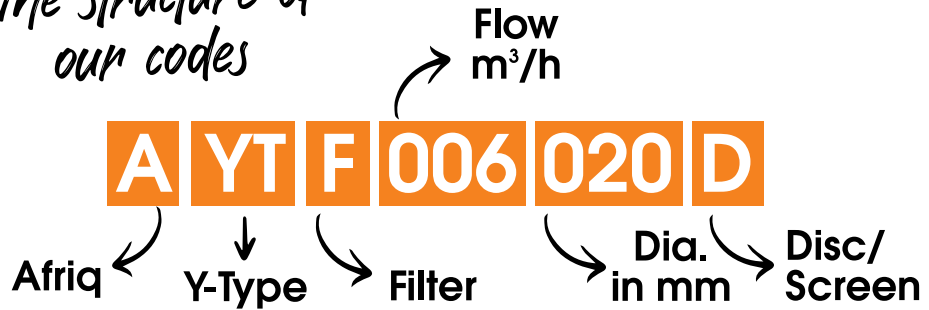
Remove the disc cartridge by removing the top of the filter, unscrewing the cartridge, and pulling it out. The layers of the disc filter will loosen, and you'll be able to clean between the discs with dishwashing liquid.

The discs will come back together when you insert and tighten the cartridge



Irrigation Filter Prices

The structure of our codes

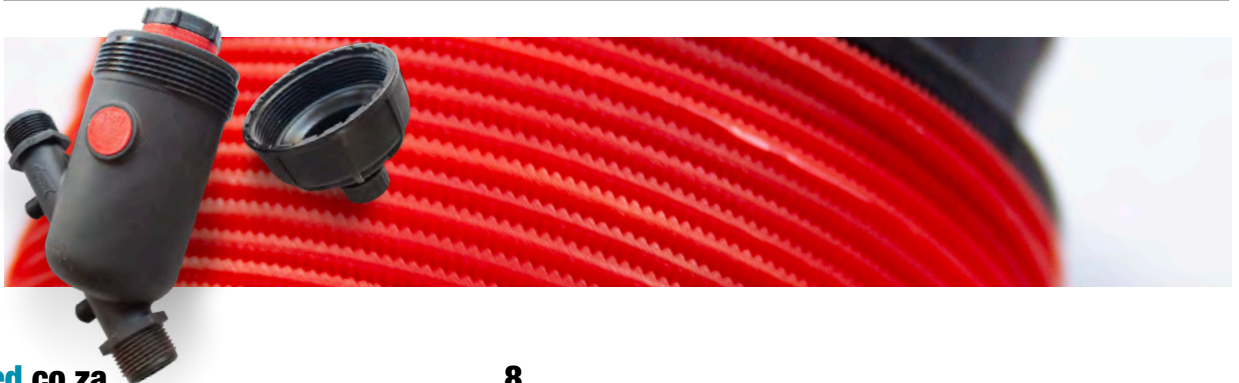


Y-Type In-Line Filters BSPT x BSPT

IMAGE	CODE	SIZE	DIAMETER		FLOW	TYPE	MICRON	FILTRATION SURFACE	REC. RETAIL PRICE
	AYTF006020D	MINI	3/4"	20mm	6m ³ /h	Disc	130	172 cm ²	R 162.36
	AYTF006020S	MINI	3/4"	20mm	6m ³ /h	Screen	130	178 cm ²	R 141.25
	AYTF007025D	MINI	1"	25mm	7m ³ /h	Disc	130	172 cm ²	R 162.36
	AYTF007025S	MINI	1"	25mm	7m ³ /h	Screen	130	178 cm ²	R 141.25
	AYTF010032D	MIDI	1 1/4"	32mm	10m ³ /h	Disc	130	312 cm ²	R 250.86
	AYTF010032S	MIDI	1 1/4"	32mm	10m ³ /h	Screen	130	322 cm ²	R 210.41
	AYTF015040D	MIDI	1 1/2"	40mm	15m ³ /h	Disc	130	312 cm ²	R 250.86
	AYTF015040S	MIDI	1 1/2"	40mm	15m ³ /h	Screen	130	322 cm ²	R 210.41
	AYTF020040D	+PLUS	1 1/2"	40mm	20m ³ /h	Disc	130	559 cm ²	R 439.38
	AYTF020040S	+PLUS	1 1/2"	40mm	20m ³ /h	Screen	130	525 cm ²	R 321.02
	AYTF025050D	+PLUS	2"	50mm	25m ³ /h	Disc	130	559 cm ²	R 439.38
	AYTF025050S	+PLUS	2"	50mm	25m ³ /h	Screen	130	525 cm ²	R 321.02

