



Danamix

WATER SOLUTIONS

Pricelist and Technical Detail



TERMS AND CONDITIONS OF SALE

1. Payment

Unless prior consent has been granted by the Danamix Credit Controller, the customer or their agent must make full payment for all goods upon delivery to the appointed carrier. Where credit terms have been applied for and approved by Danamix, all payments—unless otherwise stipulated in writing—are due thirty (30) days from the date of the statement issued at the end of the month in which the purchase occurred.

Interest will be charged on all overdue accounts at a rate determined by Danamix from time to time, currently 22.00% per annum. A settlement discount of 2.5% may be deducted from amounts paid in full within the 30-day period specified above (i.e., the payment must reflect in Danamix's bank account on or before the last day of the following month), unless alternative terms have been agreed in writing.

2. Orders

All goods are to be ordered using Danamix **product code numbers and descriptions**. This will eliminate the risk of the incorrect goods being supplied. This company will not be responsible for any errors made on orders not containing full Danamix codes and descriptions.

3. Ownership

Ownership and the title of the goods will only change from Danamix to the customer upon payment in full to Danamix.

4. Delivery

NB. Price of the goods does not include delivery costs, unless expressly agreed otherwise between Danamix and the customer. The customer must ensure that the goods are insured for loss or damage during transport. Delivery times or dates quoted are based on information at hand at time of quote. Whilst Danamix will do everything in its power to execute the order on time, Danamix does not assume any responsibility whatsoever for any delays or the consequences thereof. All part orders accepted are on condition that Danamix shall not be liable for any losses incurred through delays in completion or stoppages, nor for any direct or indirect consequential damages.

5. Returns

Any defective or factory damaged goods will be replaced or credited on application.

Short supply – All goods are supplied ex-factory and are signed for as correct whomever the customer has sent to collect such goods (including couriers appointed by the customer) or post.

Any **claim** for short supplied goods will, however only be effected if we are advised within **48 hours** of the goods being received. Any claim will be checked against our system to verify if they were short supplied and if necessary resupplied or credited.

No goods returned will be accepted unless the original invoice number is quoted with the date of purchase on it and the reason for sending back on a Goods return note. Period for goods to be returned is due within 30 days after receiving of goods.

Goods correctly supplied will be subject to a 15% handling fee on return. Freight costs are at the customer's expense.

6. Consequential loss

Danamix shall not, under any circumstance, be liable for consequential loss or damage, either direct or indirect.

7. Specifications

All specifications and performance data are given in good faith and unless specifically stated otherwise, do not represent a guarantee. Any pictures, product or packaging may sometimes differ from the product or package supplied.

8. Installations

Danamix shall not be held liable for any incompatibility issues, performance deviations, or failures arising from the use of Danamix products, spare parts, or components in conjunction with non-Danamix products, parts, or systems. The customer acknowledges that optimal performance and compliance with Danamix specifications can only be assured when Danamix products and spare parts are used exclusively with other Danamix-approved components and systems. The installation of any of the goods shall not constitute an act of acceding same to any immovable property.

9. Risk in Products

Risk in products shall pass to the customer from the date of loading ready for dispatch by Danamix.

10. Product Pricing & Design changes

Danamix reserves the right to redesign, alter or modify its products without incurring any liability whatsoever to any prior buyers of products.

Our current catalogue, design manual, price sheets and other technical material and others are subject to withdrawal or change at any time without prior notice, and possession of current catalogue or price sheets does not constitute an offer to sell.



Pricelist - November 2025

	Page
DAX Micro Sprinkles	
Modular Group F4	1 to 3
Modular Group F5	4 to 5
Regulated Group F10	6
Parts and Accessories	7 to 8
Complete Tube Combinations	9
Technical Detail	10
Greenhouse Irrigation	11 to 12
Dax Sprinklers	
Technical Spacing-Radius	13
Dax 8501 Mini Sprinkler	14
Dax 8504 Super 8 Mini sprinkler	15
Dax 8503 Super 10 Sprinkler	16
Sprinkler Stands 9/12	17
DAX 8022 Impact Sprinkler	18
DAX 8035 Impact Sprinkler	19
DAX 8037 Impact Sprinkler	20
General Prodcuts	
ADDITIONAL PRODUCTS	21
TAVLIT SWIVEL FITTINGS	22
THREAD LOCK SADDLES	23
Eintal Spinklers	
Eintal F3 Local heads only	24
Imported VIBRO heads only	25
F3 Parts and Accessories	26
F3 cut Tubes and Pegs	27
Drip Irrigation	
Aster Non PC Dripperline	28
Aster PC Dripperline	29
TAPE and Garden Dripperline	30
Dripperline Fittings	31
Safety Brown Dripperline Fittings	32
Button Drippers	33
Button dripper Fittings	34



Pricelist - November 2025

	Page
Danamix Filtration	
Danamix 100 Series Screen Disc	35
Danamix 200 Series Screen Disc	36
Danamix 300 Series Screen Disc	37
Danamix GLS 2000 50mm Disc Auto Filterbanks	38
Danamix GLS 4000 100mm Disc Auto Filterbanks	39
Azud Filtration	
AZUD 100 Series Screen Disc	40
AZUD 100 Series Screen Disc Spares	41
AZUD AGL Series Disc	42
AZUD AGL Series Disc Spares	43
AZUD Helix Disc	46
AZUD Helix Disc Spares	47
AZUD Spiral Screen Semi Auto Filter	48
AZUD Spiral Screen Filter Spares	49
AZUD 50mm Automatic Filter Banks	51
AZUD 80mm Automatic Filter Banks	52
AZUD 100mm Automatic Filter Banks	53
AZUD Luxon Hydraulic LCA Automatic Screen Filters	54
AZUD Luxon Hydraulic MFH Automatic Screen Filters	55
Luxon Spare Parts	56
Inovato Hydraulic Valves	
Plastic Hydraulic Valves - 40mm - 80mm BSP	57
Plastic Hydraulic Valves - 80mm - 150mm Flanged	58
Valve Fittings	61
Airvalves	62
Green Fingers Prepack Products	
Prepacks	63 + 64
IRRICAD	
Irricad Design Software Package - Standalone	65 + 66
Irricad Link Design Software Package for Autocad and Bricscad	67 + 68
Irricad Design Software Addon Package for Pivot Design	69 + 70

DAN MICRO



Danamix
WATER SOLUTIONS



Effective Wetted Radius For Head Only At 0.25meter Above Ground

NOZZLES			SPREADERS										SWIVELS				0.6m Height
	Operating Pressure	Flowrate in															
COLOUR SIZE	in Bar	Liters / Hour	BLACK 90 DEG	RED 180 DEG	PURPLE MISTER	BLUE STRIP	ORANGE CLOSE	YELLOW FLAT	GREY 18 JET	GREEN 18 JET	YELLOW 1.0M	BLUE 1.5M	BLACK 2.5M	ORANGE 3.5M	UPSIDE DOWN		
VIOLET 0.82mm	1.00	25	1.00	1.00	0.70	1.50	0.40	1.20	1.60	1.60		1.10	2.60		-		
	1.50	30	1.00	1.10	0.70	1.60	0.40	1.30	1.75	1.75		1.40	2.70		-		
	2.00	35	1.10	1.10	0.80	1.60	0.45	1.40	1.80	1.80		1.70	2.80		-		
BROWN 0.94mm	1.00	32	1.40	1.10	0.80	2.00	0.40	1.40	1.80	1.80	0.90	1.20	2.60		-		
	1.50	37	1.50	1.10	0.80	2.10	0.40	1.60	2.40	2.40	1.40	1.50	2.70		-		
	2.00	43	1.70	1.20	0.90	2.10	0.45	1.70	2.50	2.50	1.50	1.75	2.80		5.00		
PINK 1.02mm	1.00	40	1.50	1.20		2.00	0.40	1.50	2.00	2.00	1.00	1.50	2.80		-		
	1.50	50	1.80	1.30		2.05	0.40	1.60	2.60	2.60	1.55	1.60	2.90		4.50		
	2.00	58	2.00	1.30		2.10	0.45	1.70	2.70	2.70	1.60	1.75	3.00		5.40		
GREY 1.16mm	1.00	49	1.60	1.30		2.10	0.40	1.60	2.20	2.20	1.10	1.60	2.80		-		
	1.50	60	1.70	1.30		2.15	0.40	1.60	2.70	2.70	1.70	1.90	2.90		4.80		
	2.00	70	1.80	1.40		2.25	0.45	1.70	2.85	2.85	1.70	1.90	3.00		5.50		
WHITE 1.28	1.00	60	1.80	1.30		2.15	0.40	1.60	2.40	2.40		2.90	3.80		-		
	1.50	75	1.90	1.40		2.20	0.40	1.70	2.75	2.75		2.90	4.10		5.00		
	2.00	88	2.00	1.40		2.25	0.45	1.80	2.90	2.90		3.00	4.30		6.00		
GREEN 1.41mm	1.00	75	1.90	1.30		2.20	0.40	1.70	2.50	2.50		2.90	4.00		-		
	MF5N02	90	2.00	1.40		2.20	0.40	1.80	2.90	2.90		2.90	4.20		-		
	1.50	Green n	2.00	1.40		2.20		2.25	0.45	1.90		3.00	3.00		3.00	4.50	6.50
	2.00	105	2.10	1.40		2.25		0.45	1.80	2.80		2.80	3.00		4.00	-	
ORANGE 1.50mm	1.00	85	2.00	1.30		2.25	0.40	1.80	2.80	2.80		3.00	4.00		-		
	2.00	120	2.30	1.40		2.25	0.45	2.00	3.10	3.10		3.20	4.50		7.00		
YELLOW 1.73mm	1.00	113											3.00	4.10	-		
	1.50	140											3.10	4.40	-		
	2.00	160											3.20	4.60	7.50		
BLUE 1.92mm	1.00	141												4.10	-		
	1.50	170												4.40	-		
	2.00	200												4.80	8.00		
IVORY 2.07mm	1.00	166												4.20	-		
	1.50	204												4.50	-		
	2.00	235												5.00	8.00		
RED 2.18mm	1.00	184												4.20	-		
	1.50	225												4.60	-		
	2.00	260												5.00	8.50		
BLACK 2.34mm	1.00	212												4.50	-		
	1.50	260												4.80	-		
	2.00	300												5.00	8.50		





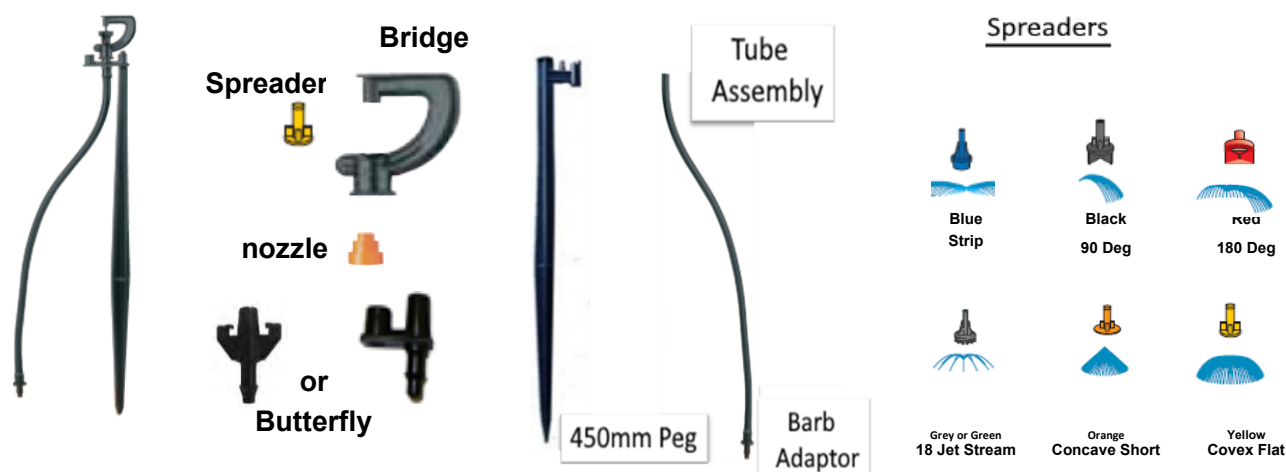
MODULAR GROUP F4

Pricing F4 Spreaders



COMPLETE SPRINKLER HEAD ONLY

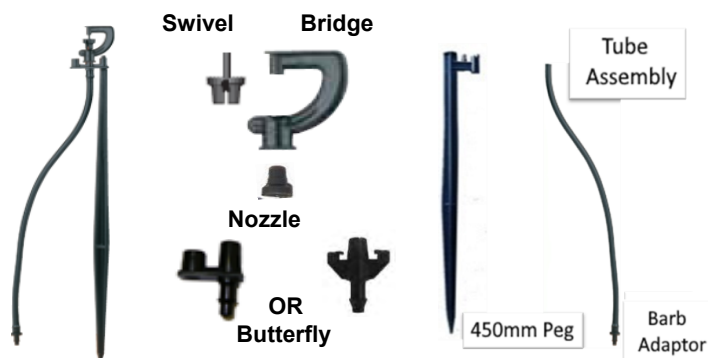
NOZZLES		SPREADERS						
Colour Size Flow in L/H at 2Bar								
VIOLET 0.82mm 35 L/H	MDN0002 R1.90	MDN0003 R1.90	MDN0004 R1.90	MDN0005 R1.90	MDN0006 R1.90	MDN0007 R1.90	MDN0008 R1.90	MDN0014 R1.90
BROWN 0.94mm 43 L/H	MDN0102 R1.90	MDN0103 R1.90	MDN0104 R1.90	MDN0105 R1.90	MDN0106 R1.90	MDN0107 R1.90	MDN0108 R1.90	MDN0114 R1.90
PINK 1.02mm 55 L/H	MDN0202 R 1.90	MDN0203 R 1.90	MDN0204 R 1.90	MDN0205 R 1.90	MDN0206 R 1.90	MDN0207 R 1.90	MDN0208 R 1.90	MDN0214 R 1.90
GREY 1.16mm 70 L/H	MDN0302 R 1.90	MDN0303 R 1.90	MDN0304 R 1.90	MDN0305 R 1.90	MDN0306 R 1.90	MDN0307 R 1.90	MDN0308 R 1.90	MDN0314 R 1.90
WHITE 1.28 70 L/H	MDN0402 R 1.90	MDN0403 R 1.90	MDN0404 R 1.90	MDN0405 R 1.90	MDN0406 R 1.90	MDN0407 R 1.90	MDN0408 R 1.90	MDN0414 R 1.90
GREEN 1.41mm 105 L/H	MDN0502 R 1.90	MDN0503 R 1.90	MDN0504 R 1.90	MDN0505 R 1.90	MDN0506 R 1.90	MDN0507 R 1.90	MDN0508 R 1.90	MDN0514 R 1.90
ORANGE 1.50mm 120 L/H	MDN0602 R 1.90	MDN0603 R 1.90	MDN0604 R 1.90	MDN0605 R 1.90	MDN0606 R 1.90	MDN0607 R 1.90	MDN0608 R 1.90	MDN0614 R 1.90
YELLOW 1.73mm 160 L/H	MDN0702 R 1.90	MDN0703 R 1.90	MDN0704 R 1.90	MDN0705 R 1.90	MDN0706 R 1.90	MDN0707 R 1.90	MDN0708 R 1.90	MDN0714 R 1.90
BLUE 1.92mm 200 L/H	MDN0802 R 1.90	MDN0803 R 1.90	MDN0804 R 1.90	MDN0805 R 1.90	MDN0806 R 1.90	MDN0807 R 1.90	MDN0808 R 1.90	MDN0814 R 1.90
IVORY 2.07mm 235 L/H	MDN0902 R 1.90	MDN0903 R 1.90	MDN0904 R 1.90	MDN0905 R 1.90	MDN0906 R 1.90	MDN0907 R 1.90	MDN0908 R 1.90	MDN0914 R 1.90
RED 2.18mm 260 L/H	MDN1002 R 1.90	MDN1003 R 1.90	MDN1004 R 1.90	MDN1005 R 1.90	MDN1006 R 1.90	MDN1007 R 1.90	MDN1008 R 1.90	MDN1014 R 1.90
BLACK 2.34mm 300 L/H	MDN1102 R 1.90	MDN1103 R 1.90	MDN1104 R 1.90	MDN1105 R 1.90	MDN1106 R 1.90	MDN1107 R 1.90	MDN1108 R 1.90	MDN1114 R 1.90
PARTS								



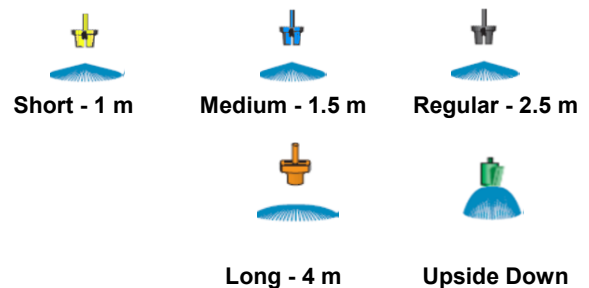


COMPLETE SPRINKLER HEAD ONLY

NOZZLES		SWIVELS			
 Colour Size Flow in L/H at 2 Bar	 Yellow 1.0M	 Blue 1.5M	 Black 2.5M	 Orange 3.5M	 Upside Down
VIOLET 0.82mm 35 L/H	MDN0016 R2.10	MDN0017 R2.10	MDN0009 R2.10	MDN0012 R3.00	MDN0013 R3.00
BROWN 0.94mm 43 L/H	MDN0116 R2.10	MDN0117 R2.10	MDN0109 R2.10	MDN0112 R3.00	MDN0113 R3.00
PINK 1.02mm 55 L/H	MDN0216 R 2.10	MDN0217 R 2.10	MDN0209 R 2.10	MDN0212 R 3.00	MDN0213 R 3.00
GREY 1.16mm 70 L/H	MDN0316 R 2.10	MDN0317 R 2.10	MDN0309 R 2.10	MDN0312 R 3.00	MDN0313 R 3.00
WHITE 1.28 70 L/H	MDN0416 R 2.10	MDN0417 R 2.10	MDN0409 R 2.10	MDN0412 R 3.00	MDN0413 R 3.00
GREEN 1.41mm 105 L/H	MDN0516 R 2.10	MDN0517 R 2.10	MDN0509 R 2.10	MDN0512 R 3.00	MDN0513 R 3.00
ORANGE 1.50mm 120 L/H	MDN0616 R 2.10	MDN0617 R 2.10	MDN0609 R 2.10	MDN0612 R 3.00	MDN0613 R 3.00
YELLOW 1.73mm 160 L/H	MDN0716 R 2.10	MDN0717 R 2.10	MDN0709 R 2.10	MDN0712 R 3.00	MDN0713 R 3.00
BLUE 1.92mm 200 L/H	MDN0816 R 2.10	MDN0817 R 2.10	MDN0809 R 2.10	MDN0812 R 3.00	MDN0813 R 3.00
IVORY 2.07mm 235 L/H	MDN0916 R 2.10	MDN0917 R 2.10	MDN0909 R 2.10	MDN0912 R 3.00	MDN0913 R 3.00
RED 2.18mm 260 L/H	MDN1016 R 2.10	MDN1017 R 2.10	MDN1009 R 2.10	MDN1012 R 3.00	MDN1013 R 3.00
BLACK 2.34mm 300 L/H	MDN1116 R 2.10	MDN1117 R 2.10	MDN1109 R 2.10	MDN1112 R 3.00	MDN1113 R 3.00
PARTS					



Swivels





MODULAR GROUP F5

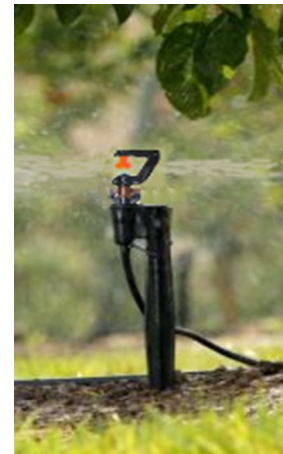
Sprinkler Technical Specifications



Effective Wetted Radius For Head Only At 0.25meter Above Ground

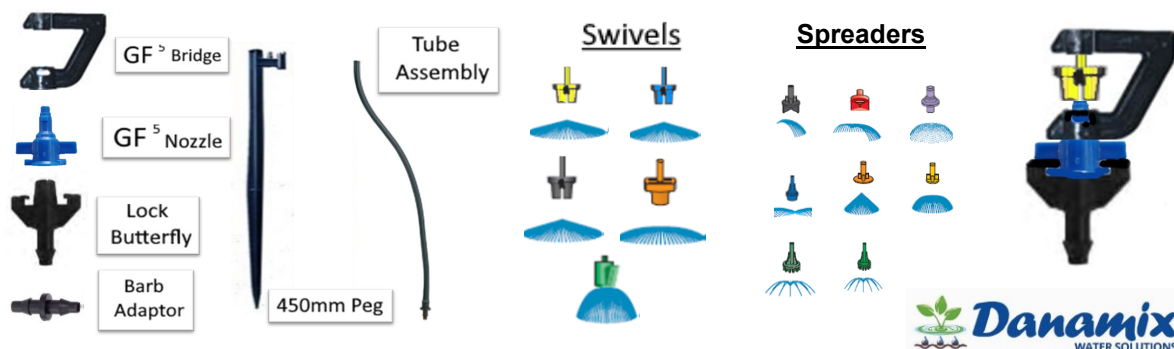
NOZZLES			SPREADERS							
COLOUR SIZE	Operating Pressure in Bar	Flowrate in Liters / Hour	BLACK 90 DEG	RED 180 DEG	PURPLE MISTER	BLUE STRIP	ORANGE CLOSE	YELLOW FLAT	GREY 18 JET	GREEN 18 JET
BROWN 1.0mm	1.00	30	1.0	1.0	0.7	1.5	0.4	1.2	1.6	1.6
	1.50	34	1.0	1.1	0.7	1.6	0.4	1.3	1.8	1.8
	2.00	37	1.1	1.1	0.8	1.6	0.5	1.4	1.8	1.8
BLUE 1.1mm	1.00	40	1.4	1.1	0.8	2.0	0.4	1.4	1.8	1.8
	1.50	45	1.5	1.1	0.8	2.1	0.4	1.6	2.4	2.4
	2.00	49	1.7	1.2	0.9	2.1	0.5	1.7	2.5	2.5
GREY 1.2mm	1.00	50	1.5	1.2	-	2.0	0.4	1.5	2.0	2.0
	1.50	56	1.6	1.3	-	2.1	0.4	1.6	2.6	2.6
	2.00	61	1.8	1.3	-	2.1	0.5	1.7	2.7	2.7
GREEN 1.5mm	1.00	70	1.6	1.3	-	2.1	0.4	1.6	2.2	2.2
	1.50	78	1.8	1.3	-	2.2	0.4	1.6	2.7	2.7
	2.00	86	1.9	1.4	-	2.3	0.5	1.7	2.9	2.9

