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AG SPRINKLERS



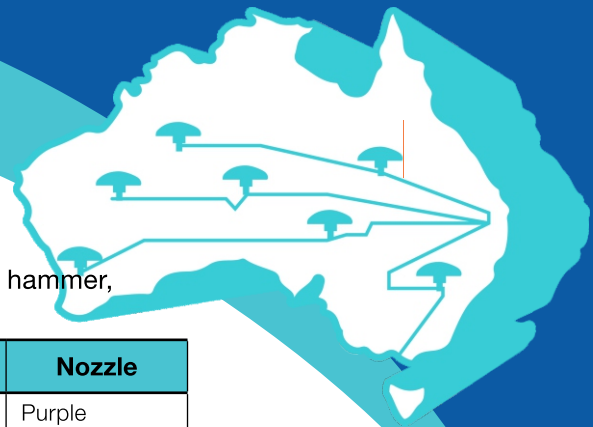


SPRINKLERS

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1/2" PLASTIC SPRINKLER



5022SD-U

1/2" Male, plastic sprinkler with super diffuser blue (SD) hammer, low flow bayonet nozzles, red sleeve



Code	Description	Nozzle
51527011	5022SD-U with 2.5mm nozzle	Purple
51527021	5022SD-U with 2.8mm nozzle	Orange
51529131	5022SD-U with 2.5 x 1.8mm nozzles	Purple/Green
51529151	5022SD-U with 2.8 x 1.8mm nozzles	Orange/Green

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
2.5 Purple	1.5	310	19
	2.0	360	19
	2.5	400	20
	3.0	440	21
	3.5	475	21
	4.0	510	21
2.8 Orange	1.5	405	19
	2.0	475	21
	2.5	530	22
	3.0	580	22
	3.5	625	22
	4.0	670	23

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
2.5 x 1.8 Purple	1.5	440	18
	2.0	480	19
	2.5	535	21
	3.0	590	21
	3.5	635	21
	4.0	685	21
2.8 x 1.8 Orange	1.5	510	19
	2.0	560	20
	2.5	635	21
	3.0	690	22
	3.5	750	23
	4.0	800	22

5022SD

1/2" Male, plastic sprinkler with super diffuser (SD) hammer, bayonet nozzles, black sleeve



Code	Description	Nozzle
51527031	5022SD with 3.0mm nozzle (black SD)**	Red
51527041	5022SD with 3.2mm nozzle (black SD)**	Green
51527051	5022SD with 3.5mm nozzle (black SD)**	Blue
51527061	5022SD with 4.0mm nozzle (black SD)**	Black
51527231	5022SD with 3.0 x 1.8mm nozzles (blue SD)	Red/Green
51527241	5022SD with 3.2 x 1.8mm nozzles (blue SD)	Green/Green
51527251	5022SD with 3.5 x 1.8mm nozzles (blue SD)	Blue/Green
51527261	5022SD with 4.0 x 1.8mm nozzles (blue SD)	Black/Green

**do not interchange nozzle with dual jet versions

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.0 Red	2.5	570	21
	3.0	630	22
	3.5	680	23
	4.0	720	23
3.2 Green	2.5	640	21
	3.0	700	22
	3.5	760	23
	4.0	810	23
3.5 Blue	2.5	740	23
	3.0	810	23
	3.5	870	24
	4.0	930	25
4.0 Black	2.5	950	23
	3.0	1,030	24
	3.5	1,110	25
	4.0	1,180	26

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.0 x 1.8 Red	2.5	760	21
	3.0	840	22
	3.5	900	23
	4.0	970	22
3.2 x 1.8 Green	2.5	820	21
	3.0	900	22
	3.5	980	23
	4.0	1,040	23
3.5 x 1.8 Blue	2.5	890	23
	3.0	990	23
	3.5	1,060	24
	4.0	1,150	24
4.0 x 1.8 Black	2.5	1,100	24
	3.0	1,220	25
	3.5	1,330	25
	4.0	1,430	26

1/2" PLASTIC SPRINKLER



5022

1/2" Male, plastic sprinkler with bayonet nozzles



Code	Description	Nozzle
5152706	5022 with 4.0 nozzle	Black
5152716	5022 with 4.0 x 2.5mm nozzles	Black/Grey

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
4.0 Black	2.0	850	23
	3.0	1,030	26
	4.0	1,180	25

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
4.0 x 2.5 Black	2.0	1,170	23
	3.0	1,455	25
	4.0	1,680	26

5022SD-PC

1/2" Male, plastic part circle sprinkler with super diffuser (SD) hammer and bayonet nozzles



Code	Description	Nozzle
515270119*	5022SDU-PC with 2.5mm nozzle	Purple
515270219*	5022SDU-PC with 2.8mm nozzle	Orange
515270319	5022SD-PC with 3.0mm nozzle	Red
515270419	5022SD-PC with 3.2mm nozzle	Green

*Red Sleeve Sprinkler

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
2.5 Purple	2.0	375	20
	2.5	420	21
	3.0	460	21
	3.5	490	22
	4.0	525	22
2.8 Orange	2.0	475	22
	2.5	530	22
	3.0	580	23
	3.5	630	23
	4.0	680	23

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.0 Red	2.0	520	21
	2.5	575	22
	3.0	625	22
	3.5	680	23
	4.0	730	23
	3.2 Green	2.0	590
2.5		660	22
3.0		725	23
3.5		770	23
4.0		835	24

6025SD

1/2" Male, plastic sprinkler with super diffuser black (SD) hammer, bayonet nozzles, extra range coverage



Code	Description	Nozzle
5164028	6025SD with 2.8mm nozzle	Orange
5164030	6025SD with 3.0mm nozzle	Red
5164032	6025SD with 3.2mm nozzle	Green
5164035	6025SD with 3.5mm nozzle	Blue
5164040	6025SD with 4.0mm nozzle	Black

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
2.8 Orange	2.5	540	19
	3.0	595	21
	3.5	640	21
	4.0	685	22
3.0 Red	2.5	585	21
	3.0	640	23
	3.5	690	23
	4.0	735	23

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.2 Green	2.5	670	23
	3.0	730	23
	3.5	790	24
	4.0	840	24
3.5 Blue	2.5	780	24
	3.0	850	24
	3.5	920	24
	4.0	980	25
4.0 Black	2.5	1,005	26
	3.0	1,100	26
	3.5	1,185	27
	4.0	1,270	27

1/2" PLASTIC SPRINKLER - LOW ANGLE

6004SD-LA

1/2" Male, plastic, for under-tree irrigation, with super diffuser blue, extra low angle 5° Trajectory



Code	Description	Nozzle
5165025	6004SD LA with 2.5mm nozzle	Purple
5165028	6004SD LA with 2.8mm nozzle	Orange
5165030	6004SD LA with 3.0mm nozzle	Red
5165032	6004SD LA with 3.2mm nozzle	Green

Nozzle colour (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
2.5 Purple	2.0	360	14	25
	2.5	405	15	
	3.0	450	16	
	3.5	485	17	
	4.0	520	17.5	
2.8 Orange	2.0	480	14	25
	2.5	530	15	
	3.0	584	16	
	3.5	630	17	
	4.0	675	17	

Nozzle colour (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
3.0 Red	2.0	525	14	28
	2.5	585	15	
	3.0	640	16	
	3.5	695	16	
	4.0	745	17	
3.2 Green	2.0	570	14	30
	2.5	640	15	
	3.0	700	16	
	3.5	765	17	
	4.0	815	18	

* MSH - Max. Stream Height (from nozzle)

5024SD

1/2" Male base, plastic, Low angle 12° trajectory for under-tree irrigation with super diffuser



Code	Description	Nozzle
5152661	5024SD-U with 2.5mm nozzle	Purple
5152662	5024SD-U with 2.8mm nozzle	Orange
5152663	5024SD with 3.0mm nozzle	Red
5152664	5024SD with 3.2mm nozzle	Green
5152665	5024SD with 3.5mm nozzle	Blue

Sleeve colour	Nozzle colour (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
Red	2.5 Purple	2.0	350	16	100
		2.5	390	17	
		3.0	430	18	
		3.5	460	18	
		4.0	490	18	
	2.8 Orange	2.0	450	18	110
		2.5	500	19	
		3.0	550	19	
		3.5	560	20	
		4.0	630	20	

Sleeve colour	Nozzle colour (mm)	P (bar)	Q (l/h)	D (m)	MSH* (cm)
Black	3.0 Red	2.0	500	18	120
		2.5	560	19	
		3.0	615	20	
		3.5	670	21	
		4.0	715	21	
	3.2 Green	2.0	595	18	125
		2.5	670	19	
		3.0	735	20	
		3.5	790	21	
		4.0	845	22	
	3.5 Blue	2.0	675	19	127
		2.5	755	20	
		3.0	830	21	
		3.5	900	22	
		4.0	965	23	

* MSH - Max. Stream Height (from nozzle)

427B

1/2" Male, plastic sprinkler, full & part circle with bayonet nozzles, adjustable diffuser pin, anti-splash hammer



Code	Description	Nozzle
5146728	427B-U with 2.8mm nozzle*	Orange
5146730	427B with 3.0mm nozzle	Red
5146732	427B with 3.2mm nozzle	Green
5146735	427B with 3.5mm nozzle	Blue
5146740	427B with 4.0mm nozzle	Black