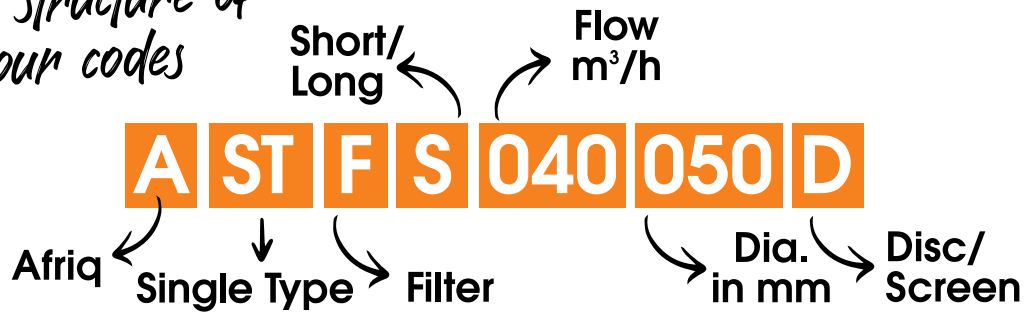
Replacement Cartridges for Y-Type In-Line Filters

IMAGE	CODE	SIZE	MICRON	TYPE	REC. RETAIL PRICE
	AYTCMINI020025D	MINI	130	Disc	R 58.35
	AYTCMINI020025S	MINI	130	Screen	R 108.63
	AYTCMIDI032040D	MIDI	130	Disc	R 119.40
	AYTCMIDI032040S	MIDI	130	Screen	R 140.95
	AYTCPLUS040050D	+PLUS	130	Disc	R 217.26
	AYTCPLUS040050S	+PLUS	130	Screen	R 184.04





*The structure of
our codes*



Single Plastic Filter Stainless Steel Clamp BSPT x BSPT x BSPT

IMAGE	CODE	SIZE	DIAMETER		FLOW	TYPE	MICRON	FILTRATION SURFACE	REC. RETAIL PRICE
	ASTFS040050D	Short	2"	50mm	40m ³ /h	Disc	130	1335 cm ²	R 3 545.09
	ASTFS040050S	Short	2"	50mm	40m ³ /h	Screen	130	1210 cm ²	R 3 833.65
	ASTFL040050D	Long	2"	50mm	40m ³ /h	Disc	130	1810 cm ²	R 3 875.20
	ASTFL040050S	Long	2"	50mm	40m ³ /h	Screen	130	1620 cm ²	R 4 328.44
	ASTFS048063D	Short	2 ½"	65mm	48m ³ /h	Disc	130	1335 cm ²	R 3 545.09
	ASTFS048063S	Short	2 ½"	65mm	48m ³ /h	Screen	130	1210 cm ²	R 3 833.65
	ASTFL048063D	Long	2 ½"	65mm	48m ³ /h	Disc	130	1810 cm ²	R 3 875.20
	ASTFL048063S	Long	2 ½"	65mm	48m ³ /h	Screen	130	1620 cm ²	R 4 328.44
	ASTFS055080D	Short	3"	80mm	55m ³ /h	Disc	130	1335 cm ²	R 3 545.09
	ASTFS055080S	Short	3"	80mm	55m ³ /h	Screen	130	1210 cm ²	R 3 833.65
	ASTFL055080D	Long	3"	80mm	55m ³ /h	Disc	130	1810 cm ²	R 3 875.20
	ASTFL055080S	Long	3"	80mm	55m ³ /h	Screen	130	1620 cm ²	R 4 328.44

Double Plastic Filter Stainless Steel Clamp BSPT x BSPT

IMAGE	CODE	SIZE	DIAMETER		FLOW	TYPE	MICRON	FILTRATION SURFACE	REC. RETAIL PRICE
	ADTFS070080D	Short	3"	80mm	70m ³ /h	Disc	130	2670 cm ²	R 6 183.70
	ADTFS070080S	Short	3"	80mm	70m ³ /h	Screen	130	2435 cm ²	R 6 719.27
	ADTFL100080D	Long	3"	80mm	100m ³ /h	Disc	130	3615 cm ²	R 6 801.61
	ADTFL100080S	Long	3"	80mm	100m ³ /h	Screen	130	3245 cm ²	R 7 708.85
	ADTFS070100D	Short	4"	100mm	70m ³ /h	Disc	130	2670 cm ²	R 6 183.70
	ADTFS070100S	Short	4"	100mm	70m ³ /h	Screen	130	2435 cm ²	R 6 719.27
	ADTFL100100D	Long	4"	100mm	100m ³ /h	Disc	130	3615 cm ²	R 6 801.61
	ADTFL100100S	Long	4"	100mm	100m ³ /h	Screen	130	3245 cm ²	R 7 708.85