NOZZLES			SPREADERS				
COLOUR SIZE	Operating Pressure in Bar	Flowrate in Liters / Hour	YELLOW 1.0M	BLUE 1.5M	BLACK 2.5M	ORANGE 3.5M	UPSIDE DOWN
1.0mm	1.50	34	-	1.4	2.7	-	-
	2.00	37	-	1.7	2.8	-	-
BLUE 1.1mm	1.00	40	0.9	1.2	2.6	-	-
	1.50	45	1.4	1.5	2.7	-	-
	2.00	49	1.5	1.8	2.8	3.9	5.0
GREY 1.2mm	1.00	50	1.0	1.5	2.8	3.8	-
	1.50	56	1.6	1.6	2.9	4.1	4.5
	2.00	61	1.6	1.8	3.0	4.3	5.4
GREEN 1.5mm	1.00	70	1.1	1.6	2.8	4.0	-
	1.50	78	1.7	1.9	2.9	4.2	4.8
	2.00	86	1.7	1.9	3.0	4.5	5.5



Effective Wetted Radius For Head And Antimist At 0.25meter Above Ground

Technical - Flowrates in l/h			
Nozzle Colour	Orifice		
Brown	1.0mm	1.0 Bar	1.5 Bar
Blue	1.1mm	30.0	34.0
Grey	1.2mm	40.0	45.0
Green	1.5mm	50.0	56.0
		70.0	78.0
		86.0	



MODULAR GROUP F5

Pricing F5 Complete Sprinkler Heads



NOZZLES

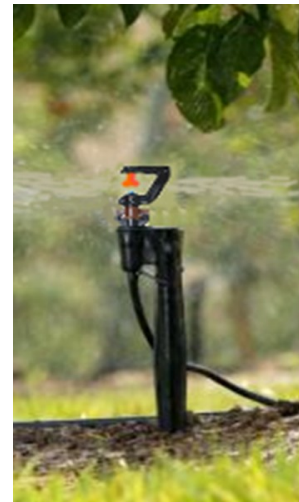
SPREADERS

Colour Size Flow in L/H at 2Bar	 BLACK 90 DEG	 RED 180 DEG	 PURPLE MISTER	 BLUE STRIP	 ORANGE CLOSE	 YELLOW FLAT	 GREY 18 JET	 GREEN 18 JET
BROWN 37 L/H	MF5N0102 R1.90	MF5N0103 R1.90	MF5N0104 R1.90	MF5N0105 R1.90	MF5N0106 R1.90	MF5N0107 R1.90	MF5N0108 R1.90	MF5N0114 R1.90
BLUE 49 L/H	MF5N0802 R 1.90	MF5N0803 R 1.90	MF5N0804 R 1.90	MF5N0805 R 1.90	MF5N0806 R 1.90	MF5N0807 R 1.90	MF5N0808 R 1.90	MF5N0814 R 1.90
GREY 61 L/H	MF5N0302 R 1.90	MF5N0303 R 1.90	MF5N0304 R 1.90	MF5N0305 R 1.90	MF5N0306 R 1.90	MF5N0307 R 1.90	MF5N0308 R 1.90	MF5N0314 R 1.90
GREEN 86 L/H	MF5N0502 R 1.90	MF5N0503 R 1.90	MF5N0504 R 1.90	MF5N0505 R 1.90	MF5N0506 R 1.90	MF5N0507 R 1.90	MF5N0508 R 1.90	MF5N0514 R 1.90

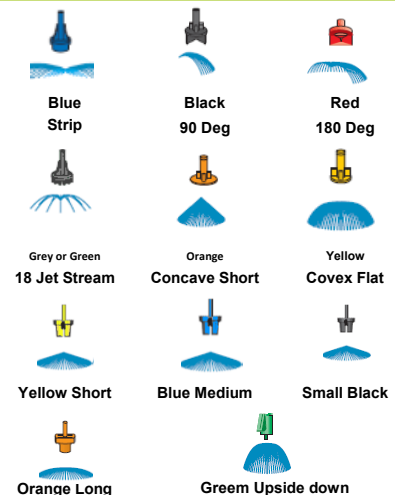
NOZZLES

Swivels

Colour Size Flow in L/H at 2 Bar	 Yellow MF5N02 1.0M	 Blue 1.5M F5 Green nozz	 Black 2.5M 2.5M	 Orange 3.5M 3.5M	 Upside Down Down
BROWN 37 L/H	MF5N0116 R2.16	MF5N0117 R2.16	MF5N0109 R2.16	MF5N0112 R3.00	MF5N0113 R3.00
BLUE 49 L/H	MF5N0816 R 2.16	MF5N0817 R 2.16	MF5N0809 R 2.16	MF5N0812 R 3.00	MF5N0813 R 3.00
GREY 61 L/H	MF5N0316 R 2.16	MF5N0317 R 2.16	MF5N0309 R 2.16	MF5N0312 R 3.00	MF5N0313 R 3.00
GREEN 86 L/H	MF5N0516 R 2.16	MF5N0517 R 2.16	MF5N0509 R 2.16	MF5N0512 R 3.00	MF5N0513 R 3.00



PARTS





REGULATED GROUP F10

Pricing F10 Regulated Sprinkler Heads



New Product



NOZZLES		SPREADERS			
Colour	Size				
Flow in L/H	Radius in meter	RED 180deg 1.0m	ORANGE close 0.4m	YELLOW flat 1.4m	GREY 18jet 1.8m
GREY		MF10N0303	MF10N0306	MF10N0307	MF10N0108
L/H		R 8.20	R 8.20	R 8.20	R 8.20
BROWN		MF10N0103	MF10N0106	MF10N0107	MF10N0108
34 l/h		R8.20	R8.20	R8.20	R 8.20
BLUE		MF10N0803	MF10N0806	MF10N0807	MF10N0808
42 l/h		R 8.20	R 8.20	R 8.20	R 8.20
GREEN		MF10N0503	MF10N0506	MF10N0507	MF10N0508
50 l/h		R 8.20	R 8.20	R 8.20	R 8.20

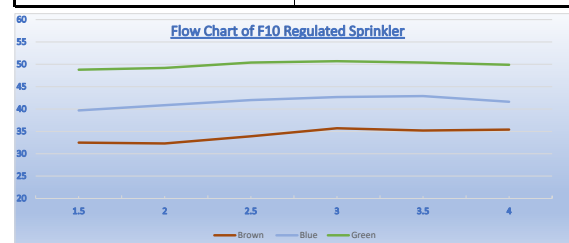
NOZZLES		Swivels			
Colour	Size				
Flow in L/H	Radius in meter	Blue 1.5M	Black 2.5M	Orange 3.5M	Upside 3.0M
GREY		MF10N0317	MF10N0309	-	-
L/H		R 8.38	R 8.38	-	-
BROWN		MF10N0117	MF10N0109	-	MF10N0113
34 l/h		R8.38	R 8.38	-	R 8.45
BLUE		MF10N0817	MF10N0809	MF10N0812	MF10N0813
42 l/h		R 8.38	R 8.38	R 8.45	R 8.45
GREEN		MF10N0517	MF11N0509	MF10N0512	MF10N0513
50 l/h		R 8.38	R 8.38	R 8.45	R 8.45



PARTS



Technical Detail	
Operating Pressure	1.5 Bar - 4.0 Bar
Pressure Compensating	Yes
Nominal Pressure	2.0 Bar
Filtration Required	
20 - 40 l/h	130 micron
40 - 70 l/h	200 micron



MODULAR GROUP F4/F5

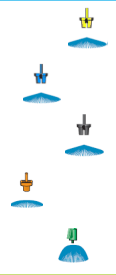
PARTS AND ACCESSORIES PRICING



DAN MODULAR NOZZLES F4

	CODE	DESCRIPTION	PRICE
	MFN00	Dan Violet nozzle	R 0.50
	MFN01	Dan Brown nozzle	R 0.50
	MFN02	Dan Pink nozzle	R 0.50
	MFN03	Dan Grey nozzle	R 0.50
	MFN04	Dan White nozzle	R 0.50
	MFN05	Dan Green nozzle	R 0.50
	MFN06	Dan Orange nozzle	R 0.50
	MFN07	Dan Yellow nozzle	R 0.50
	MFN08	Dan Blue nozzle	R 0.50
	MFN09	Dan Ivory nozzle	R 0.50
	MFN10	Dan Red nozzle	R 0.50
	MFN11	Dan Black nozzle	R 0.50

MICRO MODULAR SWIVELS F4/F5

	CODE	DESCRIPTION	PRICE
	MFSW16	Micro Yellow Swivel - 1.0m	R 0.75
	MFSW17	Micro Blue Swivel - 1.5m	R 0.75
	MFSW09	Micro Small Black Swivel - 2.5m	R 0.75
	MFSW12	Micro Orange Swivel - 3.5m	R 1.30
	MFSW13	Micro Upside Down Green Swivel	R 1.60

MICRO MODULAR SPREADERS F4/F5

	CODE	DESCRIPTION	PRICE
	MFSP01	Micro Brown 18 Jet Spreader	R 0.52
	MFSP02	Micro Black 90deg Spreader	R 0.52
	MFSP03	Micro Red 180deg Spreader	R 0.52
	MFSP04	Micro Purple Mister	R 0.52
	MFSP05	Micro Blue 280deg Strip Spreader	R 0.52
	MFSP06	Micro Orange short Spreader	R 0.52
	MFSP07	Micro Yellow Spreader	R 0.52
	MFSP08	Micro Grey 18 Jet Spreader	R 0.52
	MFSP22	Micro Light Green 12 Jet Spreader	R 1.44
	MFSP14	Micro Green 18 Jet Spreader	R 0.52

MODULAR GROUP F4/F5

PARTS AND ACCESSORIES PRICING



DAN MODULAR ACCESORIES			
	CODE	DESCRIPTION	PRICE
	MFDBR	Dan F4 Bridge	R 1.10
	MF47BF	Dan F4 4/7 Barbed Butterfly	R 0.75
	MF47LBF	Dan F4/5 4/7 Lock Butterfly	R 0.57
	MFTBT	Dan F4 Threaded Butterfly	R 0.45
	MF4747A	Dan barb Adaptor 4/7 x 4/7	R 0.43
	MF474747T	Dan barb Tee 4/7 x 4/7 x 4/7	R 3.80
	MF47C	Dan barb Cross 4/7	R 3.55
	MF4747E	Dan barb Elbow 4/7 x 4/7	R 3.55
	MF47PL	Dan Plug 4/7	R 0.28
	MFP35	Dan punch 3/5 - 2.0mm	R 89.01
	MFP47	Dan punch 4/7 - 3.0mm	R 98.90
	MFD15HCM	Dan 15mm male Head Connector	R 17.80
	MF47V	Micro valve 4/7 Barb (Tap Choke)	R 27.30
	MFDANV	Micro valve Dan	R 27.30
	MFD15HC	Dan 15mm Female Head Adaptor	R 17.80
	BG04	Dan Adaptor Barb/Threaded	R 1.98
	BG05	Dan Threaded Plug	R 1.69
F5 MODULAR ACCESORIES			
	CODE	DESCRIPTION	PRICE
	MF5FDBR	GF5 Bridge	R 1.10
	MF5N01	GF5 Brown nozzle	R 0.57
	MF5N08	GF5 Blue nozzle	R 0.57
	MF5N03	GF5 Grey nozzle	R 0.57
	MF5N05	GF5 Green nozzle	R 0.57
PEG AND TUBE ASSEMBLED			
	CODE	DESCRIPTION	PRICE
	MP400	400mm Local Plastic peg	R1.98
	MP450	450mm Local Plastic peg	R2.50



MODULAR GROUP F4/F5

Complete tube combination Pricing



TUBE CUT LENGTHS ONLY

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MT200	PVC Flexible already cut tube	200mm	4mm x 7mm	R 0.55
MT300	PVC Flexible already cut tube	300mm	4mm x 7mm	R 0.85
MT400	PVC Flexible already cut tube	400mm	4mm x 7mm	R 1.13
MT600	PVC Flexible already cut tube	600mm	4mm x 7mm	R 1.69
MT800	PVC Flexible already cut tube	800mm	4mm x 7mm	R 2.26
MT1000	PVC Flexible already cut tube	1000mm	4mm x 7mm	R 2.82

Other Lengths Available on Request

Assembled Tube Cut Lengths with Barb Adaptor Only

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MTB200	PVC Flexible already cut tube	200mm	4mm x 7mm	R 1.00
MTB300	PVC Flexible already cut tube	300mm	4mm x 7mm	R 1.28
MTB400	PVC Flexible already cut tube	400mm	4mm x 7mm	R 1.56
MTB600	PVC Flexible already cut tube	600mm	4mm x 7mm	R 2.12
MTB800	PVC Flexible already cut tube	800mm	4mm x 7mm	R 2.69
MTB1000	PVC Flexible already cut tube	1000mm	4mm x 7mm	R 3.25

Other Lengths Available on Request

Assembled Tube Cut Lengths with F4 Barb Butterfly and Barb Adaptor

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MTBB200	PVC Flexible already cut tube	200mm	4mm x 7mm	R 1.75
MTBB300	PVC Flexible already cut tube	300mm	4mm x 7mm	R 2.03
MTBB400	PVC Flexible already cut tube	400mm	4mm x 7mm	R 2.32
MTBB600	PVC Flexible already cut tube	600mm	4mm x 7mm	R 2.88
MTBB800	PVC Flexible already cut tube	800mm	4mm x 7mm	R 3.44
MTBB1000	PVC Flexible already cut tube	1000mm	4mm x 7mm	R 4.01

Assembled Tube Cut Lengths with Lock Butterfly and Barb Adaptor

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MTLB200	PVC Flexible already cut tube	200mm	4mm x 7mm	R 1.57
MTLB300	PVC Flexible already cut tube	300mm	4mm x 7mm	R 1.85
MTLB400	PVC Flexible already cut tube	400mm	4mm x 7mm	R 2.14
MTLB600	PVC Flexible already cut tube	600mm	4mm x 7mm	R 2.64
MTLB800	PVC Flexible already cut tube	800mm	4mm x 7mm	R 3.26
MTLB1000	PVC Flexible already cut tube	1000mm	4mm x 7mm	R 3.83

Other Lengths Available on Request

TUBE COILS

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MTC10	PVC Flexible coiled Green tube	10 meter	4mm x 7mm	R 29.00
MTC100	PVC Flexible coiled Green tube	100 meter	4mm x 7mm	R 290.00





MODULAR GROUP F4/F5



PVC tube Technical information

Dimensions

4/7 mm Tube

9/12 mm Tube

ID 4.0 mm

9.0 mm

OD 6.5 mm

12.0 mm

Material

Plasticized PVC

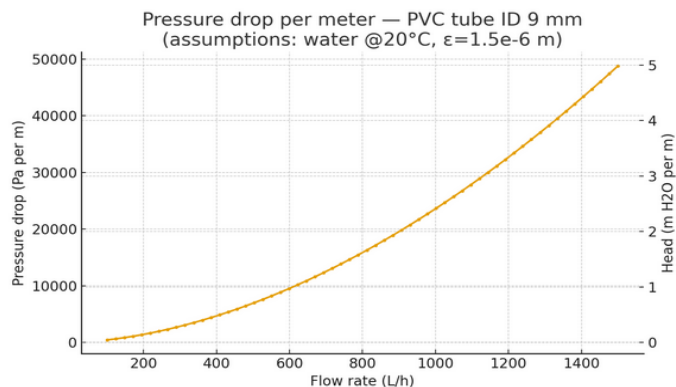
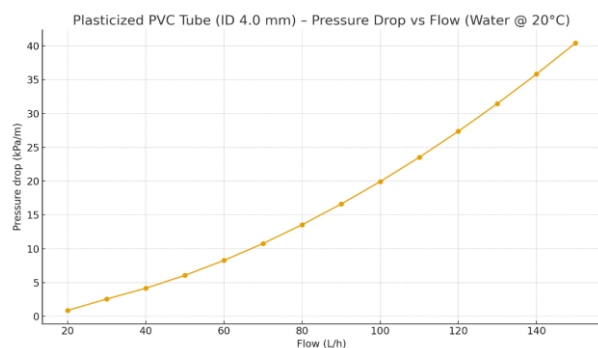
Tested (Flowrate)

20 Degree Celsius

Flow Curve 4/7 PVC Tube

4/7 PVC Tube

9/12 PVC Tube



Cut Lengths Available

LENGTHS

200 mm

300 mm

400 mm

450 mm

500 mm

600 mm

700 mm

800 mm

900 mm

1100 mm

1200 mm

1500 mm

GREENHOUSE IRRIGATION ACCESSORIES PRICING



SUPER FOGGER

	CODE	DESCRIPTION	PRICE
	MDNFB	F4 FOGGER Blue nozzle 7.0 L/H	R 20.70
	T013	F3 FOGGER Tavlit 4 L/H BLACK	R 20.70
	T014	F3 FOGGER Tavlit 6 L/H GREEN	R 20.70

FOGGER ACCESSORIES

	CODE	DESCRIPTION	PRICE
	WEIGHT 1	STABILIZER WEIGHT CLIP ON	R 3.90
	WEIGHT 150	STABILIZER WEIGHT 150MM X 16MM	R 3.50
	WEIGHT 2	STABILIZER WEIGHT 200MM X 16MM	R 4.30
	WEIGHT 3	STABILIZER WEIGHT 300MM X 16MM	R 4.60
	MDNFX	DAN F4 CROSS FOR FOGGER	R 23.46
	MDNFP	F4 PLUG FOR FOGGER	R 4.83
	MDNFLLPD	F4 ANTI-LEAK BLACK - Low pressure LPD Male x Female	R 22.50
	MDNFSLLPD	F4 Super ANTI-LEAK BLACK - Low pressure LPD Barb x Male	R 22.50
	MDNFHLPD	F4 ANTI-LEAK BLUE - High pressure LPD Male x Female	R 22.50
	530-L	F3 ANTI-LEAK TAVLIT LOW FLOW	R 23.46
	MDNLPDR	F4 DIAPHRAGM FOR LOW PRESSURE	R 10.35
	MDNHPDR	F4 DIAPHRAGM FOR HIGH PRESSURE	R 10.35
	MFR1R	DIAPHRAM - DAX F10 REGULATED SPRINKLER	R 2.28



TECHNICAL SPECIFICATIONS - FOGGERS

PERFORMANCE at 3.5 bar at 2.4m above the ground - single head

Nozzle colors	Black	Green	Brown	Gray
Nominal flow rates (L/H)	4.45	6.6	8.78	13
Wetting diameter (cm)	60	105	105	120
Overlap spacing (cm X cm)	120 X 120	120 X 150	150 X 150	150 X 150
Overlap average irr. Rate (cm/h)	0.25	0.3	0.33	0.45

PERFORMANCE at 3.5 bar at 2.4m above the ground - two way head (triangular spacing)

Nominal flow rates (L/H)	8.9	13.2	17.56	26
Overlap spacing (cm X cm)	180 X 180	240 X 240	240 X 300	300 X 300
Overlap average irr. Rate (cm/h)	0.23	0.2	0.2	0.25

PERFORMANCE at 3.5 bar at 2.4m above the ground - three way head (triangular spacing)

Nominal flow rates (L/H)	13.35	19.8	26.34	39
Overlap spacing (cm X cm)	240 x 240	300 x 300	300 x 360	360 x 360
Overlap average irr. Rate (cm/h)	0.2	0.2	0.2	0.25

PERFORMANCE at 3.5 bar at 2.4m above the ground - four way head (triangular spacing)

Nominal flow rates (L/H)	17.8	26.4	35.12	52
Overlap spacing (cm X cm)	240 x 240	300 x 300	300 x 360	360 x 360
Overlap average irr. Rate (cm/h)	0.2	0.2	0.2	0.25

TECHNICAL SPECIFICATIONS

LPD (Leakage Prevention Device)

Two types of LPD are available:

- Black: Low pressure LPD for micro-sprinklers
- Blue: High pressure LPD for Foggers



Pressure loss

Low pressure LPD (Inlet pressure 20 m)		High pressure LPD (Inlet pressure 40 m)	
Flow rate l/hr	Pressure loss m	Flow rate l/hr	Pressure loss m
100	0	60	0
120	0.5	80	0.5
140	0.5	100	1.0
160	1.0	120	1.0
180	1.0		
200	1.5		
220	1.5		

Operating pressure

	Low pressure LPD	high pressure LPD
Opening	~20 m	~35 m
Closure	~10 m	~20 m

DAX SPRINKLERS



Danamix
WATER SOLUTIONS

How to chose a sprinkler from the radius of throw



			Radius in meters															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8501	501		5															
8504	Super 8		6															
8023			9															
8503	Super 10		10															
8022			12															
8037			14															
8035			15															



Nozzle Angle - 25Deg





DAX 8501

Dax 8501 15mm Mini Sprinkler



DAX 8501 15mm FEMALE HEAD ONLY

Nozzle Colour	DESCRIPTION	PRICE
Flow in L/H @ 2 Bar		
Red 117 l/h	Dax 8501 Head only	SDS50104 R 43.00
Green 160 l/h	Dax 8501 Head only	SDS50105 R 43.00
Blue 195 l/h	Dax 8501 Head only	SDS50106 R 43.00
Yellow 220 l/h	Dax 8501 Head only	SDS50108 R 43.00

TECHNICAL INFORMATION

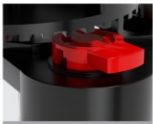


8501



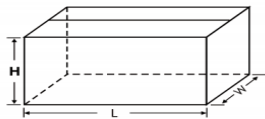
OPERATING RANGE

- Working Pressure: 1.0-3.0bar
- Flow Rate: 0.08-0.27m³/h
- Spray Radius: 4.25-7.5m



PERFORMANCE DATA

Nozzle Size	mm	1.6 (Red)			1.8 (Green)			2.0 (Blue)			2.2 (Yellow)		
Pre.	bar	1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0
Flow Rate	m³/h	0.081	0.117	0.144	0.113	0.16	0.196	0.135	0.195	0.236	0.153	0.22	0.267
Rad.	m	4.25	5.50	6.00	4.50	5.75	6.25	4.75	5.75	6.50	4.75	6.50	7.50



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M³
8501	250	9.45Kgs	10.09Kgs	40x40x17	0.03



DAX SUPER 8

DAX 8504 SPRINKLERS



DAX 8504 - S8 (MAMKAD) 15mm Male HEAD ONLY

Nozzle Colour	DESCRIPTION	PRICE
Flow in L/H @ 2 Bar		Non - Regulated
BLUE 150 l/h	Dax 8504 Head only	SDS0808 R 50.00
YELLOW 190 l/h	Dax 8504 Head only	SDS0801 R 50.00
PURPLE 260	Dax 8504 Head only	SDS0805 R 50.00
BLACK 280 l/h	Dax 8504 Head only	SDS0807 R 50.00

TECHNICAL INFORMATION

8504



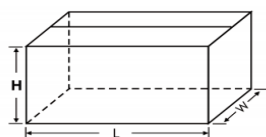
OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.15-0.36m³/h
- Spray Radius: 6.7-8.5m



PERFORMANCE DATA

Nozzle Size	mm	Blue			Yellow			Purple			Black		
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.150	0.170	0.190	0.190	0.220	0.260	0.260	0.300	0.340	0.280	0.320	0.360
Rad.	m	13.4	14.0	14.6	13.6	15.6	15.8	14.0	16.0	17.0	14.4	16.4	16.4



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8504	250	9.37Kgs	9.99Kgs	40x40x17	0.03