*Red sleeve

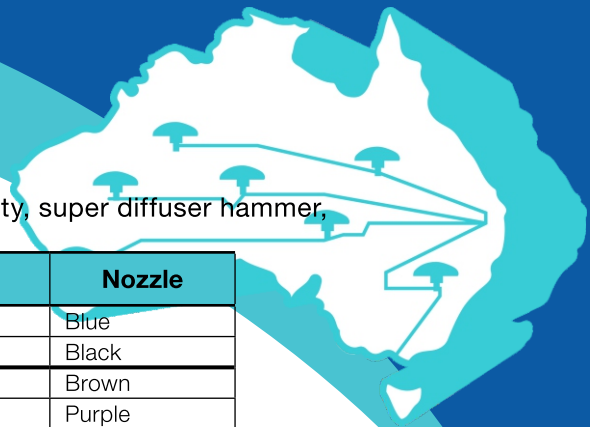
Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
2.8 Orange	2.0	450	22
	3.0	550	23
	4.0	630	24
3.0 Red	2.0	510	23
	3.0	630	24
	4.0	720	25

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.2 Green	2.0	570	23
	3.0	700	24
	4.0	810	26
3.5 Blue	2.0	660	23
	3.0	810	24
	4.0	930	26
4.0 Black	2.0	850	24
	3.0	1,030	26
	4.0	1,180	26

3/4" PLASTIC SPRINKLER

5035SD

3/4" Male base, plastic impulse sprinkler, heavy duty, super diffuser hammer, bayonet nozzle, full circle



Code	Description	Nozzle
51535021	5035SD with 3.5mm nozzle* (black SD)**	Blue
51535031	5035SD with 4.0mm nozzle* (black SD)**	Black
51535041	5035SD with 4.5mm nozzle (black SD)**	Brown
51535051	5035SD with 5.0mm nozzle (black SD)**	Purple
51535061	5035SD with 5.5mm nozzle (black SD)**	Orange
51535071	5035SD with 6.0mm nozzle (black SD)**	Red
51535121	5035SD with 3.5 x 2.5mm nozzle* (blue SD)	Blue/Grey
51535131	5035SD with 4.0 x 2.5mm nozzle* (blue SD)	Black/Grey
51535141	5035SD with 4.5 x 2.5mm nozzle (blue SD)	Brown/Grey
51535151	5035SD with 5.0 x 2.5mm nozzle (blue SD)	Purple/Grey
51535161	5035SD with 5.5 x 2.5mm nozzle (blue SD)	Orange/Grey
51535171	5035SD with 6.0 x 2.5mm nozzle (blue SD)	Red/Grey

*With red sleeve, do not interchange larger nozzles

**do not interchange nozzle with dual jet versions

Sleeve Colour	Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
Red	3.5 x 2.5L Blue	2.5	1,120	26
		3.0	1,240	27
		4.0	1,430	27
	4.0 x 2.5L Black	5.0	1,620	27
		2.5	1,350	26
		3.0	1,490	28
Black	4.5 x 2.5L Brown	4.0	1,740	29
		5.0	1,950	29
		2.5	1,350	26
	5.0 x 2.5L Purple	3.0	1,790	29
		4.0	2,070	30
		5.0	2,320	32
	5.5 x 2.5L Orange	2.5	1,930	28
		3.0	2,110	31
		4.0	2,400	33
		5.0	2,690	35
		2.5	2,180	32
		3.0	2,390	32
6.0 x 2.5L Red	4.0	2,760	34	
	5.0	3,090	35	
	2.5	2,450	32	
	3.0	2,700	32	
	4.0	3,160	34	
	5.0	3,540	34	

Sleeve Colour	Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
Red	3.5 Blue	2.5	720	24
		3.0	790	24
		4.0	910	25
	4.0 Black	5.0	1,040	25
		2.5	950	26
		3.0	1,040	26
Black	4.5 Brown	4.0	1,200	26
		5.0	1,350	28
		2.5	1,210	28
	5.0 Purple	3.0	1,320	28
		4.0	1,540	29
		5.0	1,710	30
	5.5 Orange	2.5	1,460	29
		3.0	1,610	29
		4.0	1,870	31
		5.0	2,100	32
		2.5	1,760	30
		3.0	1,930	31
	6.0 Red	4.0	2,230	34
		5.0	2,490	35
		2.5	2,060	30
		3.0	2,260	32
		4.0	2,620	34
		5.0	2,940	36

5035SD PC

3/4" Male base, plastic impulse sprinkler, heavy duty, super diffuser hammer, bayonet nozzle, part circle



Code	Description	Nozzle
51536021	5035SD PC with 3.5mm nozzle	Blue
51536031	5035SD PC with 4.0mm nozzle	Black
51536041	5035SD PC with 4.5mm nozzle	Brown
51536051	5035SD PC with 5.0mm nozzle	Purple

Nozzle colour (mm)	P (bar)	Q (l/h)	D (m)
3.5 Blue	2.5	720	26
	3.0	790	27
	4.0	910	27
	5.0	1,020	28
4.0 Black	2.5	950	27
	3.0	1,040	28
	4.0	1,200	28
4.5 Brown	5.0	1,350	29
	2.5	1,210	28
	3.0	1,320	30
5.0 Purple	4.0	1,540	31
	5.0	1,710	32
	2.5	1,460	30
	3.0	1,610	31
	4.0	1,870	33
	5.0	2,100	34

1" PLASTIC SPRINKLER



5035G

1" Female base, plastic impulse sprinkler, heavy duty, bayonet nozzle, full circle



Code	Description	Nozzle
5153570	5035G with 6.5mm nozzle	Grey
5153571	5035G with 7.0mm nozzle	Green
5153572	5035G with 6.5 x 2.5mm nozzle	Grey/Grey
5153574	5035G with 6.5 x 3.2mm nozzle	Grey/Orange
5153573	5035G with 7.0 x 2.5mm nozzle	Green/Grey
5153575	5035G with 7.0 x 3.2mm nozzle	Green/Orange

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
6.5 Grey	3.0	2,600	34
	4.0	3,050	36
	5.0	3,400	38
7.0 Green	3.0	3,250	34
	4.0	3,450	38
	5.0	3,870	38
6.5 x 2.5L Grey	3.0	3,070	34
	4.0	3,550	36
	5.0	3,970	37
6.5 x 3.2 Grey	3.0	3,200	35
	4.0	3,700	37
	5.0	4,150	36
7.0 x 2.5L Green	3.0	3,450	35
	4.0	3,970	38
	5.0	4,390	37
7.0 x 3.2 Green	3.0	3,550	35
	4.0	4,1000	37
	5.0	4,60	35

1/2" METAL SPRINKLER



JI-1

1/2" Male base, metal impact sprinkler, full circle



Code	Description
J67302J1030	JI-1 with 3.5mm nozzle
J67302J1029	JI-1 with 4.0mm nozzle
J67302J1031	JI-1 with 4.5mm nozzle
J67302J1032	JI-1 with 3.5 x 2.5mm nozzles
J67302J1037	JI-1 with 4.0 x 2.5mm nozzles
J67302J1033	JI-1 with 4.5 x 2.5mm nozzles

Nozzle Size (mm)	P (bar)	Q (l/h)	D (m)
3.5	2.0	616	23
	3.0	756	24
4.0	2.0	806	23
	3.0	987	24
4.5	2.0	1,020	23
	3.0	1,248	25
3.5 x 2.5	2.0	1,212	23
	3.0	1,248	24
4.0 x 2.5	2.0	1,212	23
	3.0	1,482	24
4.5 x 2.5	2.0	1,422	23
	3.0	1,740	25

423AG

1/2" Male, metal sprinkler, full & part circle with adjustable diffuser pin and plate, anti-splash hammer



Code	Description	Nozzle
5142232	423AG with 3.2mm nozzle	Green
5142235	423AG with 3.5mm nozzle	Blue
5142240	423AG with 4.0mm nozzle	Black

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
3.2 Green	2.0	570	23
	3.0	700	25
	4.0	810	26
3.5 Blue	2.0	660	24
	3.0	810	26
	4.0	930	27
4.0 Black	2.0	850	25
	3.0	1,003	27
	4.0	1,180	28

3/4" METAL SPRINKLER

233B-M

3/4" Male base, metal impulse sprinkler, full circle



Code	Description	Nozzle
5124640*	233B with 3.5mm nozzle	Blue
5124642*	233B with 4.0mm nozzle	Black
5124644*	233B with 4.5mm nozzle	Brown
5124646	233B with 5.0mm nozzle	Purple
5124648	233B with 5.5mm nozzle	Orange
5124650	233B with 6.0mm nozzle	Red
5124654*	233B with 3.5 x 2.5mm nozzles	Blue/Grey
5124656*	233B with 4.0 x 2.5mm nozzles	Black /Grey
5124658*	233B with 4.5 x 2.5mm nozzles	Brown/Grey
5124660	233B with 5.0 x 2.5mm nozzles	Purple/Grey
5124662	233B with 5.5 x 2.5mm nozzles	Orange/Grey
5124664	233B with 6.0 x 2.5mm nozzles	Red/Grey

* Red Sleeve

233B-F

3/4" Female base, metal impulse sprinkler, full circle



Code	Description	Nozzle
5124610*	233B with 3.5mm nozzle	Blue
5124612*	233B with 4.0mm nozzle	Black
5124614*	233B with 4.5mm nozzle	Brown
5124616	233B with 5.0mm nozzle	Purple
5124618	233B with 5.5mm nozzle	Orange
5124620	233B with 6.0mm nozzle	Red
5124624*	233B with 3.5x 2.5mm nozzles	Blue/Grey
5124626*	233B with 4.0 x 2.5mm nozzles	Black /Grey
5124628*	233B with 4.5 x 2.5mm nozzles	Brown/Grey
5124630	233B with 5.0 x 2.5mm nozzles	Purple/Grey
5124632	233B with 5.5 x 2.5mm nozzles	Orange/Grey
5124634	233B with 6.0 x 2.5mm nozzles	Red/Grey