Erhas Irrigation Filter Price List



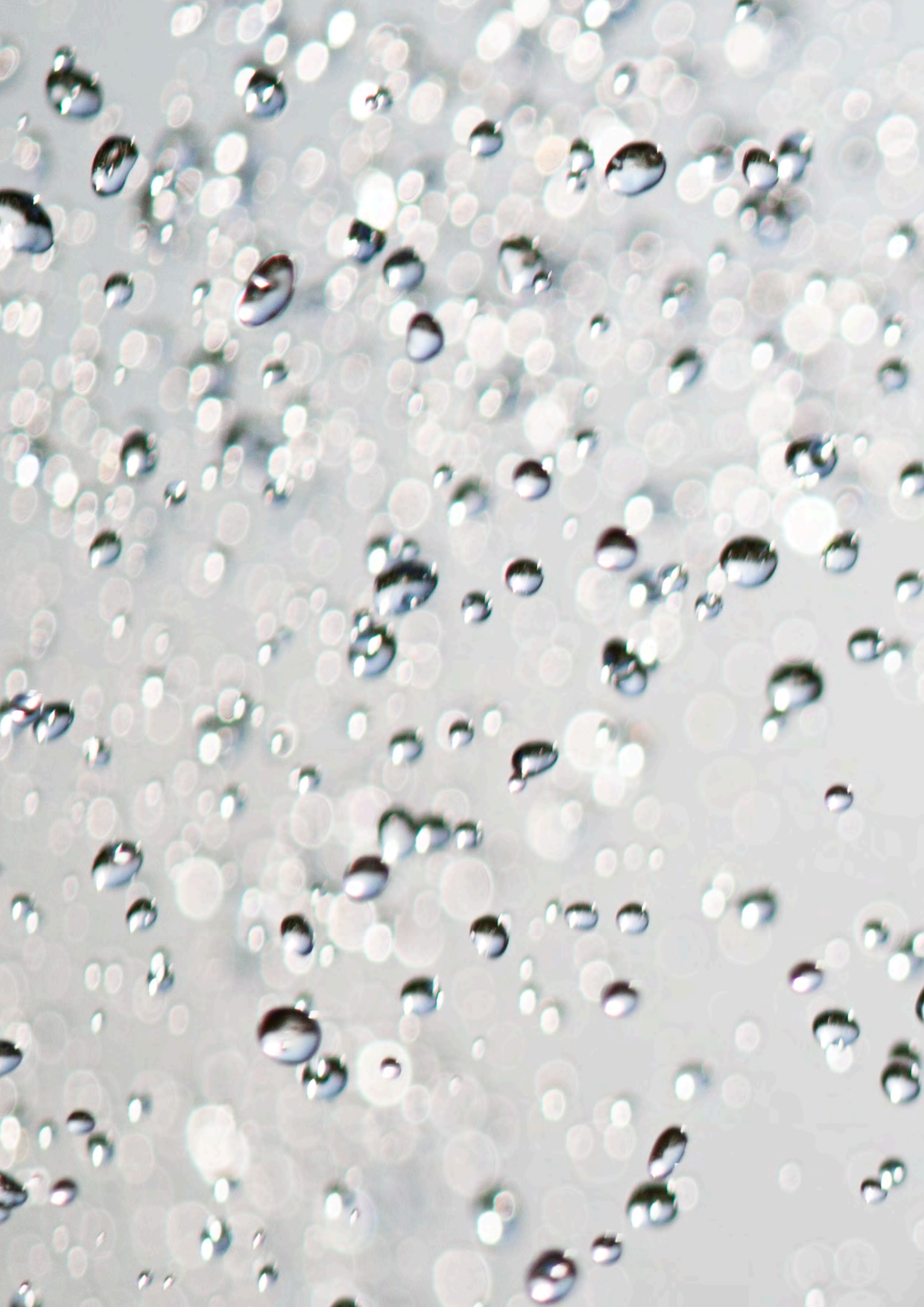
Replacement 130 Micron Cartridges for Single & Double Plastic Filters