DAX SUPER 10

DAX 8503 SPRINKLERS



DAX 8503 **SUPER-10** - 15mm HEAD ONLY

NOZZLE COLOUR

Flow in L/H @ 2.5 Bar

DESCRIPTION

PRICE

Non - Regulated

BLUE 360 l/h	DAX SUPER 10 HEAD ONLY	SDS1008 R 55.00
YELLOW 450 l/h	DAX SUPER 10 HEAD ONLY	SDS1007 R 55.00
GREEN 550 l/h	DAX SUPER 10 HEAD ONLY	SDS1005 R 55.00
RED 670 l/h	DAX SUPER 10 HEAD ONLY	SDS1010 R 55.00
BROWN 320 l/h	DAX SUPER 10 HEAD ONLY	SDS1001 R 55.00

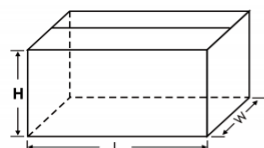
DAX **SUPER-10** ACCESSORIES



Road protector for Super 10	SFS10RP	R 13.10
Super 10 Stainless Steel Ball	SFS10SSB	R 12.00
Super 10 Regulator Base	SFS10RB**	R 16.00
Super 10 Regulator Diaphragm	SFS10R	R 6.00
Super 10 Base	SFS10BS	R 25.00
Super 10 Body	SFS10B	R 25.00
S10 Nozzle Base	SFS10NB**	R 25.00
S10 Nozzle	SFS10N**	R 19.00

PERFORMANCE DATA

Nozzle Size	mm	Blue				Yellow				Green				Red				Brown			
Pre.	bar	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0
Flow Rate	m ³ /h	0.360	0.395	0.425	0.455	0.450	0.495	0.530	0.570	0.550	0.600	0.650	0.695	0.670	0.710	0.770	0.820	0.320	0.350	0.380	0.405
Rad.	m	17.0	17.0	16.5	16.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	21.0	21.0	21.0	21.0	16.0	16.0	16.0	16.0



Nozzle Angle - 25Deg

Item#	Qty/ctn	N.W./ctn	G.W./ctn	L x W x H (cm)	M ³
8503	250	9.56Kgs	10.16Kgs	47x35x25	0.04

SPRINKLER STANDS

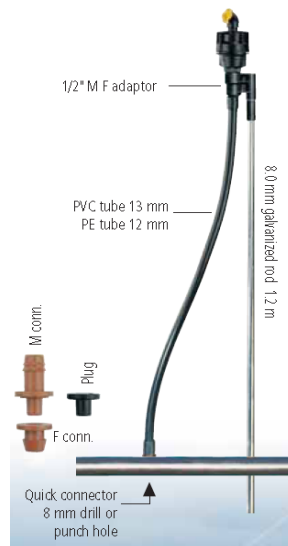
9/12mm tube PVC Pipe + Connectors



DAX 8504 SUPER 8



DAX 8503 SUPER 10



DAX 8022



SPARES



DFS12QM	Super Start connector 9/12 (male)	R 7.52
DFS12QF	Super Start connector (female)	R 7.52
SF912SCP	Plug for barb 9/12 (male)	R 3.10
201000822	Meteor 3/8\"F x 4/7 Tube Adaptor	R 4.26
MFD15MC912	Meteor 1/2\"F x Tube 9/12 Adaptor	R 8.53

SPARES



MT91206	Dan PVC Tube 9/12 - 0.6 m	R 10.97
MT912	Dan PVC Tube 9/12 - 1 m	R 18.29
MT91212	Dan PVC Tube 9/12 - 1.2 m	R 21.95
MT91215	Dan PVC Tube 9/12 - 1.5 m	R 27.44
MTC912	Dan PVC Tube 9/12 50m ROLL	R 590.00
MT91206MSM	Dan 0.6m Tube/Start conn/Meteor	R 37.13
MT91208MSM	Dan 0.8m Tube/Start conn/Meteor	R 39.48
MT91210MSM	Dan 1m Tube/Start conn/Meteor	R 51.26
MT91212MSM	Dan 1.2m Tube/Start conn/Meteor	R 53.62
MT91215MSM	Dan 1.5m Tube/Start conn/Meteor	R 57.15
MT91216MSM	Dan 1.6m Tube/Start conn/Meteor	R 58.33
MT9122MSM	Dan 2.0m Tube/Start conn/Meteor	R 65.65
MFP912	8 mm Punch	R 270.00

DAX 8022



15mm Plastic Impact Sprinkler Pricing



CODE	DAX 8022N-15mm	PRICE
SD8022N	DAX 8022N BODY ONLY 15mm	R 40.00
	DAX 8022N Sprinkler with 2 x Nozzles	R 47.00

CODE	DAX 8022SD-15mm	PRICE
SD8022SD	DAX 8022SD BODY ONLY 15mm	R 48.00
	DAX 8022SD Sprinkler with 1 x Nozzle	R 47.00

8022 NOZZLES



CODE	Nozzle Colour	Nozzle - mm	PRICE
SPREADER NOZZLE			
SN8022N0	Light green - Spreader	1.8	R 3.50
SN8022N10	Grey - Spreader	2.5	R 3.50
SN8022NP	Black - Plug	0.0	R 3.50
RANGE NOZZLE			
SN8022N8	Yellow Square	2.4	R 3.50
SN8022N2	Purple	2.5	R 3.50
SN8022N3	Orange	2.8	R 3.50
SN8022N4	Red	3.0	R 3.50
SN8022N5	Green	3.2	R 3.50
SN8022N6	Blue	3.5	R 3.50
SN8022N7	Black	4.0	R 3.50

DAX 427-15mm

PART CIRCLE



ONLY 1 X Nozzle

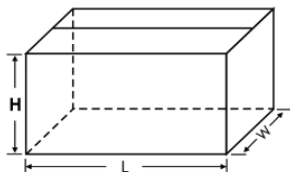
CODE	Nozzle Colour	Nozzle - mm	PRICE
SN427BGAG	BODY ONLY	-	R 61.50
SN427BGAGP3	Orange	2.8	R 65.00
SN427BGAGP4	Red	3.0	R 65.00
SN427BGAGP5	Green	3.2	R 65.00
SN427BGAGP6	Blue	3.5	R 65.00
SN427BGAGP7	Black	4.0	R 65.00

PERFORMANCE DATA

Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0
Flow Rate	m³/h	0.510	0.580	0.580	0.630	0.690	0.760	0.760	0.840	0.820	0.900	1.060	1.160	1.260	1.380
Rad.	m	11.00	11.00	10.50	10.50	11.00	11.00	11.00	11.50	11.50	12.00	12.25	12.50	12.50	12.75

Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0
Flow Rate	m³/h	0.600	0.640	0.670	0.720	0.820	0.860	0.900	0.970	0.980	1.040	1.240	1.330	1.480	1.580
Rad.	m	11.00	11.00	10.50	10.75	11.00	11.00	11.50	11.50	12.00	12.00	12.75	13.00	13.00	13.25

Nozzle Size	mm	2.3(Grey)			2.4(Yellow)				2.5(Purple)			2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)		
Pre.	bar	2.0	3.0	4.0	2.5	3.0	3.5	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m³/h	0.33	0.39	0.46	0.36	0.39	0.43	0.46	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.53	0.72	0.57	0.70	0.81	0.66	0.81	0.93	0.66	0.81	0.93
Rad.	m	10.75	11.00	11.00	9.50	9.50	10.00	10.50	10.75	11.00	11.00	10.75	11.50	12.00	11.50	12.25	12.50	11.75	12.25	12.50	12.50	13.00	13.00	12.50	13.00	13.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M³
8022	75	3.8Kgs	4.2Kgs	48.5x25.5x13	0.02

DAX 8035



20mm Plastic Impact Sprinkler Pricing



CODE	DAX 8035	PRICE
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SD8035	DAX 8035 BODY ONLY - 20mm	R 55.00
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	DAX 8035 BODY WITH NOZZLES	R 62.50
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CODE	DAX 8035 SD	PRICE
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SD8035SD	DAX 8035 SD BODY ONLY - 20mm	Coming Soon
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	DAX 8035 SD BODY WITH NOZZLES
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CODE	DAX 8035 - Part Circle	PRICE
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SD8035P	DAX 8035 BODY ONLY- 20mm	R 75.00
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	DAX 8035 BODY WITH NOZZLE	R 80.00
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DAX 8035 - NOZZLES	CODE	SPREADER	NOZZLE - mm	PRICE
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SN8022N0	Light green-Spreader	1.8	R 3.50
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SN8022N10	Grey-Spreader	2.5	R 3.50
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SN8022NP	Black-Plug	0.0	R 3.50
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RANGE NOZZLE

SN8035N6	Blue-Nozzle	3.5	R 4.00
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SN8035N7	Black-Nozzle	4.0	R 4.00
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SN8035N15	Brown-Nozzle	4.5	R 4.00
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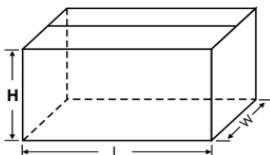
SN8035N2	Purple-Nozzle	5.0	R 4.00
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SN8035N3	Orange-Nozzle	5.5	R 4.00
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PERFORMANCE DATA

Nozzle Size	mm	3.5x2.5(Blue)			4.0x2.5(Black)			4.5x2.5(Brown)			5.0x2.5(Purple)			5.5x2.5(Orange)		
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate1	m ³ /h	0.84	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50
Flow Rate2	m ³ /h	1.16	1.33	1.47	1.41	1.62	1.80	1.64	1.90	2.10	1.95	2.25	2.55	2.30	2.65	2.95
Rad.	m	13.25	13.75	14.00	14.00	14.50	14.75	14.25	15.00	16.50	15.00	16.75	17.00	16.00	17.25	18.00

Nozzle Size	mm	6.0x2.5(Red)			6.5x2.5(Grey)			6.5x3.2(Grey))			7.0x2.5(Green)			7.0x3.2(Green)		
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate1	m ³ /h	2.30	2.70	3.00	2.70	3.10	3.50	2.70	3.10	3.50	3.30	3.50	3.90	3.30	3.50	3.90
Flow Rate2	m ³ /h	2.65	3.10	3.45	3.00	3.45	3.85	3.20	3.70	4.15	3.40	3.90	4.35	3.55	4.10	4.60
Rad.	m	16.50	17.75	18.00	17.00	18.00	19.00	17.00	18.00	19.00	17.00	17.50	18.00	17.10	17.80	18.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8035M	50	7.46Kgs	8.1Kgs	40x40x17	0.03



DAX 8037

20mm Plastic Impact Sprinkler

Use with Brass or Plastic nozzles



SD8037

CODE

DAX 8037

PRICE

DAX 8037 BODY ONLY - 20mm

R 45.00

DAX 8037 BODY WITH 2 x NOZZLES

R 53.50

DAX 8037- NOZZLES	CODE	NOZZLE - INCHES	NOZZLE - mm	PRICE
Spreader Nozzles	N332N	3/32"	2.38	R 4.00
	N18S	1/8"	3.17	R 4.00
	NPGN	Plug	-	R 4.00
Range Nozzles	N964N	9/64"	3.57	R 4.50
	N532N	5/32"	3.96	R 4.50
	N1164N	11/64"	4.36	R 4.50
	N316N	3/16"	4.76	R 4.50
	N1364N	13/64"	4.76	R 4.50
	N732N	7/32"	5.55	R 4.50

PERFORMANCE DATA

Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21	Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21
9/64"-3.57 mm	m ³ /h	0.66	0.72	0.77	0.87	0.92	0.99	9/64"x3/32"	m ³ /h	0.92	1.00	1.09	1.25	1.33	1.44
	mts.	26.2	27.0	27.6	28.4	28.8	29.4	(3.57 x 2.38mm)	mts.	26.0	26.6	27.2	28.2	28.4	29.0
5/32"-3.96 mm	m ³ /h	0.80	0.87	0.94	1.07	1.13	1.23	5/32"x3/32"	m ³ /h	1.10	1.20	0.94	1.47	1.55	1.70
	mts.	27.8	28.8	29.4	30.2	30.6	31.2	(3.96 x 2.38mm)	mts.	27.6	28.4	29.4	30.0	30.2	30.8
11/64"-4.36 mm	m ³ /h	0.96	1.05	1.14	1.29	1.36	1.49	11/64"x3/32"	m ³ /h	1.25	1.38	1.14	1.69	1.79	1.95
	mts.	29.4	30.0	30.6	31.4	33.0	32.4	(4.36 x 2.38mm)	mts.	29.0	29.6	30.6	31.2	31.4	32.0
3/16"-4.76 mm	m ³ /h	1.14	1.25	1.36	1.55	1.63	1.78	3/16"x1/8"	m ³ /h	1.68	1.85	1.36	2.29	2.41	2.63
	mts.	30.0	31.0	31.0	32.0	33.0	33.0	(4.76 x 3.17mm)	mts.	29.0	30.0	31.0	32.0	32.0	33.0
13/64"-5.15 mm	m ³ /h	1.34	1.48	1.61	1.83	1.93	2.09	13/64"x1/8"	m ³ /h	1.88	2.08	1.61	2.57	2.70	2.95
	mts.	30.8	31.4	32.0	33.2	33.8	34.8	(5.15 x 3.17mm)	mts.	30.2	30.8	32.0	32.6	33.2	34.2
7/32"-5.55 mm	m ³ /h	1.55	1.72	1.88	2.14	2.24	2.41	7/32"x1/8"	m ³ /h	2.10	2.32	1.88	2.88	3.02	3.27
	mts.	31.2	32.0	33.0	34.8	35.6	36.8	(5.55 x 3.17mm)	mts.	30.6	31.4	33.0	34.2	35.0	36.2



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8037	50	7.89Kgs	8.53Kgs	40x40x17	0.03



Nozzle Angle - 25Deg



GENERAL EQUIPMENT



Danamix
WATER SOLUTIONS

ADDITIONAL PRODUCTS

CODE	DESCRIPTION	PRICE
DRILLBITS		



DFD16	Drill Grommet - 16mm for Start connector	Start Connector	R 597.00
DFD20	Drill Grommet - 20mm for Nr 5 Grommet	15mm Polipype	R 706.00
DFD26	Drill Grommet - 26mm for Nr 6 Grommet	20mm Polypipe	R 875.00
DFD33	Drill Grommet - 33mm for Nr 8 Grommet	25mm Polypipe	R 900.00

SLEDGE



SLEDGE Danamix GS - 20mm F X 20mm F	R 235.00
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RIGID RISER



RR004	Rigid Riser with adaptor - 200mm	R 1.19
RR002	Rigid Riser with adaptor - 300mm	R 1.38
RR003	Rigid Riser with adaptor - 450mm	R 1.88
RR008	Rigid Riser with adaptor - 1000mm	R 4.13
RR001	Rigid Riser - Adaptor	R 0.48

RUBBER GROMMETS



		Drill size	Inside Diameter	
GRO107	Nr. 1 - Rubber Grommet	7mm		R 2.04
GRO208	Nr. 2 - Rubber Grommet	10mm	8mm	R 2.73
GRO310	Nr. 3 - Rubber Grommet	13mm		R 2.73
GRO412	Nr. 4 - Rubber Grommet	16mm	12mm/16mm	R 2.95
GRO515	Nr. 5 - Rubber Grommet	20mm	15mm	R 3.61
GRO620	Nr. 6 - Rubber Grommet	26mm		R 3.63
GRO825	Nr. 8 - Rubber Grommet	33mm		R 3.93

SPAGHETTI TUBE



MTS500	SPAGHETTI TUBE 1.0m x 500mm Coil	R 438.00
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TAVLIT SWIVEL FITTINGS



CODE	DESCRIPTION	PRICE
TAVLIT - TEE'S		
	T009 TAVLIT TEE M/F	R 75.24
	T010 TAVLIT TEE	R 89.62
TAVLIT - CROSSES		
	T003 TAVLIT CROSS	R 125.56
	T011 TAVLIT CROSS MALE ADAPTOR	R 105.44
TAVLIT - ELBOWS		
	T002 TAVLIT ELBOW F/F	R 64.70
	T001 TAVLIT ELBOW M/F	R 47.93
TAVLIT - ADAPTORS		
	T007 TAVLIT SWIVEL NIPPLE WITH O-RING	R 27.56
	T008 TAVLIT ADAPTOR M/F	R 41.70
	T015 TAVLIT O-RING OR2/021 - Manifold	R 3.44
	T016 TAVLIT O-RING OR323 - Nipple	R 5.41
TAVLIT - MANIFOLDS		
	T006 TAVLIT MANIFOLD 3Fx1M	R 171.35
	T005 TAVLIT MANIFOLD 4Fx1M	R 258.75
	T004 TAVLIT MANIFOLD 5Fx1M	R 316.79



THREAD LOCK SADDLES



SINGLE OUTLET THREAD LOCK SADDLES - MAX 10Bar

CODE

DESCRIPTION

PRICE

15mm (1/2") OUTLET SIZE

SAD25125	25mm X 15mm (1/2") THREAD LOCK SADDLES	POR
 SAD32125	32mm X 15mm (1/2") THREAD LOCK SADDLES	R 33.93
SAD40125	40mm X 15mm (1/2") THREAD LOCK SADDLES	POR
SAD50125	50mm X 15mm (1/2") THREAD LOCK SADDLES	POR

20mm (3/4") OUTLET SIZE

SAD25345	25mm X 20mm (3/4") THREAD LOCK SADDLES	R 26.80
 SAD32345	32mm X 20mm (3/4") THREAD LOCK SADDLES	R 34.00
SAD40345	40mm X 20mm (3/4") THREAD LOCK SADDLES	R 42.00
SAD50345	50mm X 20mm (3/4") THREAD LOCK SADDLES	R 43.50
SAD63345	63mm X 20mm (3/4") THREAD LOCK SADDLES	R 66.70

25mm (1") OUTLET SIZE

SAD3225	32mm X 25mm (1") THREAD LOCK SADDLES	POR
 SAD4025	40mm X 25mm (1") THREAD LOCK SADDLES	R 42.00
SAD5025	50mm X 25mm (1") THREAD LOCK SADDLES	R 43.50
SAD6325	63mm X 25mm (1") THREAD LOCK SADDLES	R 72.00

40mm (1 1/2") OUTLET SIZE

 SAD631125	63mm X 40mm (1 1/2") THREAD LOCK SADDLES	POR
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EINTAL SPRINKLERS



Danamix
WATER SOLUTIONS

F3

EINTAL F3 - 3000 SERIES SPRINKLERS LOCAL HEADS ONLY



COLOUR	DESCRIPTION		Noz Dia.	Press kPa	Flow-l/h	Radius	PRICE
UPRIGHT MODELS							
	Eintal F3 Sprinkler LIGHT BLUE	0.9 mm	100	25.0 l/h	1.2 m	R 2.10	
	E001 20 l/h complete @1.0Bar		150	29.2 l/h	1.4 m		
	Type - F3/S - 3000		200	31.8 l/h	1.6 m		
	Eintal F3 Sprinkler GREEN	1.0 mm	100	31.4 l/h	1.4 m	R 2.10	
	E002 32 l/h complete @ 1.0Bar		150	39.2 l/h	1.6 m		
	Type - F3/S - 3000		200	49.9 l/h	1.6 m		
	Eintal F3 Sprinkler GREY	1.1 mm	100	40.0 l/h	1.5 m	R 2.10	
	E003 40 l/h complete @ 1.0Bar		150	50.1 l/h	1.7 m		
	Type - F3/S - 3000		200	60.0 l/h	1.8 m		
	Eintal F3 Sprinkler BLACK	1.2 mm	100	48.0 l/h	1.6 m	R 2.10	
	E004 60 l/h complete @ 1.0Bar		150	58.9 l/h	2.0 m		
	Type - F3/S - 3000		200	69.5 l/h	2.0 m		
UPSIDE DOWN MODELS							
	Eintal F3 SKY BLUE	0.9 mm	100	25.0 l/h	1.2 m	R 2.10	
	E006 20 l/h complete @1.0Bar		150	29.2 l/h	1.4 m		
	Type - F3/U - 3000		200	31.8 l/h	1.6 m		
	Eintal F3 LIGHT GREEN	1.0 mm	100	31.5 l/h	1.4 m	R 2.10	
	E007 31,5 l/h complete @ 1.0Bar		150	39.2 l/h	1.6 m		
	Type - F3/U - 3000		200	50.0 l/h	1.6 m		
	Eintal F3 LIGHT GREY	1.1 mm	100	40.0 l/h	1.5 m	R 2.10	
	E008 40 l/h complete @ 1.0Bar		150	50.1 l/h	1.7 m		
	Type - F3/U - 3000		200	60.0 l/h	1.8 m		
	Eintal F3 WHITE	1.2 mm	100	48.0 l/h	1.6 m	R 2.10	
	E009 60 l/h complete @ 1.0Bar		150	58.9 l/h	2.0 m		
	Type - F3/U - 3000		200	69.5 l/h	2.0 m		

F3

EINTAL VIBRO SPRINKLERS IMPORTED HEADS ONLY



COLOUR	DESCRIPTION	Noz Dia.	Press kPa	Flow-l/h	Radius	PRICE
UPRIGHT MODELS						
	Eintal VIBRO VIOLET BLUE	0.6mm	-	-	-	
	EI020 20 L/h complete @ 2.0Bar		150	18.1 l/h	1.2 m	R 4.75
	Type - 171		200	20.1 l/h	1.3 m	
	Eintal Vibro Sprinkler LIGHT BLUE	0.9 mm	100	19.8 l/h	1.2 m	
	EI001 19 l/h complete @1.0Bar		150	25.7 l/h	1.4 m	R 3.60
	Type - 170		200	34.8 l/h	1.6 m	
	Eintal Vibro Sprinkler GREEN BLACK	1.0 mm	100	33.0 l/h	1.4 m	
	EI002 32 l/h complete @1.0Bar		150	36.6 l/h	1.6 m	R 3.60
	Type - 171		200	50.2 l/h	1.6 m	
	Eintal Vibro Sprinkler GREY BLACK	1.1 mm	100	40.0 l/h	1.5 m	
	EI003 40 l/h complete @ 1.0Bar		150	50.1 l/h	1.7 m	R 4.75
	Type - 171		200	60.0 l/h	1.8 m	
	Eintal Vibro Sprinkler BLACK BLACK	1.2 mm	100	48.0 l/h	1.6 m	
	EI004 60 l/h complete @ 1.0Bar		150	58.9 l/h	2.0 m	R 4.75
	Type - 171		200	69.5 l/h	2.0 m	
	Eintal Vibro ORANGE BLACK	1.3 mm	100	65.2 l/h	1.6 m	
	EI011 65 L/H complete @1.0Bar		150	78.8 l/h	2.0 m	R 4.75
	Type - 171		200	90.0 l/h	2.0 m	
	Eintal Vibro BLUE BLACK	1.4 mm	100	78.0 l/h	1.6 m	
	EI018 78 L/H complete @ 1.0Bar		150	95.0 l/h	2.0 m	R 4.75
	Type - 171		200	110.0 l/h	2.3 m	
	Eintal Vibro BROWN BLACK	1.8 mm	100	113.0 l/h	2.0 m	
	EI019 113 L/H complete @ 1.0Bar		150	138.0 l/h	2.2 m	R 4.75
	Type - 170		200	160.0 l/h	2.4 m	
UPSIDE DOWN MODELS						
	Eintal IMPORTED LIGHT GREEN	1.0 mm	100	31.2 l/h	1.4 m	
	EI007 32 L/H complete @ 1.0Bar		150	39.0 l/h	1.6 m	R 4.75
	Type - 171		200	49.3 l/h	1.6 m	