* Red Sleeve

Sleeve Colour	Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)	Sleeve Colour	Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
Red	3.5 Blue	3.0	790	27	Red	3.5 x 2.5L Blue	3.0	1,240	27
		4.0	910	28			4.0	1,430	29
		5.0	1,020	29			5.0	1,620	29
	4.0 Black	3.0	1,040	29		4.0 x 2.5L Black	3.0	1,490	29
		4.0	1,200	29			4.0	1,740	29
		5.0	1,350	29			5.0	1,950	29
	4.5 Brown	3.0	1,320	30		4.5 x 2.5L Brown	3.0	1,790	30
		4.0	1,540	32			4.0	2,070	31
		5.0	1,710	33			5.0	2,320	32
Black	5.0 Purple	3.0	1,610	33	Black	5.0 x 2.5L Purple	3.0	2,110	32
		4.0	1,870	35			4.0	2,400	34
		5.0	2,100	37			5.0	2,690	35
	5.5 Orange	3.0	1,930	36		5.5 x 2.5L Orange	3.0	2,390	34
		4.0	2,230	38			4.0	2,760	37
		5.0	2,490	38			5.0	3,090	39
	6.0 Red	3.0	2,260	36		6.0 x 2.5L Red	3.0	2,700	37
		4.0	2,620	38			4.0	3,160	37
		5.0	2,940	41			5.0	3,540	40

Do not interchange nozzles between red sleeve and black sleeve sprinklers

1" METAL SPRINKLER



234

1" Female base, metal impulse sprinkler, full circle



Code	Description	Nozzle
5124550	234 with 5.0mm nozzle	Purple
5124555	234 with 5.5mm nozzle	Orange
5124560	234 with 6.0mm nozzle	Red
5124565	234 with 6.5mm nozzle	Grey
5124570	234 with 7.0mm nozzle	Green
5124450	234 with 5.0 x 3.2mm nozzles	Purple/Orange
5124455	234 with 5.5 x 3.2mm nozzles	Orange/Orange
5124460	234 with 6.0 x 3.2mm nozzles	Red/Orange
5124465	234 with 6.5 x 3.2mm nozzles	Grey/Orange
5124470	234 with 7.0 x 3.2mm nozzles	Green/Orange

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
5.0 x 3.2 Purple	3.0	2,210	32
	4.0	2,530	34
	5.0	2,840	35
5.5 x 3.2 Orange	3.0	2,500	34
	4.0	2,900	37
	5.0	3,250	39
6.0 x 3.2 Red	3.0	2,810	37
	4.0	3,300	37
	5.0	3,700	40
6.5 x 3.2 Grey	3.0	3,190	38
	4.0	3,700	40
	5.0	4,150	41
7.0 x 3.2 Green	3.0	3,550	38
	4.0	4,100	41
	5.0	4,600	43



3/4" & 1" METAL SPRINKLER

233-PC

3/4" Female base, metal impulse sprinkler, part circle



Code	Description	Nozzle
5123540	233B-PC with 4.0mm nozzle	Black
5123545	233B-PC with 4.5mm nozzle	Brown
5123550	233B-PC with 5.0mm nozzle	Purple

234-PC

1" Female base, metal impact sprinkler, part circle



Code	Description	Nozzle
5123640	234-PC with 4.0mm nozzle	Black
5123645	234-PC with 4.5mm nozzle	Brown
5123650	234-PC with 5.0mm nozzle	Purple

Nozzle Colour (mm)	P (bar)	Q (l/h)	D (m)
4.0 Black	3.0	1,040	28
	4.0	1,200	29
	5.0	1,350	29
4.5 Brown	3.0	1,320	31
	4.0	1,540	32
	5.0	1,710	32
5.0 Purple	3.0	1,610	33
	4.0	1,870	34
	5.0	2,100	35

1 1/4" METAL SPRINKLER



260

1 1/4" Female base, metal sprinkler, full circle



Code	Description
5129450	260 full circle with 8mm nozzle
5129460	260 full circle with 9mm nozzle
5129400	260 full circle with 10mm nozzle
5129410	260 full circle with 12mm nozzle

260PC

1 1/4" Female base, metal sprinkler, part circle



Code	Description
5129455	260 part circle with 8mm nozzle
5129465	260 part circle with 9mm nozzle
5129405	260 part circle with 10mm nozzle
5129415	260 part circle with 12mm nozzle

Nozzle Colour (mm)	P (bar)	Q (m ³ /h)	D (m)
8.0	1.5	2.9	31
	2.0	3.4	34
	3.0	4.1	38
	4.0	4.8	41
9.0	1.5	3.7	33
	2.0	4.2	35
	3.0	5.2	39
	4.0	6.0	42
10.0	1.5	4.5	34
	2.0	5.3	36
	3.0	6.4	41
	4.0	7.4	44
12.0	1.5	6.6	34
	2.0	7.6	38
	3.0	9.3	42
	4.0	10.7	47

1½" METAL SPRINKLER



270

1½" Female base, metal sprinkler, full circle



Code	Description
5129518	270 full circle with 8 x 7mm nozzles
5129519	270 full circle with 10 x 7mm nozzles
5129520	270 full circle with 12 x 7mm nozzles
5129521	270 full circle with 14 x 7mm nozzles
5129522	270 full circle with 16 x 7mm nozzles

270PC

1½" Female base, metal sprinkler, part circle



Code	Description
5129523	270 part circle with 8 x 7mm nozzles
5129524	270 part circle with 10 x 7mm nozzles
5129525	270 part circle with 12 x 7mm nozzles
5129526	270 part circle with 14 x 7mm nozzles
5129527	270 part circle with 16 x 7mm nozzles

Nozzle Colour (mm)	P (bar)	Q (m³/h)	D (m)
8.0 X 7.0	1.5	5.1	32
	2	5.9	35
	3	7.2	39
	4	8.4	42
10.0X7.0	2	7.8	36
	3	9.5	42
	4	11	46
	5	12.4	49
12.0X7.0	2	10.1	39
	3	12.4	44
	4	14.3	50
	5	16.1	55
14.0X7.0	2	12.9	41
	3	15.8	47
	4	18.3	52
	5	20.5	57
16.0X7.0	2	16	42
	3	19.6	48
	4	22.7	53
	5	24.8	58

2" METAL SPRINKLER



280

2" Female base, metal impulse sprinkler, full circle



Code	Description
5129112	280 with 12 x 8.0mm nozzles
5129114	280 with 14 x 8.0mm nozzles
5129116	280 with 16 x 8.0mm nozzles
5129118	280 with 18 x 8.0mm nozzles
5129120	280 with 20 x 8.0mm nozzles
5129122	280 with 22 x 8.0mm nozzles

280PC

2" Female base, metal impulse sprinkler, part circle



Code	Description
5129012	280 with 12 x 8.0mm nozzles
5129014	280 with 14 x 8.0mm nozzles
5129016	280 with 16 x 8.0mm nozzles
5129018	280 with 18 x 8.0mm nozzles
5129020	280 with 20 x 8.0mm nozzles
5129022	280 with 22 x 8.0mm nozzles

Nozzle (mm)	P (bar)	Q (m ³ /h)	D (m)
12.0 x 8.0	3.0	13.40	54
	4.0	15.50	60
	5.0	17.30	65
14.0 x 8.0	3.0	16.80	58
	4.0	19.50	64
	5.0	21.80	68
16.0 x 8.0	3.0	20.60	62
	4.0	23.90	68
	5.0	26.70	74
18.0 x 8.0	3.0	26.00	66
	4.0	30.30	72
	5.0	33.60	80
20.0 x 8.0	3.0	31.20	68
	4.0	36.30	76
	5.0	39.40	86
22.0 x 8.0	3.0	35.4	69
	4.0	40.9	78
	5.0	45.9	88

1/2" PLASTIC SPRINKLER

Mamkad 16 (regulated & non regulated)

1/2" Male base, plastic, ball driven sprinkler



Code	Description	Nozzle
347343	Mamkad sprinkler, non regulated, 135 lph	Blue
347346	Mamkad sprinkler, non regulated, 180 lph	Yellow
347344	Mamkad sprinkler, non regulated, 225 lph	Violet
347348	Mamkad sprinkler, non regulated, 270 lph	Black
347443	Mamkad sprinkler, regulated, 135 lph	Blue
347446	Mamkad sprinkler, regulated, 180 lph	Yellow
347444	Mamkad sprinkler, regulated, 225 lph	Violet
347448	Mamkad sprinkler, regulated, 270 lph	Black

Mamkad 16 low angle (regulated & non regulated)

1/2" Male base, plastic, ball driven sprinkler

Code	Description	Nozzle
347345	Mamkad sprinkler, LA, non regulated, 180 lph	Orange
347347	Mamkad sprinkler, LA, non regulated, 225 lph	Red
347445	Mamkad sprinkler, LA, regulated, 180 lph	Orange
347447	Mamkad sprinkler, LA, regulated, 225 lph	Red

Low Angle	Nozzle Colour	P (bar)	Q (l/h)	D (m)	msh (cm)
	Orange	2.0	180	13	60
		3.0	220	13	60
		4.0	255	13	60
	F.R.	2.5-5.0	180	13	60
	Red	2.0	225	13	65
		3.0	275	13	65
		4.0	320	13	65
	F.R.	2.5-5.0	225	13	65

Std Angle	Nozzle Colour	P (bar)	Q (l/h)	D (m)
	Blue	2.0	135	14
		2.5	151	14
		3.0	165	14
		3.5	178	13
		4.0	192	13
	F.R.	2.5-5.0	135	13
	Yellow	2.0	180	15
		2.5	201	14
		3.0	220	14
		3.5	238	14
		4.0	255	14
	F.R.	2.5-5.0	180	14
	Violet	2.0	225	15
		2.5	252	15
		3.0	275	15
		3.5	297	15
		4.0	320	15
	F.R.	2.5-5.0	225	15
	Black	2.0	270	16
		2.5	302	16
		3.0	330	16
		3.5	356	16
		4.0	383	16
F.R.	2.5-5.0	270	16	

1/2" PLASTIC SPRINKLER

1/2" Male base, plastic, ball driven sprinkler

Super 10, 25° (regulated & non regulated)



Code	Description	Nozzle	Box Qty	Unit Price
335440 *	Super 10 sprinkler, non regulated, 320 lph	Brown*	200	\$18.40
335443	Super 10 sprinkler, non regulated, 360 lph	Blue		
335446	Super 10 sprinkler, non regulated, 450 lph	Yellow		
335442	Super 10 sprinkler, non regulated, 550 lph	Green		
335447	Super 10 sprinkler, non regulated, 670 lph	Red		
335448	Super 10 sprinkler, non regulated, 850 lph	Black		
336440 *	Super 10 sprinkler, regulated, 320 lph	Brown*	200	\$20.70
336443	Super 10 sprinkler, regulated, 360 lph	Blue		
336446	Super 10 sprinkler, regulated, 450 lph	Yellow		
336442	Super 10 sprinkler, regulated, 550 lph	Green		
336447	Super 10 sprinkler, regulated, 670 lph	Red		
336448	Super 10 sprinkler, regulated, 850 lph	Black		

* Super 10, brown nozzle, 320lph for road protector combination only.