IMAGE	CODE	MICRON	TYPE OF CARTRIDGE	FITS THE FOLLOWING FILTER BODIES				REC. RETAIL PRICE	
				SIZE OF FILTER	50mm	63mm	80mm		100mm
	ASDDFRCS	130	DISC	SS	✓	✓	✓	✓	R 730.77
				SL					
				DS	✓	✓	✓	✓	
				DL					
	ASDDFRCL	130	DISC	SS					R 913.91
				SL	✓	✓	✓	✓	
				DS					
				DL	✓	✓	✓	✓	
	ASDSCSL-12.0	130	SCREEN	SS	✓	✓	✓	✓	R 359.10
				SL	✓	✓	✓	✓	
				DS	✓	✓	✓	✓	
				DL	✓	✓	✓	✓	
				This is a 12.5cm additional section that can be used to build a new cartridge or add on to a cartridge that is too short.					
	ASDSCSL-25.0	130	SCREEN	SS	✓	✓	✓	✓	R 717.30
				SL	✓	✓	✓	✓	
				DS	✓	✓	✓	✓	
				DL	✓	✓	✓	✓	
				This is a 25cm small two section unit that can be used to build a new cartridge or add on to a cartridge that is too short.					
	ASDSCSL-37.5	130	SCREEN	SS	✓	✓	✓	✓	R 1 076.40
				SL	✓	✓	✓	✓	
				DS	✓	✓	✓	✓	
				DL	✓	✓	✓	✓	
				This is a 37.5cm large three section unit that can be used to build a new cartridge or add on to a cartridge that is too short.					
	ASDSCL-50.0	130	SCREEN	SS					R 1 435.50
				SL	✓	✓	✓	✓	
				DS					
				DL	✓	✓	✓	✓	
				This is a 50cm large four panel unit, and can only be used on its own.					

TYPES OF FILTER BODY:

SS - Single Short | SL - Single Long | DS - Double Short | DL - Double Long







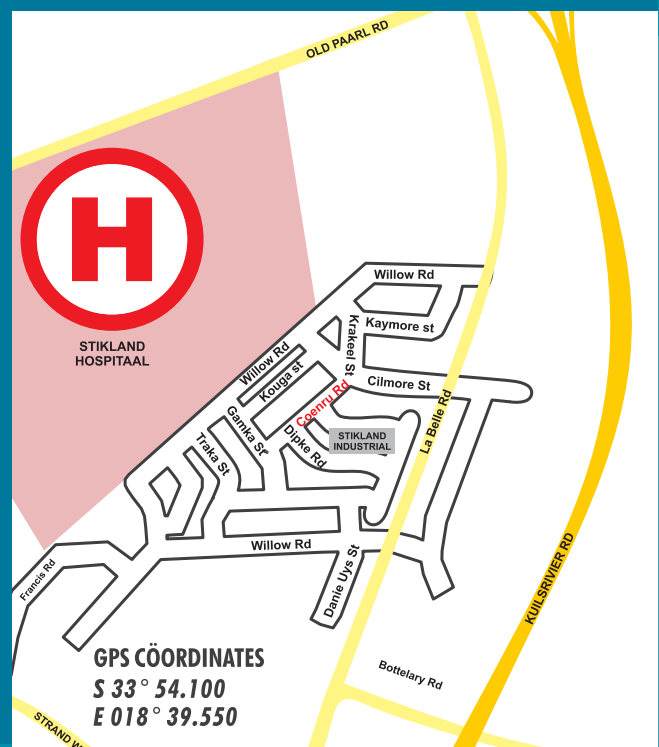
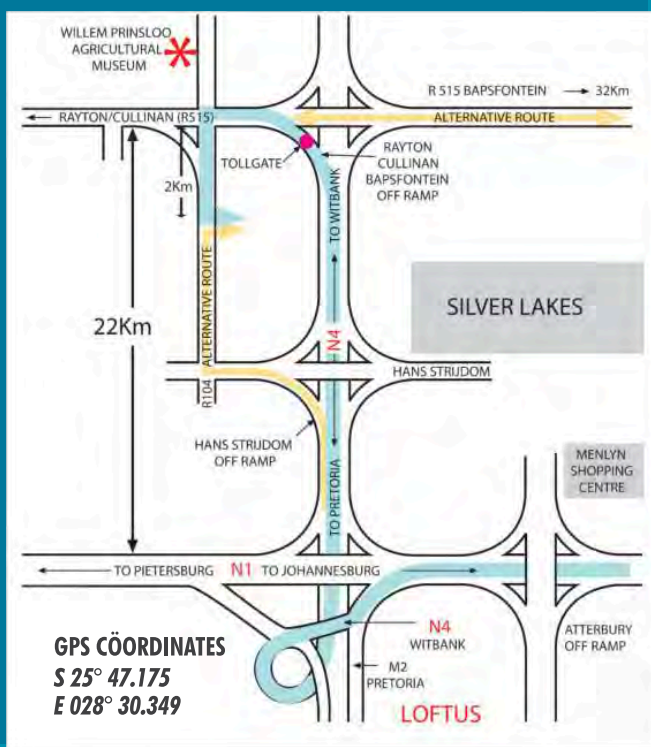
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OPERATING HOURS
OFFICE : MON - FRI 7:30 - 16:30
STORES : MON - FRI 7:30 - 16:00

PTA

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