F3

EINTAL VIBRO SPRINKLERS PARTS AND ACCESSORIES



	CODE	DESCRIPTION	PRICE
	ES045	Eintal Female Barb Plunger	R 0.90
	ES044	Eintal Female Threaded Plunger	R 0.90
	ES052	Eintal Barb Butterfly	R 0.90
	ES046	Eintal Male 3.5mm Barb Plunger	R 2.52
	ES051	Eintal Male 2.0mm Barb Plunger	R 2.85
	ES047	Eintal Barb Collar	R 2.09
	ES005	Eintal 2 Way Connector	R 2.09
	ES006	Eintal - Dan to Eintal adaptor	R 3.37
	ES049	Eintal - Eintal to Dan Adaptor	R 1.40
	ES016	Eintal Threaded Adaptor 3/8"	R 4.68
	ES050	Eintal Adaptor F/F For Nipple or Male Plunger	R 4.20
	ES048	Eintal Pressure Point	R 34.56
	ES058	Eintal 3/8" BSP Female Plunger	R 7.78
	ES059	Eintal Male plug Conical	R 2.09
	WEIGHT 150	150mm Eintal Weight	R 3.50
	WEIGHT2	200mm Eintal Weight	R 4.30
	WEIGHT3	300mm Eintal Weight	R 4.60
	WEIGHT1	Clip-on Weight	R 3.90

F3

EINTAL VIBRO SPRINKLERS



TUBE CUT LENGTHS WITH FEMALE PLUNGER AND BARB

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
E024	F3 - PVC Assembled tube with Plunger and Barb	200mm	4mm x 7mm	R 1.66
E026	F3 - PVC Assembled tube with Plunger and Barb	300mm	4mm x 7mm	R 1.94
E025	F3 - PVC Assembled tube with Plunger and Barb	400mm	4mm x 7mm	R 2.24
E029	F3 - PVC Assembled tube with Plunger and Barb	600mm	4mm x 7mm	R 2.70
E037	F3 - PVC Assembled tube with Plunger and Barb	800mm	4mm x 7mm	R 3.43
E031	F3 - PVC Assembled tube with Plunger and Barb	1000mm	4mm x 7mm	R 4.02



Other Lengths Available on Request

Assembled Tube Cut Lengths with Barb Adaptor Only

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
<u>PIPE WEIGHT 150 (150mm)</u>				
E024150	F3 - PVC Assembled tube with Plunger and Barb	200mm	4mm x 7mm	R 5.20
<u>PIPE WEIGHT 2 (200mm)</u>				
E025200	F3 - PVC Assembled tube with Plunger and Barb	400mm	4mm x 7mm	R 6.80
<u>PIPE WEIGHT 3 (300mm)</u>				
E028300	F3 - PVC Assembled tube with Plunger and Barb	500mm	4mm x 7mm	R 7.40
E029300	F3 - PVC Assembled tube with Plunger and Barb	600mm	4mm x 7mm	R 8.00
E037300	F3 - PVC Assembled tube with Plunger and Barb	800mm	4mm x 7mm	R 9.12
<u>PIPE WEIGHT 1 (Clip-on)</u>				
E024W1	F3 - PVC Assembled tube with Plunger and Barb	200mm	4mm x 7mm	R 5.60
E026W1	F3 - PVC Assembled tube with Plunger and Barb	300mm	4mm x 7mm	R 6.20
E025W1	F3 - PVC Assembled tube with Plunger and Barb	400mm	4mm x 7mm	R 6.80
E028W1	F3 - PVC Assembled tube with Plunger and Barb	500mm	4mm x 7mm	R 7.40
E029W1	F3 - PVC Assembled tube with Plunger and Barb	600mm	4mm x 7mm	R 8.00
E037W1	F3 - PVC Assembled tube with Plunger and Barb	800mm	4mm x 7mm	R 9.12



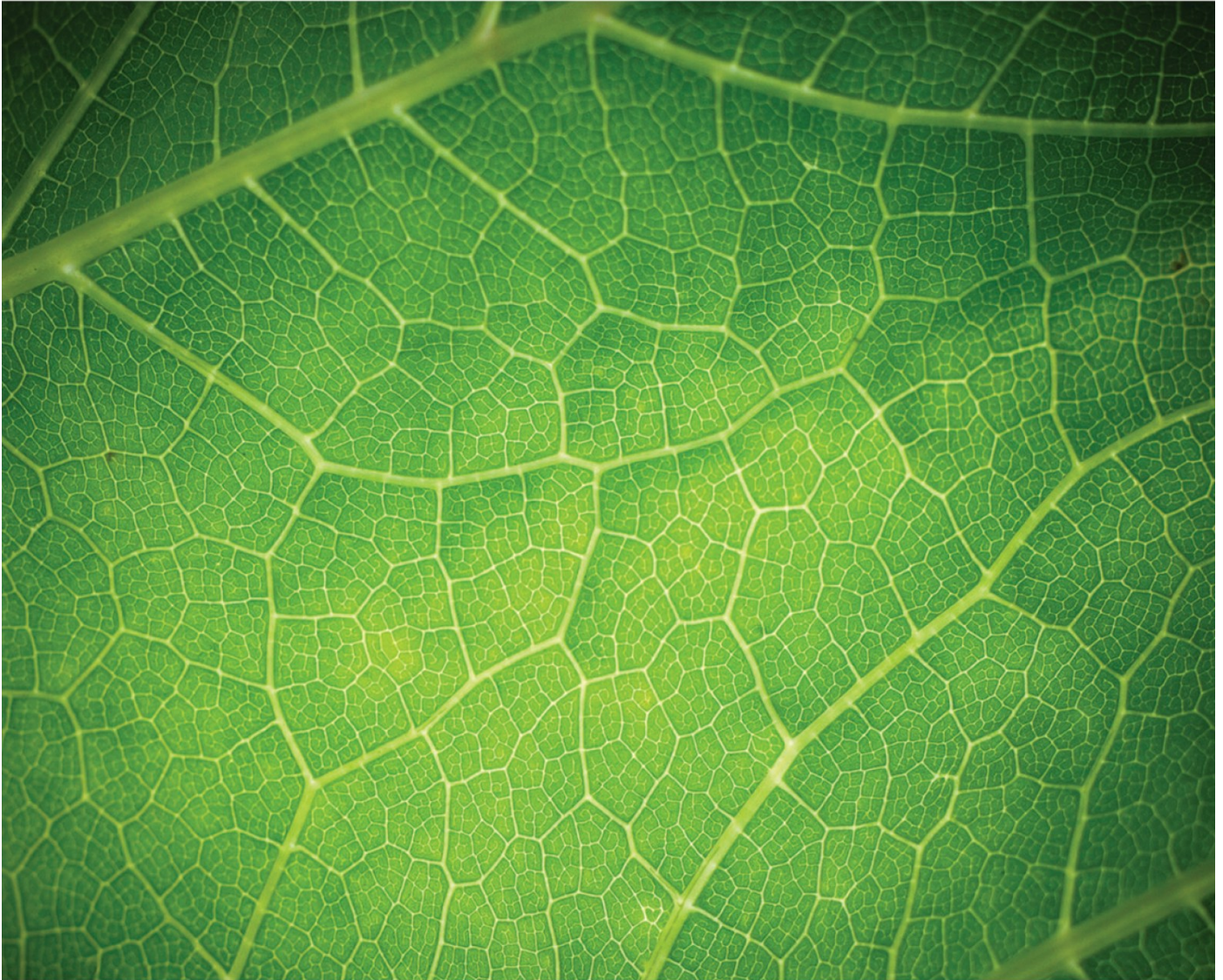
Other Lengths Available on Request

TUBE COILS

CODE	DESCRIPTION	LENGTHS	Size - ID x OD	PRICE
MTC10	PVC Flexible coiled Green tube	10 meter	4mm x 7mm	R 29.00
MTC100	PVC Flexible coiled Green tube	100 meter	4mm x 7mm	R 290.00
MP450	450mm Local Plastic peg			R 2.50



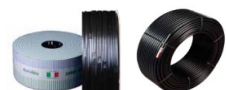
DRIPPERS



Danamix
WATER SOLUTIONS



NON PC DRIPPERLINE



16mm DURALEX - NON PC DRIPPERLINES



Carton Coils

CODE	DESCRIPTION	Wall -mm	Flow l/h	Spacing-meter	Coil Lenght	PRICE/M
DNA48201	16mm	0.90	0.8	1.00	400m	R 4.07
DNA32561	16mm	0.90	0.8	0.60	400m	R 4.15
DNA32521	16mm	0.90	0.8	0.30	400m	R 4.34
DNA48203	16mm	0.90	1.6	1.00	400m	R 4.07
DNA32563	16mm	0.90	1.6	0.60	400m	R 4.15
DNA32523	16mm	0.90	1.6	0.30	400m	R 4.34
DNA48204	16mm	0.90	2.4	1.00	400m	R 4.07
DNA32564	16mm	0.90	2.4	0.60	400m	R 4.15
DNA032524	16mm	0.90	2.4	0.30	400m	R 4.34

16mm DURADRIIP - NON PC DRIPPERLINES



Rolled Coils

CODE	DESCRIPTION	Wall -mm	Flow l/h	Spacing-meter	Coil Lenght	PRICE/M
DNA03641	16mm	0.90	0.8	1.00	500m	R 4.16
DNA03601	16mm	0.90	0.8	0.60	500m	R 4.23
DNA03561	16mm	0.90	0.8	0.30	500m	R 4.43
DNA03643	16mm	0.90	1.6	1.00	500m	R 4.16
DNA03603	16mm	0.90	1.6	0.60	500m	R 4.23
DNA03563	16mm	0.90	1.6	0.30	500m	R 4.43
DNA03644	16mm	0.90	2.4	1.00	500m	R 4.16
DNA03604	16mm	0.90	2.4	0.60	500m	R 4.23
DNA03564	16mm	0.90	2.4	0.30	500m	R 4.43

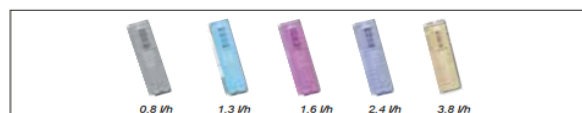
16mm ASTER NON-PC drip - Technical Detail

Dripper specification

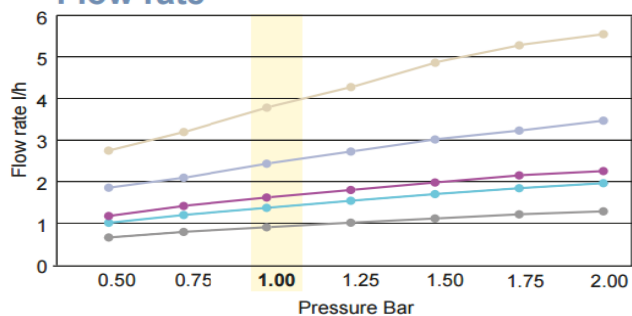
Dripper flow rate: (l/h)	0.8 - 1.3 - 1.6 - 2.4 - 3.8
Standard spacing: (cm)	10 - 15 - 20 - 25 - 30 - 33 - 40 - 50
Special spacing :	groups by request

Dripper data

Nominal flow rate	l/h	0,80	1,30	1,60	2,40	3,80
Coefficient of variation CV	%	1,40	1,60	1,80	2,10	2,20
Exponent x		0,48	0,49	0,49	0,48	0,49
Maximum working pressure	bar	2,0	2,0	2,0	2,0	2,0
Minimum working pressure	bar	0,5	0,5	0,5	0,5	0,5
Dripper flow path	Depth	mm	0,62	0,70	0,70	0,75
	Width	mm	0,62	0,62	0,67	0,85
	Lenght	mm	116	106	106	104
Filtration degree	mesh	120	120	120	120	120
	micron	130	130	130	130	130

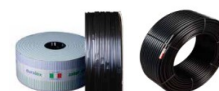


Flow rate





PC DRIPPERLINE



16mm DURALEX - PC DRIPPERLINES



Carton Coils

CODE	DESCRIPTION	Wall -mm	Flow l/h	Spacing-meter	Coil Lenght	PRICE/M
DNA48221	16mm	0.90	1.0	1.00	350m	R 5.32
DNA33891	16mm	0.90	1.0	0.60	350m	R 6.10
DNA37561	16mm	0.90	1.0	0.30	350m	R 8.03
DNA33932	16mm	0.90	1.6	1.00	350m	R 5.32
DNA33892	16mm	0.90	1.6	0.60	350m	R 6.10
DNA37562	16mm	0.90	1.6	0.30	350m	R 8.03
DNA33933	16mm	0.90	2.0	1.00	350m	R 5.32
DNA33893	16mm	0.90	2.0	0.60	350m	R 6.10
DNA37563	16mm	0.90	2.0	0.30	350m	R 8.03

16mm DURADRIP - PC DRIPPERLINES



Rolled Coils

CODE	DESCRIPTION	Wall -mm	Flow l/h	Spacing-meter	Coil Lenght	PRICE/M
DNA12931	16mm	0.90	1.0	1.00	500m	R 5.20
DNA12891	16mm	0.90	1.0	0.60	500m	R 5.98
DNA12851	16mm	0.90	1.0	0.30	500m	R 7.91
DNA12932	16mm	0.90	1.6	1.00	500m	R 5.20
DNA12892	16mm	0.90	1.6	0.60	500m	R 5.98
DNA12852	16mm	0.90	1.6	0.30	500m	R 7.91
DNA12933	16mm	0.90	2.0	1.00	500m	R 5.20
DNA12893	16mm	0.90	2.0	0.60	500m	R 5.98
DNA12853	16mm	0.90	2.0	0.30	500m	R 7.91

16mm ASTER - PC drip - Technical Detail

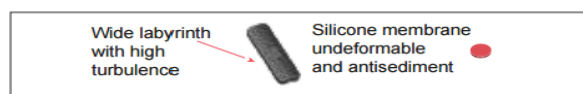
Dripper specifications

Dripper flow rate: (l/h)	1.0 - 1.6 - 2.0 - 2.4 - 3.8
Standard spacing : (cm)	10 - 15 - 20 - 25 - 30 - 33 - 40 - 50 - 60 and more...
Special spacing :	groups by request

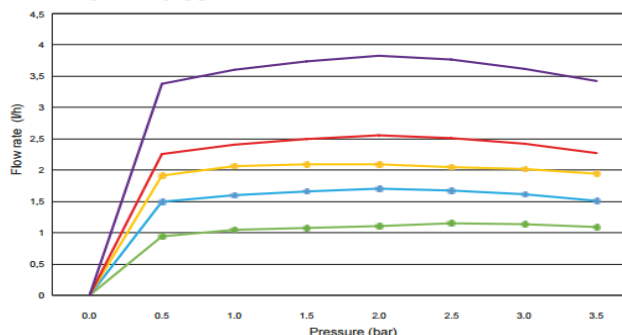
Dripper data

Nominal flow rate	l/h	1,00	1,60	2,00	2,40	3,80
Coefficient of variation CV	%	3,90	3,60	3,80	3,80	3,90
Costante K	bar	1,00	1,60	1,90	2,30	3,60
Exponent	X	0,0	0,0	0,0	0,0	0,0
Maximum working pressure	bar	4,0	4,0	4,0	4,0	4,0
Minimum working pressure	bar	0,5	0,5	0,5	0,5	0,5
Closing pressure*	bar	0,25	0,25	0,25	0,25	0,25
Dripper flow path	Depth	mm	0,76	0,85	0,88	0,90
	Width	mm	0,82	1,06	1,08	1,19
	Length	mm	139	132	93,5	89,6
Filtration area	mm ²	37,37	37,37	37,37	37,37	37,37
Filtration degree	mesh	150	150	120	120	120
	micron	100	100	130	130	130

* only PC AS ND



Flow rate



TAPE DRIPPERLINE



TAPE DRIPPERLINE



CODE	DESCRIPTION	Wall-th.	l/h	Spac.	Coil	PRICE/M
FNCC08030112	P0 Tape Dripperline	0.2mm/8mil	1.1	0.3 m	2900	R 1.15

MULTIBAR C PC DRIPPERLINE (**BROWN**)



CODE	DESCRIPTION	Wall-th.	l/h	Spac.	Coil	PRICE/M
DA161023030B	PC 16mm Brown	1.2MM	2.10	0.30	100M	R 7.14

TAPE DRIPPER TECHNICAL DETAILS

LIGHT DRIPLINE WITH FLAT ULTRA COMPACT HIGH PERFORMANCE DRIPPER - P0

irritec
don't wait for rain

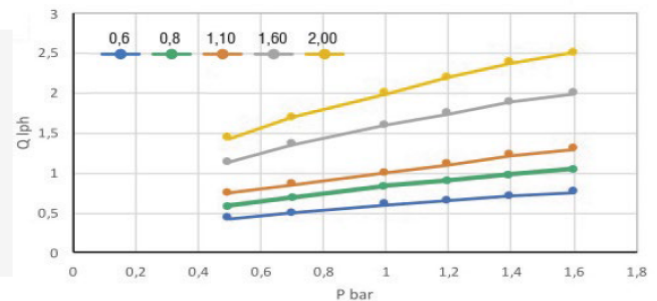
Dripper characteristics

Nominal flow rate lph a 1,0 bar / 14,5 psi	Flow rate lph a 0,7 bar / 10 psi	Dimensions of labyrinth in mm			Inlet filter		Recommended filtering Mesh	Flow Equation		CV
		Altezza	Larghezza	Lunghezza	Area mm ²	N° Fori		k	x	%
0,60 lph	0,50 lph	0,5	0,5	24	1,8	10	155	0,20	0,48	3
0,80 lph	0,69 lph	0,5	0,5	24	2,7	12	155	0,27	0,48	2
1,10 lph	0,95 lph	0,5	0,5	24	2,7	12	120	0,37	0,48	2
1,60 lph	1,36 lph	0,7	0,7	24	1,8	10	120	0,53	0,48	3
2,00 lph	1,70 lph	0,7	0,8	24	1,8	10	120	0,67	0,48	3



P0 - Pressure-flow rate relation

Nominal flow rate (lph) a 1,0 bar / 14,5 psi	Pressure (bar)					
	0,5	0,7	1,0	1,2	1,4	1,6
0,60	0,43	0,50	0,60	0,65	0,71	0,76
0,80	0,59	0,69	0,82	0,90	0,96	1,03
1,10	0,80	0,95	1,12	1,22	1,31	1,40
1,60	1,14	1,36	1,60	1,75	1,89	2,00
2,00	1,44	1,70	2,00	2,20	2,38	2,51



THINWALL DRIPPER FITTINGS



DFST16T 16mm Tape End Stop **R 6.50**



TFTP160080 16/8 Tape Start Connector **R 4.00**



TFTT160160 16/16 Tape Connector **R 4.64**



DRIPPERLINE FITTINGS

Black Dripperline Couplings

PRICE



DFC1212	12 x 12 Coupling	R 1.41
DFC1612	16 x 12 Coupling / REDUCING	R 2.15
DFC1616	16 x 16 Coupling	R 1.75
DFC1716	17 x 16 Coupling / REDUCING (Brown)	R 5.55
DFC1717	17 x 17 Coupling	R 2.42
DFC2016	20 x 16 Coupling / REDUCING	R 4.25
DFC2017	20 x 17 Coupling / REDUCING (Brown)	R 7.04
DFC2020	20 x 20 Coupling	R 3.48

Black Dripperline Elbows

PRICE



DFE1212	12 x 12 Elbow Connector	R 3.13
DFE1616	16 x 16 Elbow Connector	R 3.75
DFE2020	20 x 20 Elbow Connector	R 5.64

Black Dripperline Tee's

PRICE



DFT121212	12 x 12 x 12 Tee / EQUAL	R 3.63
DFT161216	16 x 12 x 16 Tee / REDUCING	R 5.63
DFT161616	16 x 16 x 16 Tee / EQUAL	R 3.88
DFT202020	20 x 20 x 20 Tee / EQUAL	R 6.07

Dripperline Adaptor

PRICE



DFA1615M	16 x 15mm Male Drip Adaptor	R 6.44
DFY1620	16mm x 20mm Male Ypiece Adaptor	R 17.00

Dripperline Accessories

PRICE



DE16100BL	16 mm BLANCO PIPE	100M Roll	R 481.00
DE17100BL	17 mm BLANCO PIPE	100M Roll	R 921.44
DFP16B	BROWN PEG		R 3.30
DFEC16	1617 Figure 8 Stopper Black		R 1.25
DFEC16S	1617 Figure 8 Stopper Brown		R 1.36



DRIPPERLINE FITTINGS

Dripperline Start Connectors and Accessories			PRICE
	DFS12	12 Start Connector	R 6.19
	DFS16	16 Start Connector(Black)	R 2.59
	DFS17	17 Start Connector(Brown)	R 5.57
	DFS20	20 Start Connector(Black)	R 4.81
Dripperline Valves			PRICE
	DFS16V	Dripline Valve Barb / 16mm	R 56.12
	DFS17V	Dripline Valve Barb / 17mm	R 56.12
	DFS20V	Dripline Valve Barb / 20mm	R 56.12
Accessories			PRICE
	DFR0000T	Rubber Grommet for Tape Starter Connector(Fits all)	R 2.89
	MFP912	9/12 Dan Punch	R 218.75
	DFD16	Grommet Drill / 16mm	R 597.50
9/12 Start Connectors			PRICE
	DFS12QF	Super Start connector 9/12 (FEMALE)	R 6.06
	DFS12QM	Super Start connector 9/12 (MALE)	R 6.06
Brown Safety Dripper Fittings			PRICE
	DFC1616S	16 x 16 Coupling	R 2.35
	DFC1717S	17 x 17 Coupling	R 2.97
	DFC2020S	20 x 20 Coupling	R 3.15
	DFE1616S	16 x 16 Elbow Connector	R 4.79
	DFE1717S	17 x 17 Elbow Connector	R 6.98
	DFT161616S	16 x 16 x 16 Tee	R 5.56
	DFT171717S	17 x 17 x 17 Tee	R 9.31
	DFA1615MS	16 x 15mm Male Drip Adaptor	R 6.44
	DFA1715MS	17 x 15mm Male Drip Adaptor	R 8.19
	DFX17S	17mm Cross	R 19.71
	DFT161516MS	16 x 15 x 16mm Male Drip Tee	R 14.50

BUTTON DRIPPER



NON-PC NDN BUTTON DRIPPERS			Body Colour	Flow l/h	Price
	DBTK20	Openable 2 L/H NDN Button Dripper	Light Blue	2.0	R 3.20
	DBTK40	Openable 4 L/H NDN Button Dripper	Black	4.0	R 3.20
	DBTK80	Openable 8 L/H NDN Button Dripper	Grey	8.0	R 3.20
	DBTK160	Openable 16 L/H NDN Button Dripper	Yellow	16.0	R 3.20
PC NDC BUTTON DRIPPERS			Body Colour	Flow l/h	Price
	DBTK40PC	Openable 4 L/H NDC PC Button Dripper	Green	4.0	R 4.00
	DBTK80PC	Openable 8 L/H NDC PC Button Dripper	Red	8.0	R 4.00
	DBTK160PC	Openable 16 L/H NDC PC Button Dripper	Yellow	16.0	R 4.00
PC-LIGHT BUTTON DRIPPERS			Body Colour	Flow l/h	Price
	DB10PCL	1.1 L/H PC-Light Button Dripper	Pink	1.1	R 3.40
	DB20PCL	2.1 L/H PC-Light Button Dripper	Blue	2.1	R 3.40

Pressure/flow rate relation

Model	bar							
	0,5	1	1,5	2	2,5	3	3,5	4
1,1 l/h	1,08	1,14	1,12	1,18	1,16	1,15	1,14	1,13
2,1 l/h	2,11	2,12	2,13	2,11	2,17	2,2	2,22	2,23

Minimum recommended filtration 120 Mesh



PC- BUTTON DRIPPERS			Body Colour	Flow l/h	Price
	DPC02	PC CNL 2.2L/H	Blue	2.2	R 4.10
	DPC03	PC CNL 3.2L/H	Brown	3.2	R 4.10
	DPC04	PC CNL 4.0L/H	Green	4.0	R 4.10
	DPC08	PC CNL 7.6L/H	Red	7.8	R 4.10

TECHNICAL INFO

iDrop PC - Dripper characteristics

Actual flow rate lph	Colour	Inlet filter Area mm²	Flow Equation		Recommended filtering mesh	CV %	Minimum working pressure in bar		Drop Stop System DS in bar		Drop Stop System HDS in bar		Insertion hole mm
			x	k			PC	PCDS	opening	closure	opening	closure	
2,2		2	0,02	2,08	155	≤ 3	0,5	0,7	0,4	0,3	0,6	0,4	2,5-3,0
3,2		2	0,02	3,15	155	≤ 3	0,5	0,7	0,4	0,3	0,6	0,4	2,5-3,0
4,0		2	0,02	3,71	155	≤ 3	0,5	0,7	0,4	0,3	0,6	0,4	2,5-3,0
6,0		2	0,02	6,05	155	≤ 3	0,5	0,7	0,4	0,3	0,6	0,4	2,5-3,0
7,8		2	0,02	7,94	155	≤ 3	0,5	0,7	0,4	0,3	0,6	0,4	2,5-3,0

Working range: DS version from 0.7 to 4.0 bar - HDS version from 1.0 to 4.0 bar.