Super 10, LA 14° (regulated & non regulated)



Code	Description	Nozzle	Box Qty	Unit Price
335744	Super 10 sprinkler, 14° non regulated, 360 lph	Violet	200	\$18.40
335746	Super 10 sprinkler, 14° non regulated, 450 lph	Yellow		
335742	Super 10 sprinkler, 14° non regulated, 550 lph	Green		
335747	Super 10 sprinkler, 14° non regulated, 670 lph	Red		
336744	Super 10 sprinkler, 14° regulated, 360 lph	Violet	200	\$20.70
336746	Super 10 sprinkler, 14° regulated, 450 lph	Yellow		
336742	Super 10 sprinkler, 14° regulated, 550 lph	Green		
336747	Super 10 sprinkler, 14° regulated, 670 lph	Red		

Super 10, LA 10° (regulated & non regulated)



Code	Description	Nozzle	Box Qty	Unit Price
335343	Super 10 sprinkler, 10° non regulated, 360 lph	Violet	200	\$18.40
335346	Super 10 sprinkler, 10° non regulated, 450 lph	Yellow		
335342	Super 10 sprinkler, 10° non regulated, 550 lph	Green		
335347	Super 10 sprinkler, 10° non regulated, 670 lph	Red		
336343	Super 10 sprinkler, 10° regulated, 360 lph	Violet	200	\$20.70
336346	Super 10 sprinkler, 10° regulated, 450 lph	Yellow		
336342	Super 10 sprinkler, 10° regulated, 550 lph	Green		
336347	Super 10 sprinkler, 10° regulated, 670 lph	Red		

Standard Angle				Standard Angle				Super 10 Low Angle 10° Blue Nozzle Body				Super 10 Low Angle 14° Red Nozzle Body		
Nozzle Colour	P (bar)	Q (l/h)	D (m)	Nozzle Colour	P (bar)	Q (l/h)	D (m)	Nozzle Colour	P (bar)	Q (l/h)	D (m)	msh (cm)	D (m)	msh (cm)
Brown*	2.5	320	19	Green	2.5	550	20.0	Violet	2.5	360	15.5	60	17.5	90
	3.0	350	19		3.0	600	20.0		3.0	395	16	62	18	99
	3.5	380	19		3.5	650	20.0		3.5	425	16	64	18	111
	4.0	405	19		4.0	695	19.5		4.0	455	16	68	18	114
F.R.	3.0-5.0	320	19	F.R.	3.0-5.0	550	20.0	F.R.	3.0-5.0	360	15.5	60	17.5	90
Blue	2.5	360	17.0	Red	2.5	670	20.5	Yellow	2.5	450	16.5	50	17.5	100
	3.0	395	17.0		3.0	735	20.5		3.0	495	16.5	55	18	105
	3.5	425	16.5		3.5	790	20.0		3.5	530	17	60	18	110
	4.0	455	16.0		4.0	850	20.0		4.0	570	16.5	65	17.5	115
F.R.	3.0-5.0	360	18.0	F.R.	3.0-5.0	670	20.5	F.R.	3.0-5.0	450	16.5	50	18.5	100
Yellow	2.5	450	20.0	F.R.	2.5	550	16	Green	2.5	550	16	55	16	105
	3.0	495	20.0		3.0	600	16.5		60	17.5	110			
	3.5	530	19.5		3.5	650	17		70	18	115			
	4.0	570	19.0		4.0	695	16.5		80	18.5	120			
F.R.	3.0-5.0	450	20.0	F.R.	3.0-5.0	550	16.5	60	18	100				
F.R.	2.5	670	16.5	Red	2.5	670	16.5	Red	2.5	670	16.5	60	18.5	110
	3.0	735	17		3.0	735	17		65	19	115			
	3.5	790	17.5		3.5	790	17.5		70	19	120			
	4.0	850	17		4.0	850	17		80	19	125			
F.R.	3.0-5.0	670	17	F.R.	3.0-5.0	670	17	70	19	120				

* For road protector combination only.

NOZZLES

5022, 5022SD, 5024SD, 6025SD, 6004SD, 427B



Code	mm	Colour	Sleeve
582251	2.5	Purple	Red
582281	2.8	Orange	
582301	3.0	Red	Black
582321	3.2	Green	
582351	3.5	Blue	
582401	4.0	Black	
583181	1.8 rear	Light Green	
583253	2.5 rear	Grey	
582001	Blank rear	Black	
5196338	Nozzle wrench		

5035, 5035SD, 5035G, 5035SD-PC



Code	mm	Colour	Sleeve
585351	3.5	Blue	Red
585401	4.0	Black	
585451	4.5	Brown	Black
585501	5.0	Purple	
585551	5.5	Orange	
585601	6.0	Red	
585651	6.5	Grey	
585701	7.0	Green	
583253	2.5 rear	Grey	
583321	3.2 rear	Orange	
582001	Blank rear	Black	
5196325	Nozzle wrench		

233B, 233B-PC, 234



Code	mm	Colour	Sleeve
585355	3.5	Blue	Red
585405	4.0	Black	
585455	4.5	Brown	
585505	5.0	Purple	Black
585555	5.5	Orange	
585605	6.0	Red	
585655	6.5	Grey	
585705	7.0	Green	
583255	2.5 rear	Grey	
583325	3.2 rear	Orange	
582005	Blank rear	Black	
491001	Vane for Main Nozzle		
475211	O-ring only main nozzle		
475201	O-ring only rear nozzle		
5196325	Nozzle wrench		

423AG



Code	mm	Colour
570321	3.2	Green
570351	3.5	Blue
570401	4.0	Black

* 233B and 234 nozzles come supplied complete with an O ring
 Warning: Do not swap nozzles between red sleeve and black sleeve sprinklers
 If in doubt please contact customer care 03 9767 1222
 Nozzles for other sprinklers may also be available please contact customer care.



MAGIC DRIVE, 501 AND 502



Magic Drive



501



502

The Magic Drive, 501 and 502 sprinklers are available subject to minimum orders quantities. These sprinklers are no longer held as stock items in Melbourne. They can be imported from Israel or India. Delivery can take up to 16 weeks from order.

Please talk to Customer Service or your Area Sales Manager for more details

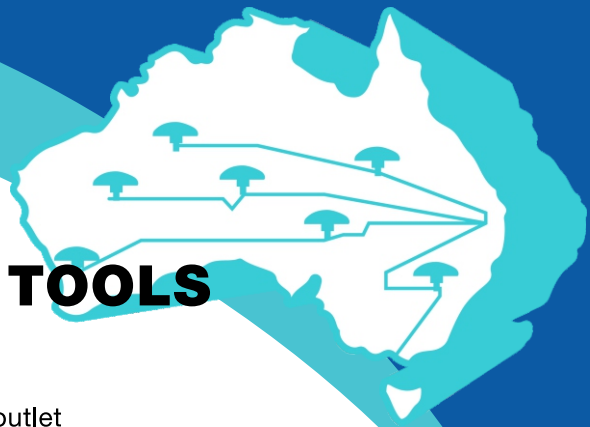
IRRISTAND SUIT 5022U/MAMKAD/SUPER 10

Stand 52 & components



Code	Description	Includes	Unit Price
492990	Stand 52 9/12 PE tube x 0.6m	A+E+F+J	\$4.62
492996	Stand 52 9/12 PE tube with elbow start x 0.6m	A+E+G+J	\$6.92
5196012	Stand 52 9/12 PE tube x 1.2m	A+E+F+J	\$5.20
5196143	Stand 52 9/12 PVC tube x 3.5m	A+E+F+J	\$18.48
5196144	Stand 52 9/12 PVC tube x 4m	A+E+F+J	\$19.68
5196145	Stand 52 9/12 PVC tube x 5m	A+E+F+J	\$20.78
493654	Galvanised Rod 8mm x 0.6m	B	\$5.78
493601	Galvanised Rod 8mm x 1.2m	B	\$10.40
493652	Galvanised Rod with stabilizer ring 8mm x 1.2m	C	\$16.16
4929901	Stand 52 complete with Gal Rod 0.6m	A+B+D+E+F+J	\$9.24
4929961	Stand 52 complete with elbow start and Gal Rod 0.6m	A+B+D+E+G+J	\$11.54
5196013	Stand 52 complete with Gal Rod 1.2m	A+B+D+E+F+J	\$14.42
5196014	Stand 52 complete with stabiliser ring Gal Rod 1.2m	A+C+D+E+F+J	\$20.24
482820	Splined adaptor for 8mm Rod	D	\$1.16
830904	Female barb for start suit LDPE & HDPE pipe	E	\$0.74
830902	Male start x 9/12 barb	F	\$0.74
830908	Male elbow start x 9/12 barb	G	\$3.48
830906	Plug to fit 830904	H	\$0.58
6431999900	Rubber grommet to fit 830904 into PVC pipe	I	\$0.34
482821	Stand 52 head only 1/2"FBSP x 9/12 barb	J	\$3.96
790512	Stand 52 head with LPD 1/2"FBSP x 9/12 barb	K	\$5.42
6431040640	Layflat connector female (accepts 830902 male start)	L	\$2.66
6130210424	8mm hand punch and pusher for female barb	M	\$69.30
6130210200	7.5mm heavy duty punch and pusher for female barb	N	\$665.50
6130210455	Drill 7.5mm Suitable for fitting Female Barb to LDPE	O	\$69.30
492660	9/13 PVC Flex Tube x 100m		\$346.50

SPRINKLER ACCESSORIES & TOOLS



Elite

Coupling for portable irrigation systems with 1" FBSP outlet
Requires 50mm OD poly pipe



Code	Description
798701	Elite Stand 50mmx 1" FBSP Standard Vee Ring
798702	Elite Stand 50mmx 1" FBSP Zero Drain Vee Ring

Supplied in kit form. Assembly required.