Greenhouse Products

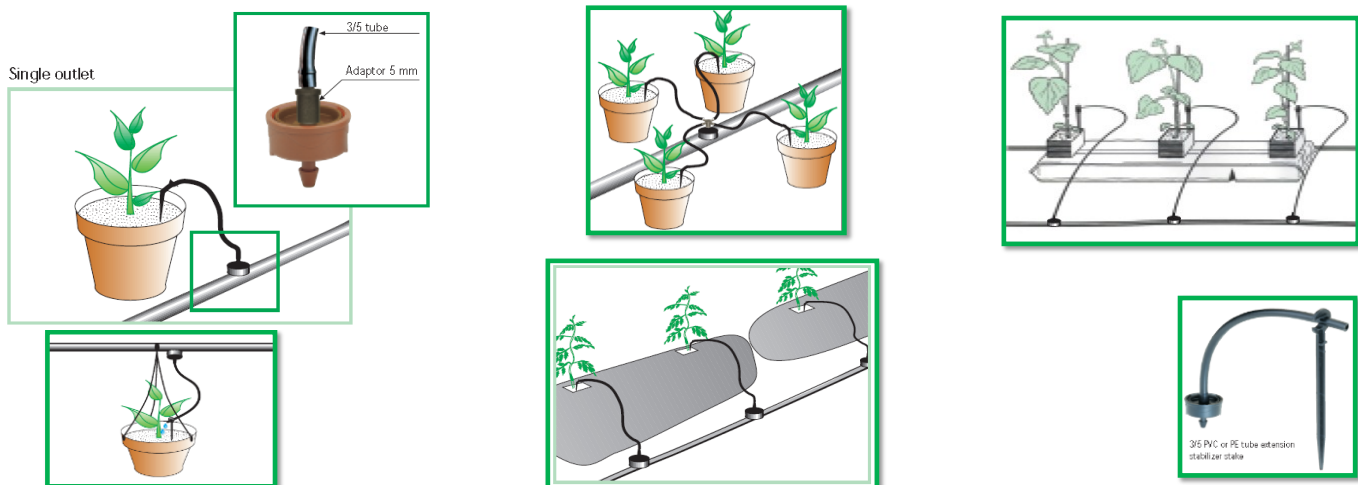
BUTTON DRIPPER FITTINGS



Page 44

Button Dripper fittings			PRICE
	DBF008N	Drip Stabiliser Peg	R 0.85
	DBF 008	Drip Stabiliser Stake	R 1.39
	DBF010	Drip Stick Elbow Labyrinth 10cm 2.0 l/h	R 1.30
	DBF011	Drip Stick Elbow Labyrinth 15cm 2.0 l/h	R 1.84
	DBF 012	Drip 3/5 x 1 outlet Connector / manifold	R 1.50
	DBF 014	Drip 3/5 x 2 outlet Connector / manifold	R 1.64
	DBF 016	Drip 3/5 x 4 outlet Connector / manifold	R 1.84
	DBF 024	Drip 3/5 x 4 Multi outlet Connector /manifold	R 1.84
	DBF031	Drip 3/5 x 4/7 Coupling	R 0.69
	DBF032	Drip 3x5 Coupling	R 1.13
	DBF006	3/5 x 100m Tube for button drippers	R 231.25
	DBF004	3/5 x 1.0m Tube for button drippers	R 2.31
	MFP35	Dan Punch 3/5 - 2.0mm	R 93.75
	DBFA06004	Multi4Way Outlet + 10cm Stick + 0.6m 3/5T	R 16.88
	DBFA10004	Multi4Way Outlet +10 cm Stick+1m 3/5T	R 20.25

Single outlet



DANAMIX FILTRATION



Danamix
WATER SOLUTIONS



DANAMIX Series 100

SCREEN AND DISC FILTERS



DESCRIPTION



Orange Screen
100 micron

Red Screen
130 micron

Green Screen
200 micron

Red Disc
130 micron

20MM



DANAMIX FILTER

MAX PRESS

8 BAR

25MM



DANAMIX FILTER

MAX PRESS

8 BAR

40MM



DANAMIX FILTER

MAX PRESS

8 BAR

50MM



DANAMIX FILTER

MAX PRESS

8 BAR

G100S20NB100

R 120.00

G100S20NB130

R 107.15

G100S20NB200

R 120.00

G100D20NB130

R 130.00

G100S25NB100

R 120.00

G100S25NB130

R 107.15

G100S25NB200

R 120.00

G100D25NB130

R 130.00

G100S40SB100

R 380.00

G100S40SB130

R 340.00

G100S40SB200

R 360.00

G100D40SB130

R 458.00

G100S50NB100

R 380.00

G100S50NB130

R 340.00

G100S50NB200

R 380.00

G100D50NB130

R 458.00

Danamix Series 100

TYPICAL APPLICATIONS

- Made of high-quality polypropylene material, strong and durable;
- Resistance to chemical attack;
- With a unique compact structure, easy handling and installation;
- Cartridge type both in disc and screen connection sizes: 3/4", 1", 1.5", 2";
- A cap threaded on at the auxiliary connection easy for the discharge of waste and pressure reduction;
- Reserved two connections for pressure gauge installation.



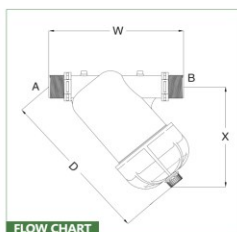
Filtration System



Easy installation



Strong & durable



FLOW CHART



1. DISC

2. SCREEN



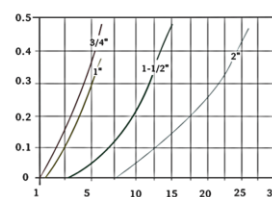
FILTRATION ELEMENT

Housing Material	Filter element Material
Modified PP	Disc: PP
Modified PP	Screen: S.S.304

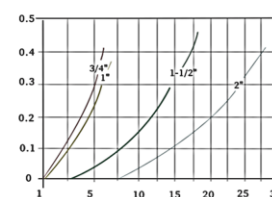
PRODUCT SIZE TABLE

Connection	Max Flow Rate (m³/h)		Filtration surface (cm²)		Working pressure (Bar)
	Disc	Screen	Disc	Screen	
3/4"	4	5	152	126	8
1"	5	6	152	126	8
1-1/2"	12	14	206	180	8
2"	22	24	362	328	8

HEAD LOSS (KG/CM2)-130 MM/120MESH



100 Disc Flowrate (m³/h)



100 Screen Flowrate (m³/h)

PRODUCT SIZE TABLE

Item No.	Connection Size		Size			Weight(g)
	A	B	W	X	D	
G100D20NB130	3/4"BSP	3/4"BSP	167	150	223	290
G100D25NB130	1"BSP	1"BSP	167	150	223	300
G100D40SB130	1.1/2"BSP	1.1/2"BSP	264	206	312	1160
G100D50NB130	2"BSP	2"BSP	264	206	312	1210
G100S20NB120	3/4"BSP	3/4"BSP	167	150	223	230
G100S25NB120	1"BSP	1"BSP	167	150	223	230
G100S40SB120	1.1/2"BSP	1.1/2"BSP	264	206	312	830
G100S50NB120	2"BSP	2"BSP	264	206	312	860

• NPT Thread available



Filtration grades





DANAMIX Series 200

DISC FILTER



Description		Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron
2NB	50mm			
	COMPACT	G200D50NB100	G200D50NB130	G200D50NB200
	MAX - 10 BAR	R 1 750.00	R 1 750.00	R 1 750.00
	BSP MALE THREAD			
2SB	50mm			
	SUPER	G200D50SB100	G200D50SB130	G200D50SB200
	MAX - 10 BAR	R 1 900.00	R 1 900.00	R 1 900.00
	BSP MALE THREAD			
3NB	80mm			
	COMPACT	G200D80CB100	G200D80CB130	G200D80CB200
	MAX - 10 BAR	R 1 850.00	R 1 850.00	R 1 850.00
	BSP MALE THREAD			
3SB	80mm			
	SUPER	G200D80NB100	G200D80NB130	G200D80NB200
	MAX - 10 BAR	R 2 220.00	R 2 220.00	R 2 220.00
	BSP MALE THREAD			
3DSB	80mm			
	SUPER DOUBLE	G200D50XB100	G200D80XB130	G200D80XB200
	MAX - 10 BAR	Coming Soon		
	BSP MALE THREAD			

DANAMIX Filtration

TYPICAL APPLICATIONS

- Made of high-quality polypropylene material, strong and durable;
- The hydraulic design of the filter minimizes head loss, saving energy and optimizing its performance;
- The system permits a wide range of flow rates and configurations using minimal components;
- Innovative disc design with depth filter traps retains a large amount of impurity;
- Various types of connections available: BSP, VIC and Flange;
- Auxiliary connection for drain & pressure release; Resistance to chemical attack;
- Reserved two connections for pressure gauge installation;
- No tools are needed for maintenance and installation.



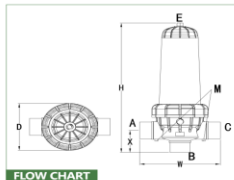
Filtration System



Easy installation



Strong & durable



FLOW CHART



1. TWO FILTERS CAN BE SPLICED TOGETHER



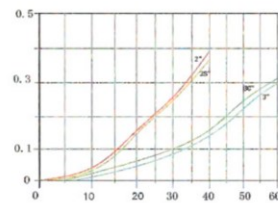
GLA200 MATERIAL

Housing		Modified PP
Disc		Modified PP
Thread Cap		Reinforced PA6
Sealing element		NBR

PRODUCT SIZE TABLE

ITEM NO.	Max Flow Rate (m³/h)	Filtration surface (cm²)	Working pressure(Bar)
G200D50NB	25	1060	10
G200D50SB	30	1680	10
G200D80CB	30	1060	10
G200D80NB	40	1680	10
G200D80DNB	50	2120	10
G200D80DSB	60	3360	10

G200 DISC HEAD LOSS(130 MICRON)



Head Loss (Bar) Flowrate (m³/h)



PRODUCT SIZE TABLE

Item No.	Connection Size					Size				Weight (kg)
	A	B	C	E	M	H	W	X	D	
G200D50NB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	495	334	110	223	4.18
G200D50SB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	643	334	110	223	5.38
G200D80CB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	495	334	110	223	4.30
G200D80NB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	643	334	110	223	5.44
G200D80DNB	3"BSP		3"BSP	3/4"BSP	3/4"BSP	773	334	114	223	7.60
G200D80DSB	3"BSP		3"BSP	3/4"BSP	3/4"BSP	1066	334	114	223	9.84



DANAMIX Series 300

DISC FILTER



Description		Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron	Blue Disc 400 micron
2NB	50mm COMPACT MAX - 10 BAR BSP MALE THREAD	G300D50NB100	G300D50NB130	G300D50NB200	G300D50NB400
2SB	50mm SUPER MAX - 10 BAR BSP MALE THREAD	G300D50SB100	G300D50SB130	G300D50SB200	G300D50SB400
3NB	80mm COMPACT MAX - 10 BAR BSP MALE THREAD	G300D80NB100	G300D80NB130	G300D80NB200	G300D80NB400
3SB	80mm SUPER MAX - 10 BAR BSP MALE THREAD	G300D80SB100	G300D80SB130	G300D80SB200	G300D80SB400
3DSB	100mm COMPACT DOUBLE MAX - 10 BAR Flanged - DN	G300D100NB100 R 7 200.00	G300D100NB130 R 7 200.00	G300D100NB200 R 7 200.00	G300D100NB400 R 7 200.00
3DSB	100mm SUPER DOUBLE MAX - 10 BAR Flanged - DN	G300D100SB100 R 8 000.00	G300D100SB130 R 8 000.00	G300D100SB200 R 8 000.00	G300D100SB400 R 8 000.00

GLA300

TYPICAL APPLICATIONS

- Made of reinforced PA6 with glass fiber added, ultra strength and durability, extending service lifetime;
- The hydraulic design of the filter minimizes head loss saving energy and optimizing its performance;
- Resistance to chemical attack;
- The system permits a wide range of flow rates and configurations using minimal components;
- Various types of connections are available: BSP VIC and Flange.



Filtration System



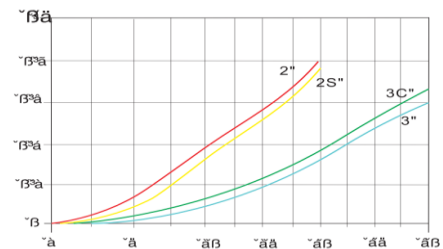
Easy installation



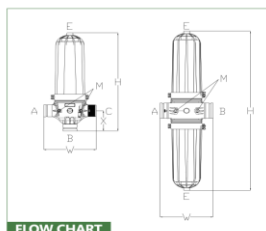
Strong & durable



G300 DISC HEAD LOSS(130 MICRON)



GLA100 Disc Flowrate (m³/h)



FLOW CHART



1 DISC

2 COLOR

PRODUCT SIZE TABLE

ITEM NO.	Max Flow Rate (m ³ /h)	Filtration surface (cm ²)	Working pressure(Bar)
G300D50NB	30	1220	10
G300D50SB	40	1380	10
G300D80CB	40	1220	10
G300D80NB	50	1730	10
G300D80DNM	60	3460	10
G300D80DSM	80	3460	10
G300D100DNM	70	3460	10
G300D100DSM	100	3460	10



DANAMIX Filtration - GLS2000

50mm AUTOMATIC FILTER BANKS

50mm Danamix Automatic Filter banks (Spinkleen)

Backflush controller installed

All Flanges are SABS 1123 Standard (DIN)



Flow-m3/h	No. of Filters	Manifold Size				Availability
			Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron	
46	2 x 50mm	3" - 90mm Fl.	GLSH2023FS100 R50 800.00	GLSH2023FS130 R50 800.00	GLSH2023FS200 R50 800.00	In Stock
69	3 x 50mm	4" - 110mm Fl.	GLSH2034FS100 R63 500.00	GLSH2034FS130 R63 500.00	GLSH2034FS200 R63 500.00	In Stock
92	4 x 50mm	4" - 110mm Fl.	GLSH2044FS100 R90 300.00	GLSH2044FS130 R90 300.00	GLSH2044FS200 R90 300.00	On Request
138	5 x 50mm	6" - 160mm Fl.	GLSH2056FS100 R105 100.00	GLSH2056FS130 R105 100.00	GLSH2056FS200 R105 100.00	On Request

Backflush controller Kit includes: DC Control unit, DC 2 Wire Solenoids and Build in PD Switch

DANAMIX Filtration GLS2000

TYPICAL APPLICATIONS

- Helix creates centrifugal action optimizes the filtration performance and reduce backwash frequency and maintenance
- All components are made of high quality virgin materials, unique design guarantee an extended life with high resistance
- Versatility and compatibility of filter permits system a wide range of flow and configurations, as to stand maintenance
- A piston system to compact the filter elements allows for easy decompression of the disc stack during backwash
- High efficiency filtration system and backflush system save the water and energy.



-  Filtration System
-  Easy installation
-  Strong & durable



MATERIAL

Parts	2S.3N.3DN.4DN
Housing	Reinforced PA6 with glass fiber added
Disc	PP
Sealing parts	Natural rubber + S.S.304 Clamp
Cartridge Framework	Reinforced PA6 with glass fiber added
Piston part	Reinforced PA6 with glass fiber added

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Backwash pressure (Bar)	Backwash flow rate (S/L)
G600D50S	25	1520	2.8	3
G600D80N	30	1520	2.8	3
G600D100N	50	3040	2.8	6

FILTRATION GRADE

- 200 micron (75 mesh)
- 100 micron (150 mesh)
- 130 micron (120 mesh)
- 50 micron (300 mesh)

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Max pressure (Bar)	Backwash flow rate (S/L)
GLSH202-3F	30-50	3040	10	3
GLSH203-4F	60-75	4560	10	3
GLSH204-4F	80-100	6080	10	3
GLSH205-6F	100-125	7600	10	3

G200D80D5B	60	3360	10
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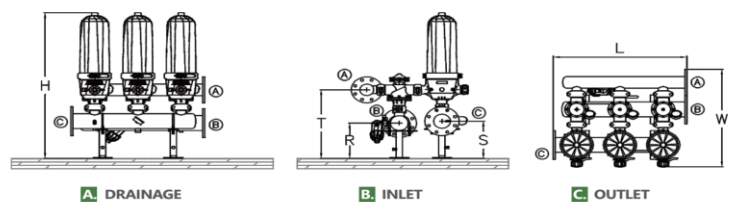
Filtration degree	Flow (m³/h)			
	Good quality	Average quality	Poor quality	Very poor quality
400	24	24	24	22
200	24	24	23	21
130	23	22	21	19
100	23	21	20	18

Filtration element flow will depend on water quality and filtration degree.

pH=4 • Maximum temperature 60 °C / 140 °F
Maximum pressure: Standard 10 bar / 145 psi. DLP 6 bar / 87 psi

2" 3"

AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE (130 MICRON)



PRODUCT SIZE TABLE

Item No.	Description	Size					
		L	W	H	R	T	S
GLSH202-3F	2pcs of filter unit and 3" pipes	575	745	1087	256	498	270
GLSH203-4F	3pcs of filter unit and 4" pipes	850	745	1112	269	523	284
GLSH204-4F	4pcs of filter unit and 4" pipes	1125	745	1112	269	523	284
GLSH205-6F	5pcs of filter unit and 6" pipes	1400	773	1163	295	574	309



DANAMIX Filtration - GLS4000

100mm AUTOMATIC FILTER BANKS

100mm Danamix Automatic Filter banks (Spinkleen)

Backflush controller installed

All Flanges are SABS 1123 Standard (DIN)



Flow-m3/h	No. of Filters	Manifold Size				Availability
			Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron	
175	3 x 100mm	160mm Fl.	GLSH4036FS100 R110 000.00	GLSH4036FS130 R110 000.00	GLSH4036FS200 R110 000.00	On Request
220	4 x 100mm	200mm Fl.	GLSH4048FS100 R144 000.00	GLSH4048FS130 R144 000.00	GLSH4048FS200 R144 000.00	On Request

Backflush controller Kit includes: DC Control unit, DC 2 Wire Solenoids and Build in PD Switch

GLS4000

TYPICAL APPLICATIONS

- Helix creates centrifugal action optimizes the filtration performance and reduce backwash frequency and maintenance
- All components are made of high quality virgin materials, unique design guarantee an extended life with high resistance
- Versatility and compatibility of filter permits system a wide range of flow and configurations, as to install and maintenance
- A piston system to compact the filter elements allows for easy decompression of the disc stack during backwash
- High efficiency filtration system and backflush system save the water and energy.



-  Filtration System
-  Easy installation
-  Strong & durable



MATERIAL

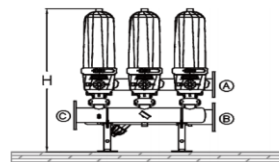
Parts	2S.3N.3DN.4DN
Housing	Reinforced PA6 with glass fiber added
Disc	PP
Sealing parts	Natural rubber + S.S.304 Clamp
Cartridge Framework	Reinforced PA6 with glass fiber added
Piston part	Reinforced PA6 with glass fiber added

Filtration degree	Flow (m³/h)			
	Good quality	Average quality	Poor quality	Very poor quality
400	24	24	24	22
200	24	24	23	21
130	23	22	21	19
100	23	21	20	18

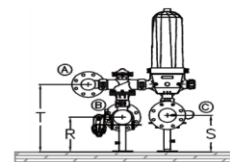
Filtration element flow will depend on water quality and filtration degree.

pH > 4 • Maximum temperature 60 °C / 140 °F
Maximum pressure: Standard 10 bar / 145 psi. DLP 6 bar / 87 psi

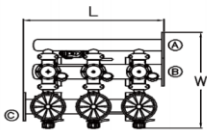
AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE (130 MICRON)



A. DRAINAGE



B. INLET



C. OUTLET

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Backwash pressure (Bar)	Backwash flow rate (S/L)
G600D50S	25	1520	2.8	3
G600D80N	30	1520	2.8	3
G600D100N	50	3040	2.8	6

FILTRATION GRADE

- 200 micron (75 mesh)
- 100 micron (150 mesh)
- 130 micron (120 mesh)
- 50 micron (300 mesh)

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Max pressure (Bar)	Backwash flow rate (S/L)
GLSH403-6F	150~180	9120	10	6
GLSH404-8F	200~240	12160	10	3
GLSH405-8F	250~300	15200	10	3
GLSH406-10F	300~360	18240	10	3
GLSH407-10F	350~420	21280	10	3
GLSH408-12F	400~480	24320	10	3
GLSH409-12F	450~540	27360	10	3
GLSH410-12F	500~600	30400	10	3

PRODUCT SIZE TABLE

Item No.	Description	Size					
		L	W	H	R	T	S
GLSH403-6F	3pcs of filter unit and 6" pipes	950	1200	1765	320	623	1266
GLSH404-8F	4pcs of filter unit and 8" pipes	1225	1200	1765	320	623	1266
GLSH405-8F	5pcs of filter unit and 8" pipes	1500	1200	1875	350	680	1350
GLSH406-10F	6pcs of filter unit and 10" pipes	1775	1200	1875	350	680	1350
GLSH407-10F	7pcs of filter unit and 10" pipes	2050	1200	1990	390	754	1442
GLSH408-12F	8pcs of filter unit and 12" pipes	2325	1200	1990	390	754	1442
GLSH409-12F	9pcs of filter unit and 12" pipes	2725	1200	2110	440	826	1546
GLSH410-12F	10pcs of filter unit and 12" pipes	3000	1200	2110	440	826	1546

AZUD FILTRATION



Danamix
WATER SOLUTIONS

100 SERIES

SCREEN AND DISC FILTERS

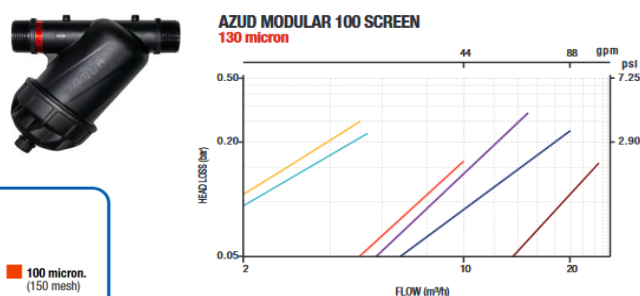
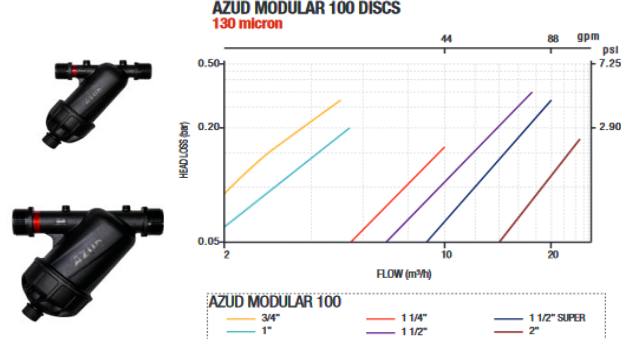


DESCRIPTION						
		Orange Screen 100 micron	Red Screen 130 micron	Green Screen 200 micron	Blue Screen 530 micron	Red Disc 130 micron
	20MM					
	AZUD FILTER	F120100S	F120130S	F120200S		F120130D
	MAX PRESS	R 128.00	R 128.00	R 128.00		R 163.00
	8 BAR					
	25MM					
	AZUD FILTER	F125100S	F125130S	F125200S		F125130D
	MAX PRESS	R 128.00	R 128.00	R 128.00		R 163.00
	8 BAR					
	32MM					
	AZUD FILTER	F132100S	F132130S	F132200S	F132530S	F132130D
	MAX PRESS	R 212.00	R 212.00	R 212.00	R 212.00	R 344.00
	8 BAR					
	40MM					
	AZUD FILTER	F140100S	F140130S	F140200S	F140530S	F140130D
	MAX PRESS	R 212.00	R 212.00	R 212.00	R 212.00	R 344.00
	8 BAR					
	50MM					
	AZUD FILTER	F150100S	F150130S	F150200S	F150530S	F150130D
	MAX PRESS	R 410.00	R 410.00	R 410.00	R 410.00	R 534.00
	8 BAR					

AZUD MODULAR 100	3/4"	1"
CONNECTION	3/4" BSP	1" BSP
MAXIMUM RECOMMENDED FLOW	5 m³/h 22 gpm	6 m³/h 26 gpm
FILTERING SURFACE (DISCS)	180 cm² 28 in²	180 cm² 28 in²
FILTERING SURFACE (SCREEN)	160 cm² 25 in²	160 cm² 25 in²

AZUD MODULAR 100	1 1/4"	1 1/2"
CONNECTION	1 1/4" BSP	1 1/2" BSP
MAXIMUM RECOMMENDED FLOW	10 m³/h 44 gpm	14 m³/h 62 gpm
FILTERING SURFACE (DISCS)	310 cm² 48 in²	310 cm² 48 in²
FILTERING SURFACE (SCREEN)	270 cm² 42 in²	270 cm² 42 in²

AZUD MODULAR 100	1 1/2" SUPER	2"
CONNECTION	1 1/2" BSP	2" BSP
MAXIMUM RECOMMENDED FLOW	20 m³/h 88 gpm	25 m³/h 110 gpm
FILTERING SURFACE (DISCS)	535 cm² 83 in²	535 cm² 83 in²
FILTERING SURFACE (SCREEN)	490 cm² 76 in²	490 cm² 76 in²



Filtration grades

Disc

130 micron.
(120 mesh)

Screen INOX

530 micron.
(35 mesh)

200 micron.
(75 mesh)

130 micron.
(120 mesh)

100 micron.
(150 mesh)



SERIES 100 SPARE PARTS



100 SERIES SCREEN ONLY		20mm/25mm Filter	32mm/40mm Filter	50mm Filter
		48 x 151 mm	69 x 175mm	90 x 220mm
	530 Micron SS Screen Element	-----	FS132530S R 120.00	FS150530S R 165.00
	200 Micron SS Screen Element	FS120200S R 110.00	FS132200S R 120.00	FS150200S R 165.00
	130 Micron SS Screen Element	FS120130S R 110.00	FS132130S R 120.00	FS150130S R 165.00
	100 Micron SS Screen Element	FS120100S R 110.00	FS132100S R 120.00	FS150100S R 165.00
100 SERIES DISC ONLY		20mm/25mm Filter	32mm/40mm Filter	50mm Filter
	130 Micron disc Element only	FS120130D R 140.00	FS132130D R 180.00	FS150130D R 250.00
100 SERIES CAP O-RING		20mm/25mm Filter	32mm/40mm Filter	50mm Filter
	O-RING for Azud Screen 100 Series	FSSR120 R 40.00	FSSR132 R 60.00	FSSR150 R 70.00
	O-RING for Azud Lid 100 Series	FSCR120 R 30.00	FSCR132 R 85.00	FSCR150 R 90.00



AGL SERIES DISC FILTER



Description					
		Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron	Blue Disc 400 micron
2 	50mm				
	COMPACT	FAGC50100D	FAGC50130D	FAGC50200D	FAGC50400D
	MAX - 8 BAR	R 2 420.00	R 2 420.00	R 2 420.00	R 2 420.00
2S 	50mm				
	SUPER	FAGS50100D	FAGS50130D	FAGS50200D	FAGS50400D
	MAX - 8 BAR	R 3 060.00	R 3 060.00	R 3 060.00	R 3 060.00
3C 	80mm				
	COMPACT	FAGC80100D	FAGC80130D	FAGC80200D	FAGC80400D
	MAX - 8 BAR	R 2 550.00	R 2 550.00	R 2 550.00	R 2 550.00
3 	80mm				
	SUPER	FAGS80100D	FAGS80130D	FAGS80200D	FAGS80400D
	MAX - 8 BAR	R 3 220.00	R 3 220.00	R 3 220.00	R 3 220.00
BSP THREAD					

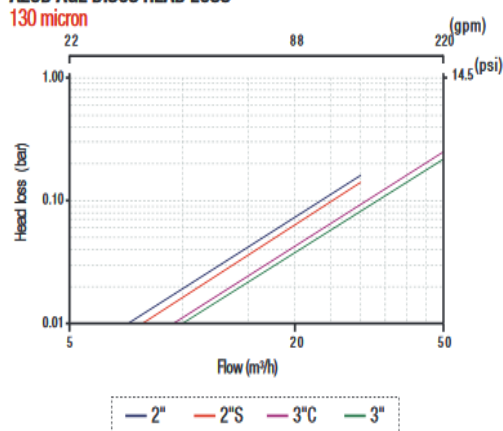


AZUD AGL 130 micron	Maximum flow		Filtering surface			
			Discs		Screen	
	m ³ /h	gpm	cm ²	in ²	cm ²	in ²
2"	30	132	1050	163	650	101
2"S	30	132	1660	257	960	149
3"C	50	220	1050	163	650	101
3"	50	220	1660	257	960	149

The flow rate given by filter, conditions the frequency of the flushings.

■ 200 micron. (75 mesh)
■ 130 micron. (120 mesh)
■ 100 micron. (150 mesh)

AZUD AGL DISCS HEAD LOSS



AGL SPARE PARTS



AGL SERIES		COMPACT	SUPER
SPINE RING SET			
	400 Micron Disc Element Only	FSAGC400SS R 1 188.00	FSAGS400SS R 1 500.00
	200 Micron Disc Element Only	FSAGC200SS R 1 188.00	FSAGS200SS R 1 500.00
	130 Micron Disc Element Only	FSAGC130SS R 1 188.00	FSAGS130SS R 1 500.00
	100 Micron Disc Element Only	FSAGC100SS R 1 188.00	FSAGS100SS R 1 500.00
RING SET		COMPACT	SUPER
	400 Micron Discs Only	FSAGC400RS R 660.00	FSAGS400RS R 852.00
	200 Micron Discs Only	FSAGC200RS R 660.00	FSAGS200RS R 852.00
	130 Micron Discs Only	FSAGC130RS R 660.00	FSAGS130RS R 852.00
	100 Micron Discs Only	FSAGC100RS R 660.00	FSAGS100RS R 852.00
BODY FOR AGL SERIES		50mm SCREWED	80mm FLANGED
	FILTER BASE	FSAG50B R 1 176.00	FSAG80B R 1 212.00
CAP FOR AGL SERIES		COMPACT	SUPER
	FILTER LID	FSAGCC R 1 412.00	FSAGSC R 1 512.00
CLAMP FOR AGL SERIES		CLAMP	
	FILTER CLAMP	FSAGCL R 948.00	
SPINE ONLY FOR AGL FILTER		COMPACT	SUPER
	SPINE ONLY FOR AGL	FSAGCSP R 744.00	FSAGSSP R 888.00
300 AND HELIX AND AGL SERIES O-RINGS			
	O-RING For Azud Lid AGL	FSAGCR R 246.00	
	O-RING For Screen / Disc Element Base	FSAGSR R 117.60	
			

HELIX SERIES

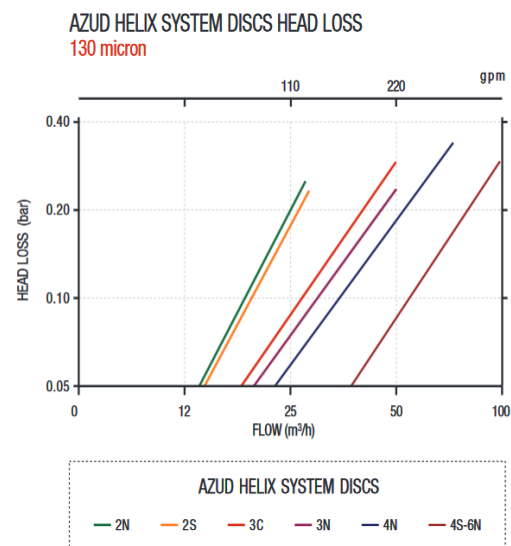
DISC FILTERS



DESCRIPTION		HELIX Series			
		 Orange Disc 100 micron	 Red Disc 130 micron	 Green Disc 200 micron	 Blue Disc 400 micron
2N	50mm COMPACT Max - 10 Bar BSP Thread	FHXC50100D R 3 780.00	FHXC50130D R 3 780.00	FHXC50200D R 3 780.00	FHXC50400D R 3 780.00
2S	50mm SUPER Max - 10 Bar BSP Thread	FHXS50100D R 4 460.00	FHXS50130D R 4 460.00	FHXS50200D R 4 460.00	FHXS50400D R 4 460.00
3N	80mm SUPER Max - 10 Bar BSP Thread	FHXS80100D R 5 600.00	FHXS80130D R 5 600.00	FHXS80200D R 5 600.00	FHXS80400D R 5 600.00
4N	100mm COMPACT Max - 10 Bar SABS1123 Flanged	FHXC100100D R 9 500.00	FHXC100130D R 9 500.00	FHXC100200D R 9 500.00	FHXC100400D R 9 500.00
4S	100mm SUPER Max - 10 Bar SABS1123 Flanged	FHXS100100D R 12 000.00	FHXS100130D R 12 000.00	FHXS100200D R 12 000.00	FHXS100400D R 12 000.00
Comes Standard with Helix Disc					

AZUD HELIX SYSTEM 130 micron	Max. flow	Filtering surface	
		Discs	Screen
2N	30 m³/h 132 gpm	1198 cm² 186 in²	-
2S	30 m³/h 132 gpm	1699 cm² 263 in²	1087 cm² 169 in²
3C	50 m³/h 220 gpm	1198 cm² 186 in²	-
3N	50 m³/h 220 gpm	1699 cm² 263 in²	1087 cm² 169 in²
4N	70 m³/h 308 gpm	2396 cm² 371 in²	-
4S	100 m³/h 440 gpm	3398 cm² 527 in²	2174 cm² 334 in²
6N	100 m³/h 440 gpm	3398 cm² 527 in²	2174 cm² 334 in²

Other filtration grades available.





HELIX SERIES		COMPACT	SUPER	
Disc Element Only		130 x 400mm	130 x 520mm	
	400 Micron Disc Element only	FSUC400SS R 3 228.00	FSUS400SS R 4 272.00	
	200 Micron Disc Element only	FSUC200SS R 3 228.00	FSUS200SS R 4 272.00	
	130 Micron Disc Element only	FSUC130SS R 3 228.00	FSUS130SS R 4 272.00	
	100 Micron Disc Element only	FSUC100SS R 3 228.00	FSUS100SS R 4 272.00	
RING SET		COMPACT	SUPER	
	400 Micron Disc only	FSUC400RS R 2 052.00	FSUS400RS R 2 688.00	
	200 Micron Discs Only	FSUC200RS R 2 052.00	FSUS200RS R 2 688.00	
	130 Micron Discs Only	FSUC130RS R 2 052.00	FSUS130RS R 2 688.00	
	100 Micron Discs Only	FSUC100RS R 2 052.00	FSUS100RS R 2 688.00	
BODY FOR HELIX SERIES		50mm SCREWED	80mm SCREWED	100mm FLANGED
	FILTER BASE	FSU50BT R 1 392.00	FSU80BT R 1 944.00	FSU100BF R 6 624.00
CAP FOR 300 SERIES		COMPACT	SUPER	
	FILTER LID	FSUCC R 1 056.00	FSUCS R 1 584.00	
CLAMP FOR HELIX SERIES		CLAMP		
	FILTER CLAMP	FSUCL R 1 704.00		
SPINE ONLY FOR HELIX FILTER		COMPACT	SUPER	
	SPINE ONLY FOR HELIX	FSUCSP R 1 344.00	FSUSSP R 1 584.00	
300 AND HELIX AND AGL SERIES O-RINGS				
	O-RING for Azud Lid 300 Series	FSUCR R 318.00		
	O-RING for Screen / Disc Element Base	FSUSR R 222.00		
				

SPIRAL CLEAN SCREEN FILTERS



DESCRIPTION		Orange Screen 100 micron	Red Screen 130 micron	Green Screen 200 micron
2N	 50mm COMPACT MAX - 10 BAR MIN - 2 BAR BSP THREAD	FASCC50100S R 7 500.00	FASCC50130S R 7 500.00	FASCC50200S R 7 500.00
2S	 50mm SUPER MAX - 10 BAR MIN - 2 BAR BSP THREAD	FASCS50100S R 8 500.00	FASCS50130S R 8 500.00	FASCS50200S R 8 500.00
3C	 80mm COMPACT MAX - 10 BAR MIN - 2 BAR BSP THREAD	FASCC80100S R 8 700.00	FASCC80130S R 8 700.00	FASCC80200S R 8 700.00
3N	 80mm SUPER MAX - 10 BAR MIN - 2 BAR BSP THREAD	FASCS80100S R 10 000.00	FASCS80130S R 10 000.00	FASCS80200S R 10 000.00

TECHNOLOGY

AZUD SPIRAL CLEAN filter has a wide surface screen filtering element, and nozzles specially designed to remove the particles retained during the filtration process.

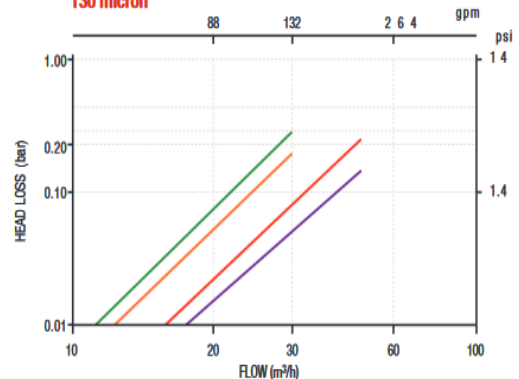
The rotatory movement of the handle allows the nozzles, with a spiral movement, scan the 100% of the screen, sucking the particles and expelling it through the drainage, with little water consumption.



AZUD SPIRAL CLEAN 130 micron	Maximum flow	Filtering surface
		Screen
2N	30 m³/h 132 gpm	890 m² 138 in²
2S	30 m³/h 132 gpm	1.190 m² 184 in²
3C	50 m³/h 220 gpm	890 m² 138 in²
3N	50 m³/h 220 gpm	1.190 m² 134 in²

Minimum pressure: 2 bar / 29 psi.
The flow rate given by filter conditions the frequency of the flushing activation.
Other filtration grades available www.azud.com

HEAD LOSS AZUD SPIRAL CLEAN 130 micron



AZUD SPIRAL CLEAN SCREEN

— 2N — 2S — 3C — 3N

SPIRAL CLEAN SPARE PARTS



SPIRAL CLEAN SCREEN ELEMENT		COMPACT	SUPER
Same Screen as Model 300		120 x 375mm	120 x 500mm
	200 Micron Screen Element only	FSUC200S R 1 272.00	FSUS200S R 2 136.00
	130 Micron Screen Element only	FSUC130S R 1 272.00	FSUS130S R 2 136.00
	100 Micron Screen Element only	FSUC100S R 1 272.00	FSUS100S R 2 136.00

Body for Spiral Clean			COMPACT	SUPER
FILTER BASE	50mm	SCREWED	FSSCC50B R 7 680.00	FSSCS50B R 8 880.00
FILTER BASE	80mm	SCREWED	FSSCC80B R 9 120.00	FSSCS80B R 9 960.00



CLAMP For 300 SERIES	CLAMP
	FSUCL R 1 512.00

300 and HELIX AND AGL SERIES O-RINGS

	O-RING for Azud Lid 300 Series	FSUCR R 240.00
	O-RING for Screen / Disc Element Base	FSUSR R 180.00



50mm AUTOMATIC FILTER BANKS



50mm Azud Automatic Filter banks



Please add Backflush controller separately

All Flanges are SABS 1123 Standard



Flow-m3/h	No. of Filters	Manifold Size	Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron
46	2 x 50mm	3" - 90mm Fl.	FAB2280100	FAB2280130	FAB2280200
69	3 x 50mm	4" - 110mm Fl.	FAB32100100	FAB32100130	FAB32100200
92	4 x 50mm	6" - 160mm Fl.	FAB42160100	FAB42160130	FAB42160200
115	5 x 50mm	6" - 160mm Fl.	FAB52160100	FAB52160130	FAB52160200
138	6 x 50mm	6" - 160mm Fl.	FAB62160100	FAB62160130	FAB62160200

Prices
On
Request

Backflush controller Kit includes: DC Control unit, DC 2 Wire Solenoids and Build in PD Switch



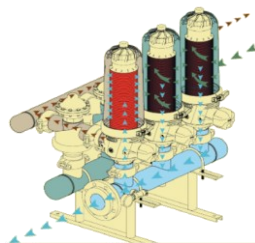
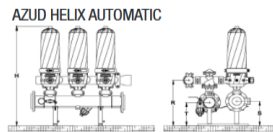
AZUD HELIX AUTOMATIC SERIES 200/300		
BACKFLUSHING	MG/WS Disc Technology	
Model	Standar	DLP
Minimum backflushing pressure per filter	2.8 bar 41 psi	1.5 bar 21 psi
Minimum backflushing flow per filter	2.5 l/s 39 gpm	

Maximum flow per filtering element AZUD HELIX AUTOMATIC filtration surface 1620 cm ²				
SERIE 200/300 DLP				
Flow (m ³ /h)				
Filtration degree	Good quality	Average quality	Poor quality	Very poor quality
400	24	24	24	22
200	24	24	23	21
130	23	22	21	19
100	23	21	20	18

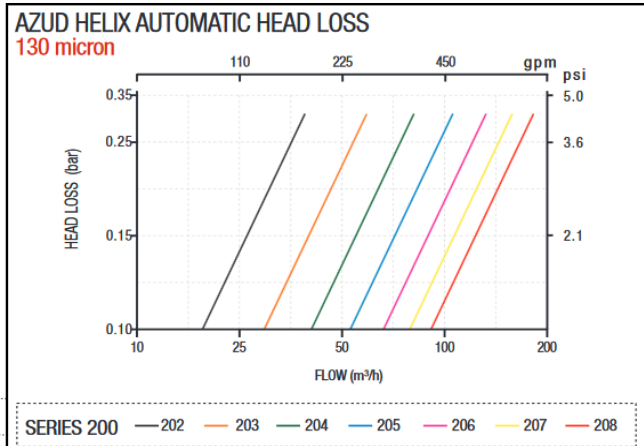
Filtration element flow will depend on water quality and filtration degree.