Amirit couplings and spare parts are still currently available while stocks last

LPD

Universal & for Irristand



Code	Description
790512	Irristand LPD 1/2" FBSP outlet x 9mm barb inlet
790601	Universal LPD 1/2" FBSP outlet x 1/2" MBSP inlet
790602	Universal LPD 1/2" FBSP outlet x 3/4" MBSP inlet

LPD operating data

Opening pressure = 1.4bar

Closing pressure = 0.6bar



Sprinkler Discharge L/h	Head Loss (m)
250	0.1
500	0.2
750	0.8
1000	1.1
1250	1.3
1500	2.6

Flow regulator

1/2" FBSP outlet x 1/2" MBSP Inlet Operating Pressure 3.0 - 5.0 bar



Code	Description
482621	Flow regulator 365L/h
482630	Flow regulator 590L/h

SPRINKLER ACCESSORIES & TOOLS

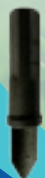
Mamkad 16 & Super 10

Code	Description
843005	Road protector for Mamkad 16 high angle only
835800	Road protector for Super 10 high angle, brown nozzle only
830050	Wrench for Super 10 / Mamkad



Tools & wrenches

	Code	Description
1	6130210408	Pusher for stand 52 (Green)
2	6130210424	8mm hand punch and pusher for female barb
3	6130210200	7.5mm heavy duty punch and pusher for female barb
4	6120040020	Hole saw 16.5mm to suit rubber grommet for PVC
5	6130210455	Drill 7.5mm Suitable for fitting Female Barb to LDPE





MICRO SPRINKLERS

Contents:

- 2002 Aqua Smart 20-23
- 2005 Aqua Master 24-25
- Smart Jet 26-29
- Modular 30-32
- Flipper 33
- Spark 34



2002 AQUA SMART

PRESSURE COMPENSATING MICRO SPRINKLER, ANTI-ANT SWIVEL

The NDJ 2002 Aqua Smart micro sprinkler is a Pressure-compensated sprinkler suitable for under tree irrigation.

Recommended operating pressure is between 1.5 to 4.0 bar, with flow rates of 20 to 95L/h. Standard base is 3/8" MBSP / female pushfit combination. It is also available with a 4/7 barb base. A range of single and 2-stage swivels are available together with a spring loaded inverted version. All swivels provide insect resistance to help protect from blockages.



Single stage orange swivel



Code	Description	Nozzle
216444	2002 c/w 20 lph nozzle, 3/8" male BSP/female housing	Violet
216449	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
216440	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
216443	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
216442	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green

Single stage orange swivel 4/7 barb base



Code	Description	Nozzle
216424	2002 c/w 20 lph nozzle, 4/7 barb base	Violet
216429	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
216420	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
216423	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
216422	2002 c/w 55 lph nozzle, 4/7 barb base	Green

Nozzle colour	Violet	Grey	Brown	Blue	Green
Nozzle size (mm)	0.84	1	1.1	1.25	1.33
Flow rate (L/h)	20	28	35	47	55
Diameter (m)	3	3	3.5	3.5	3.5

*Diameter with sprinkler 0.25m above ground

2002 AQUA SMART

PRESSURE COMPENSATING MICRO SPRINKLER, ANTI-ANT SWIVEL



Single stage blue swivel



Code	Description	Nozzle
216249	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
216240	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
216243	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
216242	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green
216245	2002 c/w 70 lph nozzle, 3/8" male BSP/female housing	Orange
216246	2002 c/w 95 lph nozzle, 3/8" male BSP/female housing	Yellow

Two stage blue swivel (with deflector)



Code	Description	Nozzle
218249	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
218240	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
218243	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
218242	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green
218245	2002 c/w 70 lph nozzle, 3/8" male BSP/female housing	Orange
218246	2002 c/w 95 lph nozzle, 3/8" male BSP/female housing	Yellow

Single stage blue swivel 4/7 barb base



Code	Description	Nozzle
216229	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
216220	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
216223	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
216222	2002 c/w 55 lph nozzle, 4/7 barb base	Green
216225	2002 c/w 70 lph nozzle, 4/7 barb base	Orange
216226	2002 c/w 95 lph nozzle, 4/7 barb base	Yellow

Two stage blue swivel (with deflector) 4/7 barb base



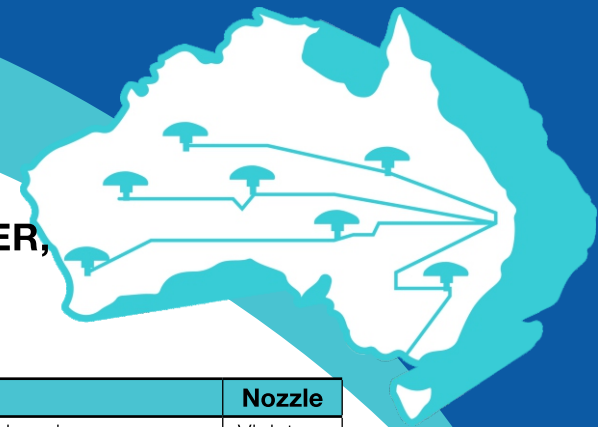
Code	Description	Nozzle
218229	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
218220	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
218223	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
218222	2002 c/w 55 lph nozzle, 4/7 barb base	Green
218225	2002 c/w 70 lph nozzle, 4/7 barb base	Orange
218226	2002 c/w 95 lph nozzle, 4/7 barb base	Yellow

Nozzle colour	Grey	Brown	Blue	Green	Orange	Yellow
Nozzle size (mm)	1	1.1	1.25	1.33	1.48	1.75
Flow rate (L/h)	28	35	47	55	70	95
Diam 2 stage (m)	1.5	2	2	2	2.5	3
Diam 1 stage (m)	4.5	5	5.5	6	7	7.5

*Diameter with sprinkler 0.25m above ground

2002 AQUA SMART

PRESSURE COMPENSATING MICRO SPRINKLER, ANTI-ANT SWIVEL



Single stage black swivel

Code	Description	Nozzle
216344	2002 c/w 20 lph nozzle, 3/8" male BSP/female housing	Violet
216349	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
216340	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
216343	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
216342	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green
216345	2002 c/w 70 lph nozzle, 3/8" male BSP/female housing	Orange
216346	2002 c/w 95 lph nozzle, 3/8" male BSP/female housing	Yellow



Two stage black swivel (with deflector)

Code	Description	Nozzle
218344	2002 c/w 20 lph nozzle, 3/8" male BSP/female housing	Violet
218349	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
218340	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
218343	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
218342	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green
218345	2002 c/w 70 lph nozzle, 3/8" male BSP/female housing	Orange
218346	2002 c/w 95 lph nozzle, 3/8" male BSP/female housing	Yellow



Single stage black swivel 4/7 barb base

Code	Description	Nozzle
216324	2002 c/w 20 lph nozzle, 4/7 barb base	Violet
216329	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
216320	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
216323	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
216322	2002 c/w 55 lph nozzle, 4/7 barb base	Green
216325	2002 c/w 70 lph nozzle, 4/7 barb base	Orange
216326	2002 c/w 95 lph nozzle, 4/7 barb base	Yellow



Two stage black swivel (with deflector) 4/7 barb base

Code	Description	Nozzle
218324	2002 c/w 20 lph nozzle, 4/7 barb base	Violet
218329	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
218320	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
218323	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
218322	2002 c/w 55 lph nozzle, 4/7 barb base	Green
218325	2002 c/w 70 lph nozzle, 4/7 barb base	Orange
218326	2002 c/w 95 lph nozzle, 4/7 barb base	Yellow

Nozzle colour	Violet	Grey	Brown	Blue	Green	Orange	Yellow
Nozzle size (mm)	0.84	1	1.1	1.25	1.33	1.48	1.75
Flow rate (L/h)	20	28	35	47	55	70	95
Diam 2 stage (m)	1.5	2	2.5	2.5	2.5	2.5	3
Diam 1 stage (m)	3.5	4	4	4.5	4.5	5	5.5

*Diameter with sprinkler 0.25m above ground

2002 AQUA SMART

PRESSURE COMPENSATING MICRO SPRINKLER, ANTI-ANT SWIVEL



Inverted green swivel



Code	Description	Nozzle
217549	2002 c/w 28 lph nozzle, 3/8" male BSP/female housing	Grey
217540	2002 c/w 35 lph nozzle, 3/8" male BSP/female housing	Brown
217543	2002 c/w 47 lph nozzle, 3/8" male BSP/female housing	Blue
217542	2002 c/w 55 lph nozzle, 3/8" male BSP/female housing	Green
217545	2002 c/w 70 lph nozzle, 3/8" male BSP/female housing	Orange
217546	2002 c/w 95 lph nozzle, 3/8" male BSP/female housing	Yellow