Model	Specifications		
	N. Filters	Manifold	Filtering Surface cm ² in ²
202/3FX	2" x 2	3" - 90 mm	2984 463
203/3FX	2" x 3	3" - 90 mm	4476 694
203/4FX	2" x 3	4" - 110 mm	4476 694
204/4FX	2" x 4	4" - 110 mm	5968 925
204/6FX	2" x 4	6" - 150 mm	5968 925
205/4FX	2" x 5	4" - 110 mm	7460 1156
205/6FX	2" x 5	6" - 150 mm	7460 1156
206/6FX	2" x 6	6" - 150 mm	8952 1388
207/6FX	2" x 7	6" - 150 mm	10444 1619
208/6FX	2" x 8	6" - 150 mm	11936 1850
208/8FX	2" x 8	8" - 200 mm	11936 1850



pH=4 • Maximum temperature 60 °C / 140 °F
Maximum pressure: Standar 10 bar / 145 psi. DLP 6 bar/ 87 psi





80mm Azud Automatic Filter banks

Please add Backflush controller separately

All Flanges are SABS 1123 Standard



Flow-m3/h 130 micron	No. of Filters	Manifold Size	Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron	Prices On Request
46	2 x 80mm	4"- 110mm Fl.	FAB23100100	FAB23100130	FAB23100200	
			-	-	-	
69	3 x 80mm	4"- 110mm Fl.	FAB33100100	FAB33100130	FAB33100200	
			-	-	-	
92	4 x 80mm	6"- 160mm Fl.	FAB43160100	FAB43160130	FAB43160200	
			-	-	-	
115	5 x 80mm	6"- 160mm Fl.	FAB53160100	FAB53160130	FAB53160200	
			-	-	-	
138	6 x 80mm	6"- 160mm Fl.	FAB63160100	FAB63160130	FAB63160200	
			-	-	-	
132 - 154	6 x 80mm	8"- 200mm Fl.	FAB63200100	FAB63200130	FAB63200200	
			-	-	-	

AZUD HELIX AUTOMATIC SERIES 200/300

BACKFLUSHING	MG/WS Disc Technology	
	Model	Standar
Minimum backflushing pressure per filter		2.8 bar
		41 psi
Minimum backflushing flow per filter		2.5 l/s
		39 gpm

Maximum flow per filtering element

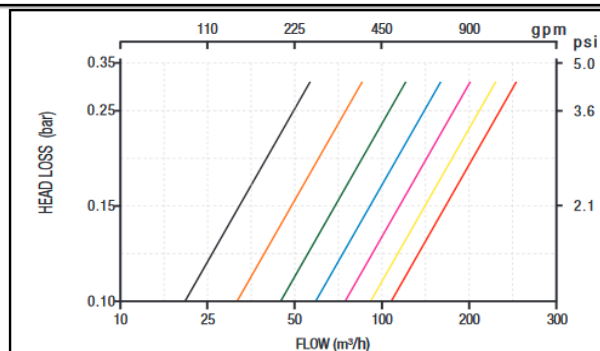
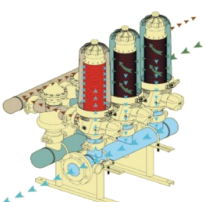
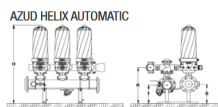
AZUD HELIX AUTOMATIC filtration surface 1620 cm²

SERIE 200/300 DLP				
Flow (m ³ /h)				
Filtration degree	Good quality	Average quality	Poor quality	Very poor quality
400	24	24	24	22
200	24	24	23	21
130	23	22	21	19
100	23	21	20	18

Filtration element flow will depend on water quality and filtration degree.

2"

3"



pH>4 • Maximum temperature 60 °C / 140 °F
Maximum pressure: Standar 10 bar / 145 psi. DLP 6 bar/ 87 psi

SERIES 300 — 302 — 303 — 304 — 305 — 306 — 307 — 308



100mm AUTOMATIC FILTER BANKS



100mm Azud Automatic Filter banks

Please add Backflush controller separately



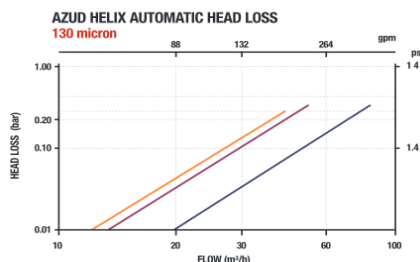
All Flanges are SABS 1123 Standard



Flow-m3/h	No. of Filters	Manifold Size	Orange Disc 100 micron	Red Disc 130 micron	Green Disc 200 micron
88 - 132	3 x 100mm	6" - 160mm Fl.	FAB34150100 -	FAB34150130 -	FAB34150200 -
132 - 176	4 x 100mm	8" - 200mm Fl.	FAB44200100 -	FAB44200130 -	FAB44200200 -
176 - 220	5 x 100mm	8" - 200mm Fl.	FAB54200100 -	FAB54200130 -	FAB54200200 -
220 - 265	6 x 100mm	10" - 250mm Fl.	FAB64250100 -	FAB64250130 -	FAB64250200 -
265 - 308	7 x 100mm	10" - 250mm Fl.	FAB74250100 -	FAB74250130 -	FAB74250200 -
308 - 352	8 x 100mm	10" - 250mm Fl.	FAB84200100 -	FAB84200130 -	FAB84200200 -

Prices
On
Request

Backflush controller Kit includes: DC Control unit, DC 2 Wire Solenoids and Build in PD Switch



pH>4 • Maximum temperature 60 °C / 140 °F
Maximum pressure: Standar 10 bar / 145 psi. DLP 6 bar/ 87 psi

Maximum flow per filtering element AZUD HELIX AUTOMATIC filtration surface 1620 cm²				
SERIE 200/300 DLP				
Flow (m³/h)				
Filtration degree	Good quality	Average quality	Poor quality	Very poor quality
400	24	24	24	22
200	24	24	23	21
130	23	22	21	19
100	23	21	20	18

Filtration element flow will depend on water quality and filtration degree.

2"

3"

AZUD HELIX AUTOMATIC	Filtering surface
2S	1492 cm² 231 in²
3N	1492 cm² 231 in²
4S	2984 cm² 463 in²

400 micron. (40 mesh)	200 micron. (75 mesh)	130 micron. (120 mesh)	100 micron. (150 mesh)
50 micron.	20 micron.	10 micron.	5 micron.

AZUD HELIX AUTOMATIC SERIES
Self Cleaning Equipments with discs filtering
element and 2" (SERIE 200), 3" (SERIE 300),
4" (SERIE 400) valves.
Easy to install. Maximum resistance and durability.





AZUD FILTERS LCA

LUXONAZUD

LUXON HYDRAULIC Automatic Screen Filters

Series LUXON LCA HYDRAULIC

Code	Filter	Surface Area	Max Flow	Price
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FALCA16003***	80mm Azud LUXON LCA 1600/3	1600 cm ²	see below	POR
FALCA24004***	100mm Azud LUXON LCA 2400/4	2400 cm ²	see below	POR
FALCA48006***	150mm Azud LUXON LCA 4800/6	4800 cm ²	see below	POR

			Caudal (m³/h)				
Model	Disposition	Surface (cm²)	Good quality	Average quality	Poor quality	Very poor quality	Max. flow
LCA 900/2	Vertical	910	25	18	15	12	25
LCA 900/3	Vertical	910	25	18	15	12	50
LCA 1600/3	Vertical	1600	45	33	25	20	50
LCA 1600/4	Vertical	1600	45	33	25	20	80
LCA 2400/4	Vertical	2400	70	48	38	30	80
LCA 4800/6	Vertical	4800	120	90	70	60	150
LCA 7200/6	Vertical	7200	150	140	110	85	150
LCA 7200/8	Vertical	7200	200	140	110	85	260

*All above include 12VDC Controller and PD switch - 125 Micron screen size

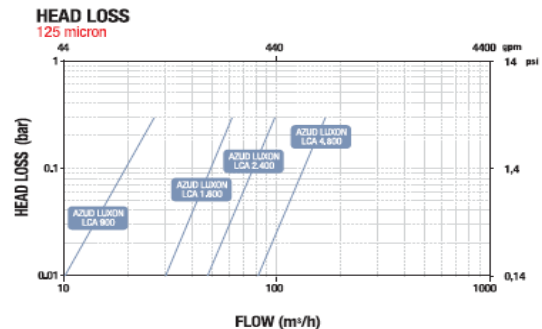
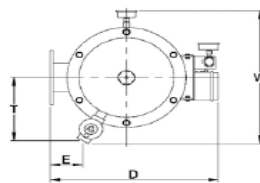
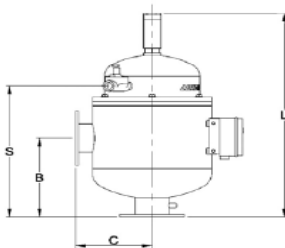
Available Screen Options - 80,100,125,200,300,500,1000 Micron

Series LUXON LCA HYDRAULIC

Performance

Model	CONNECTION		FILTRATION				FLUSHING CYCLE				
	Inlet - Outlet Flange		Filtering Surface		Max flow		Flow rate		Time	Volume	
	"	mm	cm ²	in ²	m ³ /h	gpm	l/s	gpm	s	l	g
AZUD LUXON LCA 900/2	2"	50	910	140	25	110	0,7	11	8	5	1,3
AZUD LUXON LCA 900/3	3"	80	910	140	50	220	0,7	11	8	5	1,3
AZUD LUXON LCA 1600/2	2"	50	1,600	250	25	110	0,8	13	15	12,5	3,3
AZUD LUXON LCA 1600/3	3"	80	1,600	250	50	220	0,8	13	15	12,5	3,3
AZUD LUXON LCA 1600/4	4"	100	1,600	250	80	350	0,8	13	15	12,5	3,3
AZUD LUXON LCA 2400/4	4"	100	2,400	370	80	350	0,8	13	18	15,5	4,1
AZUD LUXON LCA 4800/6	6"	150	4,800	745	150	660	2,5	40	20	53	14,0

The flow rate given by filter conditions the frequency of the flushing activation.
Maximum recommended flow rate: 125 micron and water good quality.
Min. flushing pressure: 2,5 bar / 36,3 psi in outlet manifold.
Ask for other filtration grades.



**LUXON MFH HYDRAULIC AUTOMATIC SCREEN FILTERS****Series LUXON MFH HYDRAULIC**

Code	Filter	Surface Area	Flow - m ³ /h	Price
FALFH48004***	100mm Azud LUXONMFH 4800/4	4800 cm ²	80 m ³ /h	POR
FALFH72006***	150mm Azud LUXONMFH 7200/6	7200 cm ²	150 m ³ /h	POR
FALFH96008***	200mm Azud LUXON MFH 9600/8	9600 cm ²	300 m ³ /h	POR
FALFH120010***	250mm Azud LUXON MFH 12000/10	12000 cm ²	500 m ³ /h	POR



Model	Disposition	Surface (cm ²)	Caudal (m ³ /h)				
			Good quality	Average quality	Poor quality	Very poor quality	Max. flow
MFH 2400/4	Horizontal	2450	70	48	38	30	80
MFH 4800/4	Horizontal	4800	80	75	70	60	80
MFH 4800/6	Horizontal	4800	120	90	70	60	150
MFH 7200/6	Horizontal	7200	150	140	110	85	150
MFH 7200/8	Horizontal	7200	200	140	110	85	260
MFH 9600/8	Horizontal	9600	250	180	145	120	260
MFH 9600/10	Horizontal	9600	275	190	145	120	435
MFH 12000/10	Horizontal	12000	300	230	180	150	435
MFH 12000/12	Horizontal	12000	350	230	180	150	560

Filtration element flow will depend on water quality and filtration degree.

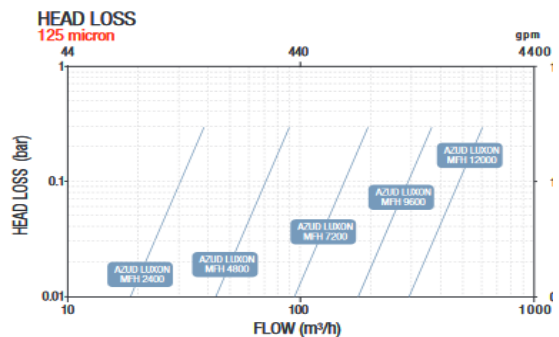
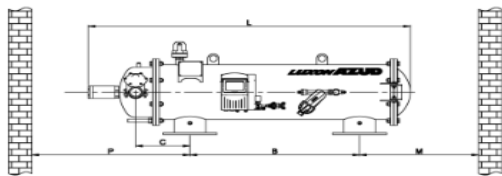
*All above include Controller and PD switch - 125micron screen size

Available Screen Options - 50,80,100,125,200,300,500,1000 Micron

Series LUXON MFH HYDRAULIC

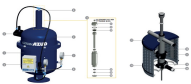
Model	CONNECTION		FILTRATION				FLUSHING CYCLE			
	Inlet - Outlet Flange		Filtering Surface		Max flow		Flow rate		Time	Volume
	"	mm	cm ²	in ²	m ³ /h	gpm	l/s	gpm	s	l
AZUD LUXON MFH 2400 M/4	4"	100	2400	370	80	350	0.8	13	18	15.5
AZUD LUXON MFH 4800 M/6	6"	150	4800	745	150	660	1.4	22	25-30	45
AZUD LUXON MFH 7200 M/6	6"	150	7200	1115	150	660	3.3	53	25-30	100
AZUD LUXON MFH 7200 M/8	8"	200	7200	1115	260	1145	3.3	53	25-30	100
AZUD LUXON MFH 9600 M/8	8"	200	9600	1490	300	1320	5.3	84	25-30	160
AZUD LUXON MFH 12000 M/10	10"	250	12000	1860	435	1915	6.4	101	25-30	215

The flow rate given by filter conditions the frequency of the flushing activation.
Maximum recommended flow rate: 125 micron and water good quality.
Min. flushing pressure: 2.5 bar / 36.3 psi in outlet manifold.
Ask for other filtration grades.





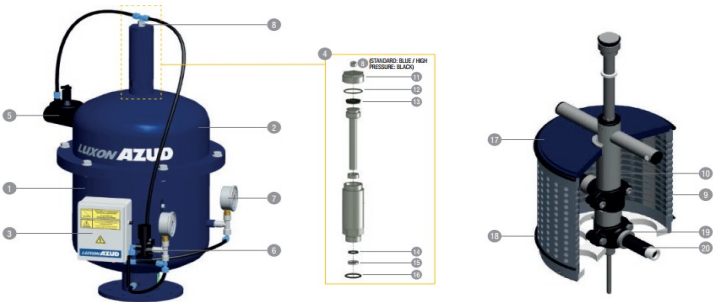
LUXON SPARE PARTS



LUXON SERIES SCREEN ELEMENT		CODE
	LUXON LCA 900 cm2 Screen Element only	FSL900***S
	-	-
	LUXON LCA 1600 cm2 Screen Element only	FSL1600***S
	-	-
	LUXON LCA 2400 cm2 Screen Element only	FSL2400***S
	-	-
	LUXON LCA/MFH 4800 cm2 Screen Element only	FSL4800***S
	-	-
	LUXON MFH 7200 cm2 Screen Element only	FSL7200***S
	-	-
	LUXON MFH 9600 cm2 Screen Element only	FSL9600***S
	-	-
	LUXON MFH 12000 cm2 Screen Element only	FSL12000***S
	-	-

SPARES		CODE
  	NOZZLE FOR SCANNER	FSLFHN
	-	-
	SADDLE FOR SCANNER	FSLFSA
	-	-
	O-RING FOR SCREEN	FSLFHOS
	-	-

LCA MODEL -



MFH MODEL -



INOVATO VALVES





Description	Basic Valve	Vlv + Sagiv	24VAC Sol	24VAC Sol + Sagiv	Sagiv + PRV	Sagiv + PRV + 24VAC Sol
	Brass Sagiv	INV40SAGB		INV40SAGBSA	INV40SAGBPR	INV40SAGBSAPR
	INV 40	R 1 280.00	INV40SA	R 1 980.00	R 1 580.00	R 2 200.00
		R 1 000.00	INV40SAGP	R 1 660.00	INV40SAGPPR	INV40SAGPSAPR
	Plastic Sagiv	R 1 580.00		R 2 280.00	R 1 880.00	R 2 500.00
	Brass Sagiv	INV50SAGB		INV50SAGBSA	INV50SAGBPR	INV50SAGBSAPR
	INV 50	R 1 642.00	INV50SA	R 2 315.00	R 2 010.00	R 2 600.00
		R 1 360.00	INV50SAGP	R 1 990.00	INV50SAGPPR	INV50SAGPSAPR
	Plastic Sagiv	R 1 942.00		R 2 615.00	R 2 310.00	R 2 900.00
	Brass Sagiv	INV65SAGB		INV65SAGBSA	INV65SAGBPR	INV65SAGBSAPR
	INV 65	R 3 200.00	INV65SA	R 3 840.00	R 3 500.00	R 4 090.00
		R 2 900.00	INV65SAGP	R 3 550.00	INV65SAGPPR	INV65SAGPSAPR
	Plastic Sagiv	R 3 500.00		R 4 100.00	R 3 800.00	R 4 390.00
	Brass Sagiv	INV80SAGB		INV80SAGBSA	INV80SAGBPR	INV80SAGBSAPR
	INV 80	R 3 200.00	INV80SA	R 3 840.00	R 3 500.00	R 4 090.00
		R 2 900.00	INV80SAGP	R 3 550.00	INV80SAGPPR	INV80SAGPSAPR
	Plastic Sagiv	R 3 500.00		R 4 100.00	R 3 800.00	R 4 390.00
Mechanical Throttle addon - T		40mm - R250.00	50mm - R352.00	65mm + 80mm - R540.00		

TECHNICAL DETAIL:

TYPE

Size	1-1/2-inch, DN40
Inlet Size	Female Thread, NPT/BSPT
Material	Nylon PA66

OPTIMAL PERFORMANCE

Max. Flow	21 m³/h	92 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max. Temp	60 °C	140 °F

TYPE

Size	2-inch, DN50
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE

Max. Flow	60 m³/h	264 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max. Temp	60 °C	140 °F

TYPE

Size	2.5-inch, DN65
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE

Max. Flow	65 m³/h	286 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max. Temp	60 °C	140 °F

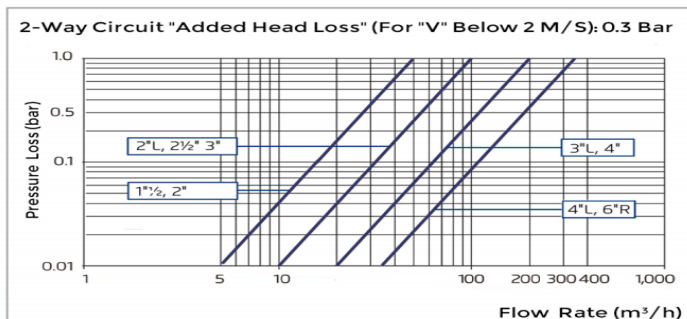
TYPE

Size	3-inch, DN80
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE

Max. Flow	70 m³/h	308 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max. Temp	60 °C	140 °F

Flow Chart




INOVATO

Hydraulic Valves - Flanged

Description		Basic Valve	Vlv + Sagiv	24VAC Sol	24VAC Sol + Sagiv	Sagiv + PRV	Sagiv + PRV + 24VAC Sol	
3 inch 	80mm Flanged	Brass Sagiv	INV80FSAGB	INV80FSA	INV80FSAGBSA	INV80FSAGBPR	INV80FSAGBSAPR	
		INV 80F	R 3 680.00		R 4 380.00	R 3 980.00	R 4 600.00	
		R 3 400.00	INV80FSAGP		R 4 060.00	INV80FSAGPSA	INV80FSAGPPR	INV80FSAGPSAPR
		Plasic Sagiv	R 3 980.00		R 4 680.00	R 4 280.00	R 4 900.00	
4 inch 	100mm Flanged	Brass Sagiv	INV100FSAGB	INV100FSA	INV100FSAGBSA	INV100FSAGBPR	INV100FSAGBSAPR	
		INV 100F	R 4 280.00		R 4 980.00	R 4 580.00	R 5 200.00	
		R 4 000.00	INV100FSAGP		R 4 660.00	INV100FSAGPSA	INV100FSAGPPR	INV100FSAGPSAPR
		Plasic Sagiv	R 4 580.00		R 5 280.00	R 4 880.00	R 5 500.00	
5 inch 	125mm Flanged	Available on Request						
6 inch 	150mm Flanged	Available on Request						
Mechanical Throttle addon		80mm + 100mm - R 650.00			125mm + 150mm - N/A			

Technical Detail

TYPE	
Size	3-½-inch, DN80
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	100 m³/h	440 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F

TYPE	
Size	4-inch, DN100
Inlet Size	Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	100 m³/h	440 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F

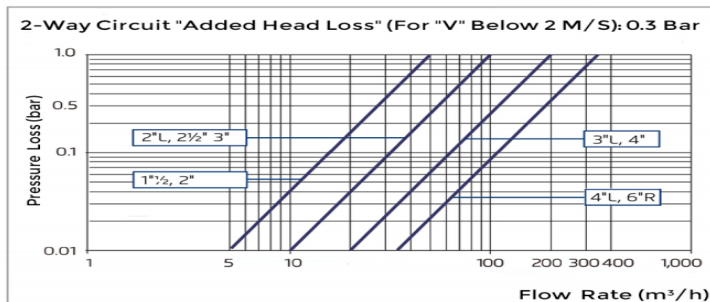
TYPE	
Size	5-inch, DN125
Inlet Size	Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	125 m³/h	550 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F

TYPE	
Size	6-inch, DN150
Inlet Size	Flanged
Material	Nylon PA66

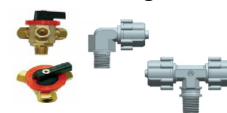
OPTIMAL PERFORMANCE		
Max.Flow	210 m³/h	924 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F

Flow Chart



4 inch





	Code	Description	Price
	YT-1"-210-I-BP-2W-4AC-B4	25mm Electric valve with Throttle	R 315.00
	Not in Stock	40mm Electric valve with Throttle	R450.00
	Not in Stock	50mm Electric valve with Throttle	R 520.00
	RF818C	Tube 8 x 1/8 mm Coupler	R 11.50
	RF814C	Tube 8 x 1/4 mm Coupler	R 11.50
	RF818E	Tube 8 x 1/8 mm Elbow	R 12.50
	RF814E	Tube 8 x 1/4 mm Elbow	R 12.50
	RF818T	Tube 8 x 1/8 mm Tee	R 18.50
	RF88818P	Tube 8 x 8 x 8 x 1/8 mm Sagiv	R 215.00
	RF88814P	Tube 8 x 8 x 8 x 1/4 mm Sagiv	R 215.00
	RFMTS	Mechanical Throttle - Small	R 250.00
	RFMTM	Mechanical Throttle -Medium	R 352.00
	RFMTL	Mechanical Throttle - Large	R 580.00
	RF1418FP	Plastic 1/4 x 1/8 mm Long Finger Filter	R 48.00
	RF1414FP	Plastic 1/4 x 1/8 mm Short Finger Filter	R 45.00
	RF24AC3NOB	Solenoid 24VAC 3Way NO + Base	R 700.45
	RF24AC3NCB	Solenoid 24VAC 3Way NC + Base	R 700.45
	RF12DC32WBO	Solenoid 12DC NO 3Way 2 Wire + Base	R 1 023.86
	RFPRV	Plastic Pilot Pressure Regulating	R 784.75
	RTC800	8mm x 800 meter Control tube	R 2 400.00
	RTC100	8mm x 100 meter Control tube	R 300.00



AUTOMATIC AIRVALVES PRICING



Hidroconta Automatic Air Release Valve (Tripple Effect) Max Press 16 Bar



3004090251351

25MM

-

R 650.00

AZUD Automatic Air Release Valve (Double Effect) Max Press 16 Bar



AAV25D

25MM

-

R 420.00



AAV50D

50mm

32mm

R 780.00

Hidroconta Automatic Air Release Valve (Tripple Effect) Max Press 16 Bar



3004090501351

50MM

1¼" (32mm)

R 1 300.00



AUTOMATIC 1" - 3/4" - 1/2"

Disassembly

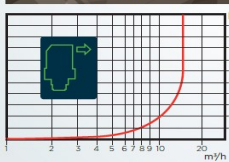
Parts	Components	Material
1	Base	Polyamide with fiberglass
2	O-ring	NBR
3	Float	Polypropylene
4	Body	Polyamide with fiberglass
5	Valve seal	EPDM

Dimensions

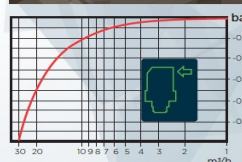
Dimensions	1"	3/4"	1/2"
H	136 mm	115 mm	115 mm
W	86 mm	59 mm	59 mm
D	BSP 1" male	BSP 3/4" male	BSP 1/2" male
A	25 mm ³	25 mm ³	25 mm ³
Weight	0.31 kg	0.14 kg	0.14 kg

Service pressure: PN16

Air discharge



Air intake



AUTOMATIC 2"

Disassembly

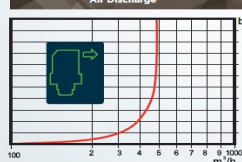
Parts	Components	Material
1	Base	Polyamide with fiberglass
2	O-ring	NBR
3	Body	Polyamide with fiberglass
4	Kinetic float	Polypropylene
5	Automatic seal	EPDM
6	Automatic float	Polyamide with fiberglass
7	Kinetic seal	EPDM

Dimensions

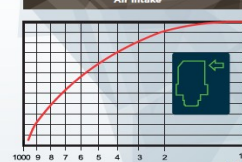
Dimensions	2"
H	245 mm
W	103 mm
D	BSP 2" male
A	85 mm ³
Weight	0.76 kg

Service pressure: PN16

Air Discharge



Air Intake



PREPACKS PRODUCTS



Danamix
WATER SOLUTIONS

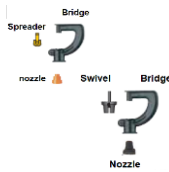


PRE-PACK PRODUCTS



GREENFINGERS

CODE	F5 Complete Sprinkler with Spreader and Nozzle	Quantities	PRICE
	GMF5030205 PP - (Q 5) F5 SPRINKLER GREY NOZZ & SPR 90 DEG BLACK	5	R 15.95
	GMF5030305 PP - (Q 5) F5 SPRINKLER GREY NOZZ & SPR 180 DEG RED	5	R 15.95
	GMF5030505 PP - (Q 5) F5 SPRINKLER GREY NOZZ & SPR BLUE STRIP	5	R 15.95
	GMF5030605 PP - (Q 5) F5 SPRINKLER GREY NOZZ & SPR ORANGE SHORT	5	R 15.95
	GMF5030705 PP - (Q 5) F5 SPRINKLER GREY NOZZ & SPR YELLOW FLAT	5	R 15.95
	GMF5030210 PP - (Q 10) F5 SPRINKLER NOZZ GREY & SPR 90 DEG BLACK	10	R 24.95
	GMF5030310 PP - (Q 10) F5 SPRINKLER NOZZ GREY & SPR 180 DEG RED	10	R 24.95
	GMF5030510 PP - (Q 10) F5 SPRINKLER NOZZ GREY & SPR BLUE STRIP	10	R 24.95
	GMF5030610 PP - (Q 10) F5 SPRINKLER NOZZ GREY & SPR ORANGE SHORT	10	R 24.95
	GMF5030710 PP - (Q 10) F5 SPRINKLER NOZZ GREY & SPR YELLOW FLAT	10	R 24.95
CODE	F5 Complete Sprinkler with Swivel and Nozzle	Quantities	PRICE
	GMF5031210 PP - (Q 10) F5 SPRINKLER GREY NOZZ & SWIV ORANGE	10	R 29.95
	GMF5031610 PP - (Q 10) F5 SPRINKLER GREY NOZZ & SWIV YELLOW	10	R 25.95
	GMF5031710 PP - (Q 10) F5 SPRINKLER GREY NOZZ & SWIV BLUE	10	R 25.95
	GMF5030910 PP - (Q 10) F5 SPRINKLER GREY NOZZ & SWIV BLACK	10	R 25.95
CODE	F5 Sprinklers With Peg & Tube Combinations	Quantities	PRICE
	GMFLTS PP - F5 (Q 1) TUBE & PEG LOCK BUTTERFLY	1	R 7.95
	GMF5PFTS10 PP - F5 (Q 10) TUBE & PEG LOCK BUTTERFLY	10	R 69.95
	GMF50303TP10 PP - F5 (Q 10) TUBE & PEG & MICRO NOZZ GREY & SPR 180 DEG RED	10	R 89.95
	GMF50309TP10 PP - F5 (Q 10) TUBE & PEG & MICRO NOZZ GREY & SWIV BLACK	10	R 89.95
CODE	F5 Sprinkler Accessories	Quantities	PRICE
	GMF104747A PP - (Q 10) ADAPTOR BARBED 4/7MM	10	R 7.85
	GMF204747A PP - (Q 20) ADAPTOR BARBED 4/7MM	20	R 12.95
	GMF104747C PP - (Q 10) CROSS 4/7MM	10	R 34.15
	GMF104747E PP - (Q 10) ELBOW 4/7MM	10	R 34.15
	GMF104747T PP - (Q 10) TEE 4/7 MM BARBED	10	R 34.15
	GMF1047PL PP - (Q 10) PLUG 4/7	10	R 6.95
	GMF2047PL PP - (Q 20) PLUG 4/7MM	20	R 9.95
	GMF547LBF PP - F5 (Q 10) BUTTERFLY LOCK 4/7MM	10	R 9.95
	GMF47VP2 PP - (Q 2) VALVE BARBED 4/7MM	2	R 49.95



PRE-PACK PRODUCTS



GREENFINGERS

CODE	F4 Complete Sprinkler with Spreader and Nozzle	Quantities	PRICE
 GMDN0302Q10	PP - DAN (Q 10) DAN SPR 90* BLACK / GREY NOZZ	10	R 24.95
 GMDN0303Q10	PP - DAN (Q 10) DAN SPR 180* RED/GREY NOZZ	10	R 24.95
 GMDN0305Q10	PP - DAN (Q 10) DAN SPR BLUE STRIP / GREY NOZZ	10	R 24.95
 GMDN0306Q10	PP - DAN (Q 10) DAN SPR ORANGE / GREY NOZZ	10	R 24.95
 GMDN0307Q10	PP - DAN (Q 10) DAN SPR YELLOW / GREY NOZZ	10	R 24.95
CODE	F4 Complete Sprinkler with Swivel and Nozzle	Quantities	PRICE
 GMDN0309Q10	PP - DAN (Q 10) DAN SWIV BLACK / GREY NOZZ	10	R 25.95
 GMDN0509Q50	PP - DAN (Q 50) DAN SWIV BLACK / GREEN NOZZ	50	R 115.95
 GMDN0609Q50	PP - DAN (Q 50) DAN SWIV BLACK / ORANGE NOZZ	50	R 115.95
 GMDN0709Q50	PP - DAN (Q 50) DAN SWIV BLACK / YELLOW NOZZ	50	R 115.95
CODE	F4 Sprinklers With Peg & Tube Combinations	Quantities	PRICE
 GMDNPFTS	F4 (DAN) TUBE & PEG 600MM	1	R 7.95
GMDNPFTS10	PP - DAN (Q 10) F4 TUBE & PEG DAN BUTTERFLY	10	R 69.95
 GMDN0302TP10	PP - DAN (Q 10) F4 SPR 90* BLACK / GREY NOZZ / TUBE / PEG	10	R 89.95
GMDN0303TP10	PP - DAN (Q 10) F4 SPR 180* RED / GREY NOZZ / TUBE / PEG	10	R 89.95
GMDN0305TP10	PP - DAN (Q 10) F4 SPR BLUE STRIP / GREY NOZZ / TUBE / PEG	10	R 89.95
GMDN0306TP10	PP - DAN (Q 10) F4 SPR ORANGE / GREY NOZZ / TUBE / PEG	10	R 89.95
GMDN0307TP10	PP - DAN (Q 10) F4 SPR YELLOW / GREY NOZZ / TUBE / PEG	10	R 89.95
GMDN0309TP10	PP - DAN (Q 10) F4 SWIV BLACK / GREY NOZZ / TUBE / PEG	10	R 89.95
CODE	Other Accessories	Quantities	PRICE
 GMFTC10	PP - (Q 1) TUBE 4/7 X 10M COIL	1	R 29.95
 GMFP351	PP - (Q 1) PUNCH 3/5 - 2.0MM	1	R 99.95
 GMFP471	PP - (Q 1) PUNCH 4/7 - 3.0MM	1	R 89.95
GMFDB0405	PP - (Q 5) BUTTON DRIPPER PC 4.0L/H GREEN	5	R 24.95
GMFDB0805	PP - (Q 5) BUTTON DRIPPER PC 8.0L/H RED	5	R 24.95
 GMFDB20PCL	PP - (Q 10) BUTTON DRIPPER PC LIGHT 2.0 LPH	10	R 39.95
 GMFDB20PLPT5	PP - (Q 5) DRIPPER PC LIGHT 2.1L/H & TUBE & BARPEG	5	R 39.95



IRRICAD™ 22

Latest upgrade now available

Benefits Include

Advanced Analysis for Tapes | Comprehensive Flushing Analysis | Automated Insertion of Table Reports | Automatic Mainline Segmentation | Create Blocks from Multiple Polygons | Customizable Management Symbol Properties | Persistent Object Info Panel | Plot Legend Customizations

Available for lease or purchase

www.rricad.com



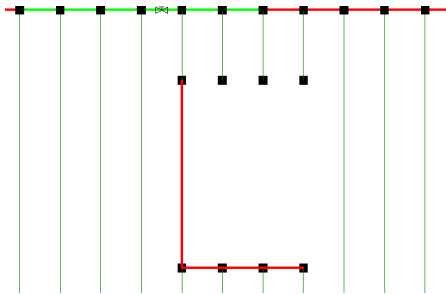
*Box for illustrative purposes only

IRRICAD™ 22 is now available

Featuring new functions for improved user experience

Analyze Looped, Branched, and Telescoping Tapes

Fully analyze tape systems with flushing manifolds or multiple submains. Design and analyze zones containing branched and telescoping tapes.



Comprehensive Flushing Analysis

Account for the effect of manifolds when analyzing tape systems under flushing conditions. Flush assemblies attached to manifolds are automatically treated as outlets for both Tape and Sprayline zones.

Automated Insertion of Table Reports

Streamline the addition of tabular information to designs with new style Table reports. These retain their connection to the template used and can be updated with any revised design or fittings selection information with the click of a button.

Zone Name	Area (Ha)	Valve	Flow (m3/h)	Required Pressure (m)	Min Pressure (m)	Max Pressure (m)	Mean Flow (lpm)	Flow Var. (%)
B-B	10.92	100mm (VA1)	78.06	20.00	13.18	18.91	0.03	0.0
B-C	10.48	100mm (VA1)	74.72	19.00	13.48	18.97	0.03	0.0
Total Area:	21.38	(Ha)						

Automatic Mainline Segmentation

Improve hydraulic analysis and reporting for mainlines on steep terrain by automatically adding permanent junctions. This allows multiple pipe sizes to be automatically selected to allow for topography and pressure requirements.

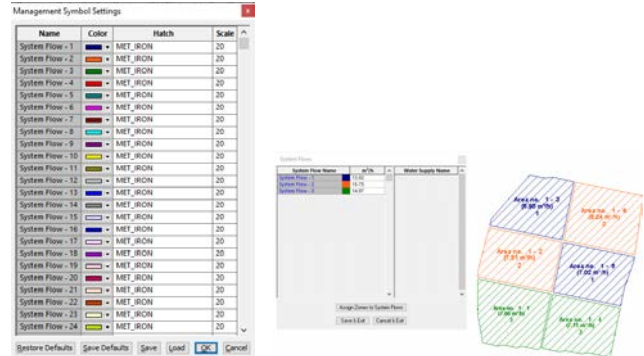
Create Blocks from Multiple Polygons

Create Irrigation blocks from multiple polygons in a single action.

A screenshot of the 'Mainline Pipe' dialog box in IRRICAD. The dialog has several sections: 'Drawing Properties' with 'Layer' set to '<DEFAULT>' and 'Line width' set to 3; 'Pipe Properties' with 'Computer Selected' selected, 'Computer Sized' and 'Permanent Junctions' checked, 'Depth' set to 0 mm, 'Scope' set to 'Design + BQM', and 'Submain Min Pressure' set to 0 m; and 'Options' with 'Segment' checked and a value of 6 m entered. There are 'OK', 'Cancel', 'Settings', and 'Attributes' buttons at the bottom.

Customizable Management Symbol Properties

Customize the color range and hatch patterns used to identify system flows in the management tool.



A color key is also integrated into the graphical management dialog.

Persistent Object Info Panel

Quickly view hydraulic and other information for a single selected item in a persistent Object Info panel. The panel may be docked or floating.

Plot Legend Enhancements

New options have been added to enhance plot legends:-

- Include only visible items in legends
- Optionally add riser information to outlet entries
- Use Database Labels rather than Descriptions
- And more

Additional Features

- Halt time consuming design processes and revert all data back to the previous state.
- Current row highlighted when editing the Zone Design Configuration Table.
- Additional data fields for report templates.
- DBS5 3022 error fixed.
- And more...

Upgrade Pricing

Contact your IRRICAD distributor for local pricing.

Each purchase of IRRICAD 22 entitles the customer to receive free priority support for 12 months and patch releases for Version 22.

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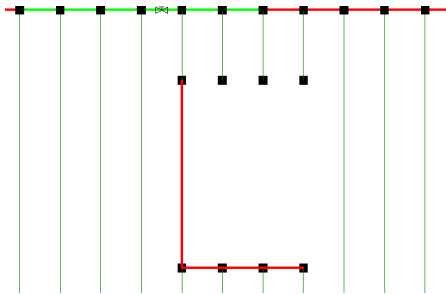
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Total Area:	21.38	(Ha)						

Automatic Mainline Segmentation

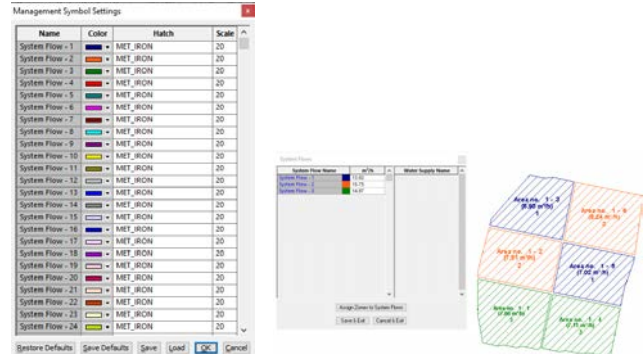
Improve hydraulic analysis and reporting for mainlines on steep terrain by automatically adding permanent junctions. This allows multiple pipe sizes to be automatically selected to allow for topography and pressure requirements.

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- And more...

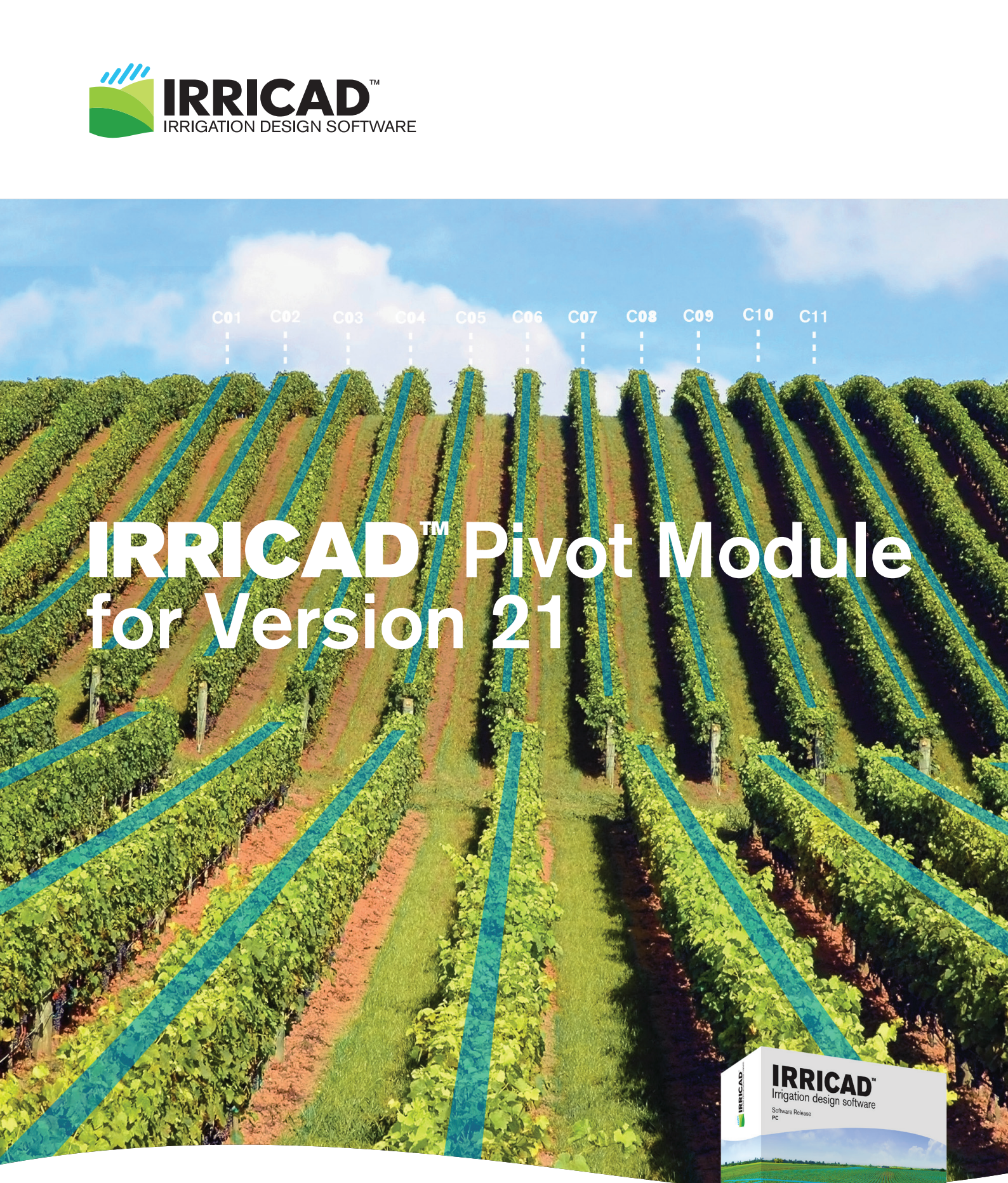
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IRRICAD™ Pivot Module for Version 21

Introducing the Pivot Module for IRRICAD

Determine Pivot Pressure and Flow Requirements |
Represent Pivots Graphically | Specify Required Parameters |
Pivot Design Reports | Pivot Maps

Available for lease or purchase with an IRRICAD licence.

www.rricad.com



*Box for illustrative purposes only

IRRICAD™ Pivot for V21 Standalone & Link

Featuring new functions for improved user experience

Pivot Module

A companion product has been developed to include the theoretical design and analysis of center pivots. This module is an add-on to IRRICAD Version 21.

Create Pivot Visuals

Create full or part circle center pivots in an IRRICAD design complete with wheel tracks and pivot arm with the click of a button.



Pivot Specifications

Specify the required spans, minimum outlet pressure, and application requirements in a comprehensive but easy-to-use dialog.

Arm R 1246.69 ' A 112.092 acres Nominal length 1312.34 ' Extra length 65 ' Wet R 1377.92 ' A 141.216 acres Friction HL 3.81209 psi

#	Span	Length (')	Actual (')	Nominal (')	Spacing (')	Height (')	Outlets (')	HWC
9	168mm Span	131.23	6.3780	6.6142	4.9213	7.8740	5.2493	130.0
1	127mm Overhang	65.617	4.7638	5.0000	4.9213	7.8740	5.2493	130.0
*								

Pivot | Requirements | Spans

OK Cancel Settings Attributes

Application rate 4 mm/d W/et area 58.7687 Ha Operating time 24 hrs Flow 97.9479 m³/h Efficiency 100 % Friction HL 2.8769 m Regulator pressure 15 m Pivot pressure 17.8769 m

Equipment Water supply ☒ Pivot no. 1 Miscellaneous head losses 0 m Pump No component selected Pivot Cost Wholesale 3000 Valve No component selected Retail 5000 Booster pump No component selected Booster position 0 m

Pivot | Requirements | Spans

OK Cancel Settings Attributes

An exclusive water source and pumps can also be created for the pivot if required.

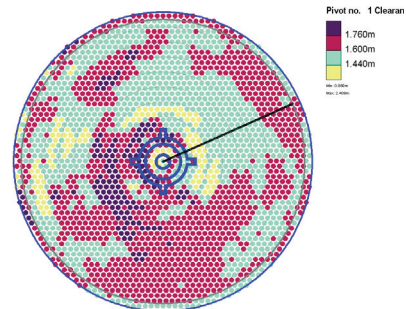
Pivot Design

Determine the pressure and flow requirements of the pivot based on your specifications. Analyze and display reports on the current position of the pivot arm. This can easily be moved to see the results in different positions.

Pivot no. 2									
Flow: 136.94 (m³/h)		Arc: 178.15 (°)		Length: 733.00 (m)		Outlet Diameter: 10.00 (m)			
Pressure: 21.80 (m)		Area: 83.53 (Ha)		Application Rate: 4.00 (mm/d)					
Pivot no. 2 Span Configuration									
#	Description	Length (m)	Area (Ha)	Nominal (mm)	Flow (m³/h)	Velocity (m/s)	Head Loss (m)	A.A.R. (mm/h)	
1	168mm Span	40.00	0.25	162	136.94	0.41	1.84	0.77	2.15
2	168mm Span	40.02	0.75	162	136.53	1.24	1.83	-0.16	4.30
3	168mm Span	40.00	1.24	162	135.28	2.07	1.81	0.95	6.45
4	168mm Span	40.00	1.74	162	133.21	2.90	1.78	0.79	8.59
5	168mm Span	40.00	2.24	162	130.31	3.73	1.73	0.77	10.74
6	168mm Span	40.00	2.74	162	126.58	4.56	1.68	0.73	12.89
7	168mm Span	40.00	3.23	162	122.02	5.39	1.61	0.66	15.04
8	168mm Span	40.00	3.73	162	116.63	6.22	1.53	0.42	17.19
9	168mm Span	40.01	4.23	162	110.41	7.05	1.44	-0.16	19.34
10	168mm Span	40.01	4.73	162	103.36	7.88	1.34	0.36	21.48
11	168mm Span	40.00	5.22	162	95.48	8.71	1.23	0.02	23.63
12	168mm Span	40.02	5.72	162	86.78	9.54	1.11	-0.89	25.78
13	168mm Span	40.02	6.22	162	77.24	10.36	0.97	-1.05	27.93
14	168mm Span	40.02	6.72	162	66.88	11.19	0.83	-0.97	30.08
15	168mm Span	40.02	7.21	162	55.68	12.02	0.67	-1.14	32.23
16	168mm Span	40.01	7.71	162	43.66	12.85	0.50	-0.70	34.37
17	168mm Span	40.04	8.21	162	30.81	13.68	0.32	-1.78	36.52
18	168mm Span	40.02	8.71	162	17.13	17.13	0.13	-1.12	38.67

Pivot Maps

Additional graphical maps have been included to display pivot-specific information such as track gradient, span angle, pivot arm twist, and outlet ground clearances.



Additional Features

- A new "Circle Seed" tool creates the largest circle possible within another closed object, which can be useful for specifying the location and size of a center pivot.
- Zone Pumps can now be placed either manually from the zone menu, or specified on the pivot arm via the Pivot dialog.

Upgrade Pricing

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Contact Us

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