Inverted green swivel 4/7 barb base

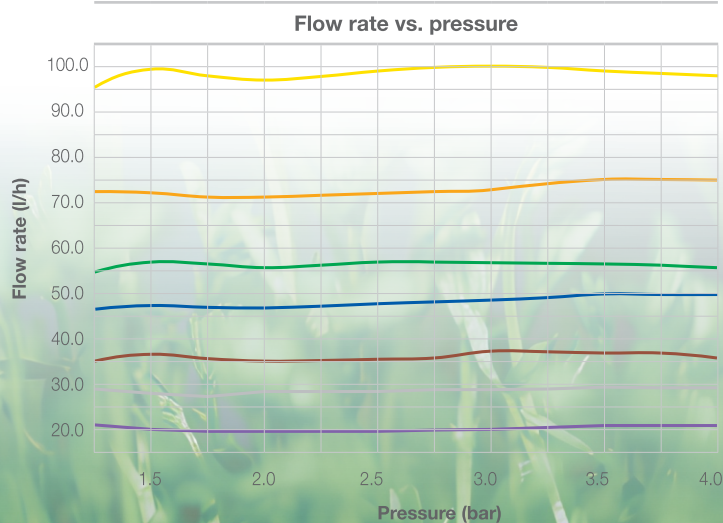


Code	Description	Nozzle
217529	2002 c/w 28 lph nozzle, 4/7 barb base	Grey
217520	2002 c/w 35 lph nozzle, 4/7 barb base	Brown
217523	2002 c/w 47 lph nozzle, 4/7 barb base	Blue
217522	2002 c/w 55 lph nozzle, 4/7 barb base	Green
217525	2002 c/w 70 lph nozzle, 4/7 barb base	Orange
217526	2002 c/w 95 lph nozzle, 4/7 barb base	Yellow

Nozzle colour	Grey	Brown	Blue	Green	Orange	Yellow
Nozzle size (mm)	1	1.1	1.25	1.33	1.48	1.75
Flow rate (L/h)	28	35	47	55	70	95
Diameter (m)	5	5	5	5	5	5

Diameter with sprinkler 0.6m above ground

Recommended Operating Pressure 1.5 to 4.0 Bar



2005 AQUA MASTER

MID RANGE MICRO SPRINKLER

The NDJ 2005 Aqua Master micro sprinkler is a non-compensated sprinkler suitable for under tree irrigation.

It can also be used as an economical overhead sprinkler, or for green house applications.

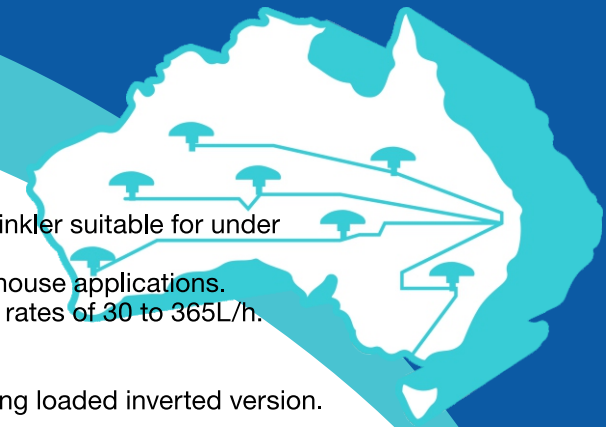
Recommended operating pressure is between 1.5 to 3.0 bar, with flow rates of 30 to 365L/h.

Standard base is 3/8" MBSP / female pushfit combination.

It is also available with 1/2" MBSP on special order.

A range of single and 2-stage swivels are available together with a spring loaded inverted version.

All swivels provide insect resistance to help protect from blockages.



Single stage swivel, bridge with loop/hook



Code	Description	Swivel	Nozzle
220344	2005 c/w 35 lph nozzle, 3/8" male BSP/female housing	Black	Violet
220340	2005 c/w 50 lph nozzle, 3/8" male BSP/female housing	Black	Brown
220249	2005 c/w 70 lph nozzle, 3/8" male BSP/female housing	Blue	Grey
220241	2005 c/w 90 lph nozzle, 3/8" male BSP/female housing	Blue	Turquoise
220242	2005 c/w 105 lph nozzle, 3/8" male BSP/female housing	Blue	Green
220145	2005 c/w 120 lph nozzle, 3/8" Male BSP/female housing	Grey	Orange
220148	2005 c/w 160 lph nozzle, 3/8" Male BSP/female housing	Grey	Black
220143	2005 c/w 200 lph nozzle, 3/8" Male BSP/female housing	Grey	Blue
220146	2005 c/w 250 lph nozzle, 3/8" Male BSP/female housing	Grey	Yellow
220147	2005 c/w 300 lph nozzle, 3/8" Male BSP/female housing	Grey	Red
220545	2005 c/w 120 lph nozzle, 3/8" male BSP/female housing	Green	Orange
220548	2005 c/w 160 lph nozzle, 3/8" male BSP/female housing	Green	Black
220543	2005 c/w 200 lph nozzle, 3/8" male BSP/female housing	Green	Blue
220546	2005 c/w 250 lph nozzle, 3/8" male BSP/female housing	Green	Yellow
220547	2005 c/w 300 lph nozzle, 3/8" male BSP/female housing	Green	Red

Two stage swivel (with deflector), bridge with loop/hook



Code	Description	Swivel	Nozzle
220844	2005 c/w 35 lph nozzle, 3/8" male BSP/female housing	Black	Violet
220840	2005 c/w 50 lph nozzle, 3/8" male BSP/female housing	Black	Brown
220749	2005 c/w 70 lph nozzle, 3/8" male BSP/female housing	Blue	Grey
220741	2005 c/w 90 lph nozzle, 3/8" male BSP/female housing	Blue	Turquoise
220742	2005 c/w 105 lph nozzle, 3/8" male BSP/female housing	Blue	Green
220945	2005 c/w 120 lph nozzle, 3/8" male BSP/female housing	Grey	Orange
220948	2005 c/w 160 lph nozzle, 3/8" male BSP/female housing	Grey	Black
220943	2005 c/w 200 lph nozzle, 3/8" male BSP/female housing	Grey	Blue
220946	2005 c/w 250 lph nozzle, 3/8" male BSP/female housing	Grey	Yellow
220947	2005 c/w 300 lph nozzle, 3/8" male BSP/female housing	Grey	Red
220445	2005 c/w 120 lph nozzle, 3/8" Male BSP/female housing	Green	Orange
220448	2005 c/w 160 lph nozzle, 3/8" Male BSP/female housing	Green	Black
220443	2005 c/w 200 lph nozzle, 3/8" Male BSP/female housing	Green	Blue
220446	2005 c/w 250 lph nozzle, 3/8" Male BSP/female housing	Green	Yellow
220447	2005 c/w 300 lph nozzle, 3/8" Male BSP/female housing	Green	Red

2005 AQUA MASTER

MID RANGE MICRO SPRINKLER

Inverted swivel, spring loaded



Code	Description	Swivel	Nozzle
219644	2005 c/w 35 lph nozzle, 3/8" male BSP/female housing	Green	Violet
219640	2005 c/w 50 lph nozzle, 3/8" male BSP/female housing	Green	Brown
219649	2005 c/w 70 lph nozzle, 3/8" male BSP/female housing	Green	Grey
219641	2005 c/w 90 lph nozzle, 3/8" male BSP/female housing	Green	Turquoise
219642	2005 c/w 105 lph nozzle, 3/8" male BSP/female housing	Green	Green
219645	2005 c/w 120 lph nozzle, 3/8" male BSP/female housing	Green	Orange
219648	2005 c/w 160 lph nozzle, 3/8" male BSP/female housing	Green	Black
219643	2005 c/w 200 lph nozzle, 3/8" male BSP/female housing	Green	Blue

*1/2" male BSP housing available on request

FLOW RATE (l/h) VS. PRESSURE (bar)				
Nozzle colour	Nozzle Ø mm	Pressure (bar)		
		1.5	2.0	2.5
Violet	0.80	30	35	39
Brown	0.94	43	50	56
Grey	1.14	61	70	78
Turquoise	1.34	78	90	101
Green	1.40	91	105	117
Orange	1.50	104	120	134
Black	1.74	139	160	179
Blue	1.94	173	200	224
Yellow	2.16	215	250	305
Red	2.36	260	300	335

FLOW RATES AND WETTED DIAMETER (m) AT 2.0 BAR										
Nozzle colour	Flow rate (l/h)	Black Swivel		Blue Swivel		Grey Swivel		Green Swivel		Green Inverted at 1.8m
		1 stage	2 stage	1 stage	2 stage	1 stage	2 stage	1 stage	2 stage	
Violet	35	5.5	2.0							6.5
Brown	50	6.5	2.0							7.5
Grey	70			7.0	2.5					9.0
Turquoise	90			9.0	2.5					10.0
Green	105			9.0	3.0					10.0
Orange	120					5.5	2.0	9.5	2.5	10.5
Black	160					6.0	2.5	10.0	2.5	11.0
Blue	200					6.0	2.5	10.5	3.0	11.5
Yellow	250					6.0	3.0	11.5	3.0	
Red	300					7.0	3.0	12.5	3.5	

*Diameter with sprinkler 0.25m above ground

SMART JET

The Smart Jet is a static micro sprinkler offering PC, non PC and insect proof options. A range of nozzle sizes and distribution patterns makes it easy to match any application. Particularly suited to orchards and vineyards but also suitable for landscape applications. Smart Jet is available assembled onto a 4/7 PE tube, typically 60cm in length. This assembly allows the Smart Jet to be used with the Spike 34 stand.



Smart Jet



Smart Jet PC



Smart Jet IP
(Insect Proof)



Smart Jet PC IP



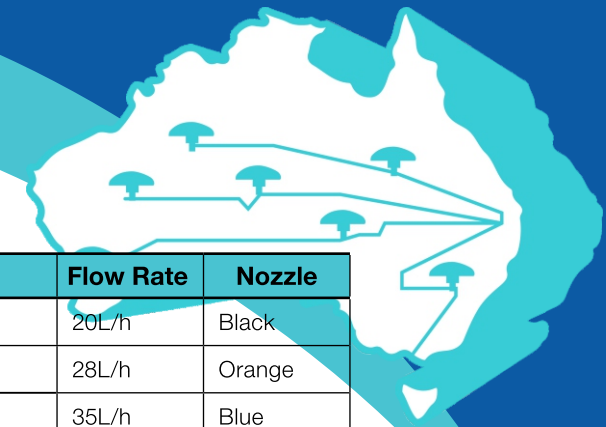
Smart Jet and Smart Jet IP:

- Recommended working pressure 0.7 - 3.0 bar
- Flow rates 15 - 136L/h
- Filtration requirement 130 micron

Smart Jet PC and Smart Jet PCIP:

- Recommended working pressure 1.0 - 3.0 bar
- Flow rates 19 - 79L/h
- Filtration requirement 130 micron

SMART JET



Full circle (J)



Code	Description	Flow Rate	Nozzle
131148	Smart Jet 360°	20L/h	Black
131145	Smart Jet 360°	28L/h	Orange
131143	Smart Jet 360°	35L/h	Blue
131144	Smart Jet 360°	46L/h	Violet
131142	Smart Jet 360°	55L/h	Green
131146	Smart Jet 360°	68L/h	Yellow
131147	Smart Jet 360°	79L/h	Red

Pressure compensating full circle (J)



Code	Description	Flow Rate	Nozzle
133148	Smart Jet 360° PC	20L/h	Black
133145	Smart Jet 360° PC	28L/h	Orange
133143	Smart Jet 360° PC	35L/h	Blue
133144	Smart Jet 360° PC	46L/h	Violet
133142	Smart Jet 360° PC	55L/h	Green
133146	Smart Jet 360° PC	68L/h	Yellow
133147	Smart Jet 360° PC	79L/h	Red

Insect proof full circle (J)



Code	Description	Flow Rate	Nozzle
132148	Smart Jet 360° IP	20L/h	Black
132145	Smart Jet 360° IP	28L/h	Orange
132143	Smart Jet 360° IP	35L/h	Blue
132144	Smart Jet 360° IP	46L/h	Violet
132142	Smart Jet 360° IP	55L/h	Green
132146	Smart Jet 360° IP	68L/h	Yellow
132147	Smart Jet 360° IP	79L/h	Red

Pressure compensating insect proof full circle (J)



Code	Description	Flow Rate	Nozzle
134148	Smart Jet 360° PCIP	20L/h	Black
134145	Smart Jet 360° PCIP	28L/h	Orange
134143	Smart Jet 360° PCIP	35L/h	Blue
134144	Smart Jet 360° PCIP	46L/h	Violet
134142	Smart Jet 360° PCIP	55L/h	Green
134146	Smart Jet 360° PCIP	68L/h	Yellow
134147	Smart Jet 360° PCIP	79L/h	Red

Other Spray Distribution patterns are available.

SMART JET

Full circle (J)



Code	Description	Flow Rate	Nozzle
131148071	Smart Jet 360° c/w 60cm PE tube	20L/h	Black
131145071	Smart Jet 360° c/w 60cm PE tube	28L/h	Orange
131143071	Smart Jet 360° c/w 60cm PE tube	35L/h	Blue
131144071	Smart Jet 360° c/w 60cm PE tube	46L/h	Violet
131142071	Smart Jet 360° c/w 60cm PE tube	55L/h	Green
131146071	Smart Jet 360° c/w 60cm PE tube	68L/h	Yellow
131147071	Smart Jet 360° c/w 60cm PE tube	79L/h	Red

Pressure compensating full circle (J)



Code	Description	Flow Rate	Nozzle
133148071	Smart Jet 360° c/w 60cm PE tubePC	20L/h	Black
133145071	Smart Jet 360° c/w 60cm PE tubePC	28L/h	Orange
133143071	Smart Jet 360° c/w 60cm PE tubePC	35L/h	Blue
133144071	Smart Jet 360° c/w 60cm PE tubePC	46L/h	Violet
133142071	Smart Jet 360° c/w 60cm PE tubePC	55L/h	Green
133146071	Smart Jet 360° c/w 60cm PE tubePC	68L/h	Yellow
133147071	Smart Jet 360° c/w 60cm PE tubePC	79L/h	Red

Insect proof full circle (J)



Code	Description	Flow Rate	Nozzle
132148071	Smart Jet 360° c/w 60cm PE tubeIP	20L/h	Black
132145071	Smart Jet 360° c/w 60cm PE tubeIP	28L/h	Orange
132143071	Smart Jet 360° c/w 60cm PE tubeIP	35L/h	Blue
132144071	Smart Jet 360° c/w 60cm PE tubeIP	46L/h	Violet
132142071	Smart Jet 360° c/w 60cm PE tubeIP	55L/h	Green
132146071	Smart Jet 360° c/w 60cm PE tubeIP	68L/h	Yellow
132147071	Smart Jet 360° c/w 60cm PE tubeIP	79L/h	Red









Pressure compensating insect proof full circle (J)



Code	Description	Flow Rate	Nozzle
134148071	Smart Jet 360° c/w 60cm PE tubePCIP	20L/h	Black
134145071	Smart Jet 360° c/w 60cm PE tubePCIP	28L/h	Orange
134143071	Smart Jet 360° c/w 60cm PE tubePCIP	35L/h	Blue
134144071	Smart Jet 360° c/w 60cm PE tubePCIP	46L/h	Violet
134142071	Smart Jet 360° c/w 60cm PE tubePCIP	55L/h	Green
134146071	Smart Jet 360° c/w 60cm PE tubePCIP	68L/h	Yellow
134147071	Smart Jet 360° c/w 60cm PE tubePCIP	79L/h	Red

Other Spray Distribution patterns are available.

SMART JET

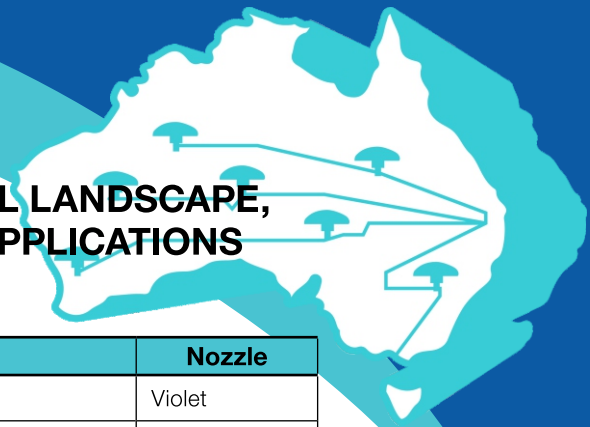
SMART JET & SMART JET IP- DISTRIBUTION PATTERNS AND WETTED DIAMETERS (m) Tested at 0.25m height												
Nozzle Colour	Nozzle Diameter (mm)	Pressure (bar)	Flow rate (l/h)									
				J	U	C	A low	A high	S **	SF **	H	I (inverted) *
Black	0.64	0.7	15	3.3	3.8	4.7	3.2	3.7	3.2	1.9	3.7	3.2
		1.0	19	3.9	4.0	5.0	3.9	4.3	3.7	2.6	4.4	3.8
		1.5	23	4.2	4.6	5.6	4.3	4.6	4.2	3.4	5.2	4.2
		2.0	27	4.4	4.8	5.9	4.7	4.8	4.3	4.0	5.7	4.8
		2.5	30	4.7	5.3	6.5	4.8	5.4	4.5	3.8	6.2	5.1
		3.0	33	4.8	5.6	6.7	5.2	5.6	4.7	3.8	6.4	5.3
Orange	0.86	0.7	23	3.8	4.4	5.4	3.7	4.3	3.9	3.2	4.1	3.8
		1.0	28	4.4	4.8	6.1	4.3	4.8	4.4	4.0	5.0	4.4
		1.5	34	5.0	5.6	7.1	5.2	5.8	4.8	4.5	5.6	5.3
		2.0	40	5.4	6.2	7.6	5.5	6.2	4.9	4.6	6.5	5.9
		2.5	45	5.6	6.7	8.6	5.8	6.5	5.3	4.6	7.0	6.7
		3.0	49	6.0	7.2	9.1	6.1	7.0	5.5	4.6	7.4	7.4
Blue	0.94	0.7	28	4.1	4.5	6.0	4.5	4.8	4.3		4.3	4.4
		1.0	34	4.8	5.2	6.9	5.1	5.7	4.7		5.1	4.9
		1.5	42	5.7	6.0	7.9	5.7	6.2	5.1		6.1	5.9
		2.0	49	6.2	6.5	8.9	6.3	7.0	5.5		6.9	6.7
		2.5	54	6.6	6.9	9.5	6.7	7.3	5.9		8.0	7.0
		3.0	60	7.1	7.1	10.2	7.1	7.8	6.4		8.6	7.5
Violet	1.10	0.7	39	5.0	5.4	6.7	4.8	5.6	4.8		5.1	4.8
		1.0	46	6.1	6.1	7.8	5.7	6.2	5.3		5.9	5.5
		1.5	57	6.6	7.3	8.7	6.2	7.2	6.1		6.7	6.4
		2.0	66	7.3	7.9	9.9	7.1	7.8	6.7		8.2	7.4
		2.5	74	7.8	8.6	10.8	7.6	8.7	7.1		9.2	8.2
		3.0	81	8.4	9.1	11.7	7.8	9.1	7.6		10.1	8.6
Green	1.20	0.7	45	4.9	6.0	6.9	5.1	5.8	5.1		5.5	5.0
		1.0	54	5.9	6.7	8.1	6.1	6.9	5.8		6.7	6.0
		1.5	67	6.9	7.6	9.2	6.9	7.8	6.3		7.7	7.1
		2.0	78	7.7	8.6	10.6	7.3	8.4	6.9		8.7	8.2
		2.5	86	8.6	9.3	11.4	8.0	8.7	7.4		10.1	8.9
		3.0	95	9.5	10.0	12.5	8.4	9.3	8.3		10.8	9.5
Yellow	1.34	0.7	57	5.7	11.3	7.3	6.0	6.5	5.6		5.9	5.7
		1.0	68	6.7	7.0	8.5	6.9	7.4	6.5		7.0	7.1
		1.5	84	7.7	8.1	9.9	8.0	8.6	7.3		8.7	8.6
		2.0	96	8.5	9.7	11.5	8.7	9.4	8.0		9.9	9.6
		2.5	108	9.6	10.8	12.6	9.3	9.9	8.8		11.0	10.8
		3.0	119	10.6	11.3	13.4	9.7	10.2	9.5		11.6	11.4
Red	1.44	0.7	65	6.0	7.0	7.8	6.3	7.1	5.8		6.3	6.0
		1.0	77	7.0	8.1	9.4	7.4	8.2	6.7		7.2	7.3
		1.5	96	8.3	9.7	11.0	8.6	9.7	7.6		9.3	8.9
		2.0	110	9.2	10.8	12.5	9.7	10.4	8.6		10.3	9.9
		2.5	124	10.1	11.7	13.4	10.8	11.2	9.4		11.7	11.0
		3.0	136	10.9	12.2	14.3	11.2	11.5	10.1		12.0	11.9
SMART JET PC & SMART JET PC IP- DISTRIBUTION PATTERNS AND WETTED DIAMETERS (m)												
Black	0.85	1.0-3.0 bar	19	3.2	3.7	4.5	3.9	4.3	3.3	2.9	3.8	3.5
Orange	1.05		28	3.7	4.4	4.7	4.0	4.5	3.8	3.2	4.2	4.1
Blue	1.15		35	4.1	5.0	5.4	4.3	4.9	4.1	3.6	4.9	4.7
Violet	1.25		46	4.6	5.7	5.9	4.9	5.5	4.6	3.8	5.7	5.1
Green	1.35		55	5.3	6.6	6.5	5.5	6.1	5.3	4.7	6.4	5.9
Yellow	1.55		67	5.7	7.1	7.4	6.0	6.5	5.7	5.1	6.7	6.3
Red	1.65		79	6.3	8.0	8.5	6.8	7.6	6.3	6.1	7.1	7.0

* Tested at 0.6m height

** Pattern width: 0.8 - 1.2 m

MODULAR

MICRO SPRINKLER FOR HOME AND COMMERCIAL LANDSCAPE, GREEN HOUSE, NURSERY AND AGRICULTURAL APPLICATIONS



90° deflector - black



Code	Description	Nozzle
251104	Modular c/w 35 lph nozzle, push-fit housing	Violet
251100	Modular c/w 43 lph nozzle, push-fit housing	Brown
251109	Modular c/w 70 lph nozzle, push-fit housing	Grey
251102	Modular c/w 105 lph nozzle, push-fit housing	Green
251105	Modular c/w 120 lph nozzle, push-fit housing	Orange

180° deflector - red



Code	Description	Nozzle
251204	Modular c/w 35 lph nozzle, push-fit housing	Violet
251200	Modular c/w 43 lph nozzle, push-fit housing	Brown
251209	Modular c/w 70 lph nozzle, push-fit housing	Grey
251202	Modular c/w 105 lph nozzle, push-fit housing	Green
251205	Modular c/w 120 lph nozzle, push-fit housing	Orange

360° concave deflector - orange



Code	Description	Nozzle
251304	Modular c/w 35 lph nozzle, push-fit housing	Violet
251300	Modular c/w 43 lph nozzle, push-fit housing	Brown
251309	Modular c/w 70 lph nozzle, push-fit housing	Grey
251302	Modular c/w 105 lph nozzle, push-fit housing	Green
251305	Modular c/w 120 lph nozzle, push-fit housing	Orange

360° flat spreader - yellow



Code	Description	Nozzle
251504	Modular c/w 35 lph nozzle, push-fit housing	Violet
251500	Modular c/w 43 lph nozzle, push-fit housing	Brown
251509	Modular c/w 70 lph nozzle, push-fit housing	Grey
251502	Modular c/w 105 lph nozzle, push-fit housing	Green
251505	Modular c/w 120 lph nozzle, push-fit housing	Orange

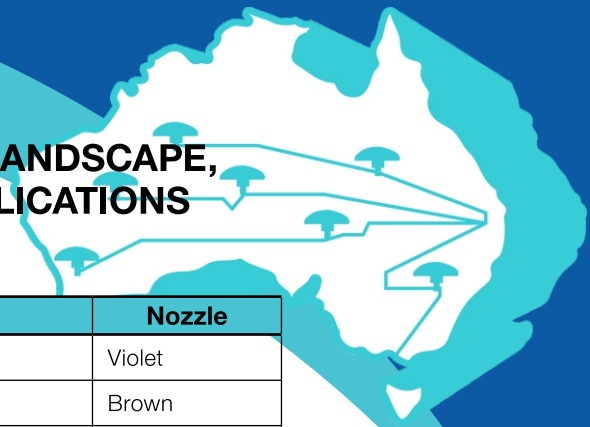
360° 12 jet spreader - green



Code	Description	Nozzle
251604	MODULAR c/w 35 lph nozzle, push-fit housing	Violet
251600	MODULAR c/w 43 lph nozzle, push-fit housing	Brown
251609	MODULAR c/w 70 lph nozzle, push-fit housing	Grey
251602	MODULAR c/w 105 lph nozzle, push-fit housing	Green
251605	MODULAR c/w 120 lph nozzle, push-fit housing	Orange

MODULAR

MICRO SPRINKLER FOR HOME & COMMERCIAL LANDSCAPE, GREEN HOUSE, NURSERY & AGRICULTURAL APPLICATIONS



Strip spreader-blue



Code	Description	Nozzle
251704	Modular c/w 35 lph nozzle, push-fit housing	Violet
251700	Modular c/w 43 lph nozzle, push-fit housing	Brown
251709	Modular c/w 70 lph nozzle, push-fit housing	Grey
251702	Modular c/w 105 lph nozzle, push-fit housing	Green
251705	Modular c/w 120 lph nozzle, push-fit housing	Orange

360° mist spreader-violet



Code	Description	Nozzle
251804	Modular c/w 35 lph nozzle, push-fit housing	Violet
251800	Modular c/w 43 lph nozzle, push-fit housing	Brown

360° small swivel-black



Code	Description	Nozzle
252304	Modular c/w 35 lph nozzle, push-fit housing	Violet
252300	Modular c/w 43 lph nozzle, push-fit housing	Brown
252309	Modular c/w 70 lph nozzle, push-fit housing	Grey
252302	Modular c/w 105 lph nozzle, push-fit housing	Green
252305	Modular c/w 120 lph nozzle, push-fit housing	Orange
252306	Modular c/w 160 lph nozzle, push-fit housing	Yellow

360° big swivel-orange



Code	Description	Nozzle
252402	Modular c/w 105 lph nozzle, push-fit housing	Green
252405	Modular c/w 120 lph nozzle, push-fit housing	Orange
252406	Modular c/w 160 lph nozzle, push-fit housing	Yellow
252403	Modular c/w 200 lph nozzle, push-fit housing	Blue
252401	Modular c/w 235 lph nozzle, push-fit housing	Ivory
252407	Modular c/w 260lph nozzle, push-fit housing	Red
252408	Modular c/w 300lph nozzle, push-fit housing	Black

360° anti-ant swivel-red + black cup



Code	Description	Nozzle
252904	Modular c/w 35 lph nozzle, push-fit housing	Violet
252900	Modular c/w 43 lph nozzle, push-fit housing	Brown
252909	Modular c/w 70 lph nozzle, push-fit housing	Grey
252902	Modular c/w 105 lph nozzle, push-fit housing	Green
252905	Modular c/w 120 lph nozzle, push-fit housing	Orange
252906	Modular c/w 160 lph nozzle, push-fit housing	Yellow
252903	Modular c/w 200 lph nozzle, push-fit housing	Blue

MODULAR

360° one-sided swivel-black



Code	Description	Nozzle
254304	Modular c/w 35 lph nozzle, push-fit housing	Violet
254300	Modular c/w 43 lph nozzle, push-fit housing	Brown
254309	Modular c/w 70 lph nozzle, push-fit housing	Grey
254302	Modular c/w 105 lph nozzle, push-fit housing	Green
254305	Modular c/w 120 lph nozzle, push-fit housing	Orange
254306	Modular c/w 160 lph nozzle, push-fit housing	Yellow
254303	Modular c/w 200 lph nozzle, push-fit housing	Blue
254301	Modular c/w 235 lph nozzle, push-fit housing	Ivory
254307	Modular c/w 260lph nozzle, push-fit housing	Red
254308	Modular c/w 300lph nozzle, push-fit housing	Black

360° one-sided swivel-blue extra range



Code	Description	Nozzle
254206	Modular c/w 160 lph nozzle, push-fit housing	Yellow
254203	Modular c/w 200 lph nozzle, push-fit housing	Blue
254201	Modular c/w 235 lph nozzle, push-fit housing	Ivory
252907	Modular c/w 260lph nozzle, push-fit housing	Red
252908	Modular c/w 300lph nozzle, push-fit housing	Black

360° inverted swivel-olive green



Code	Description	Nozzle
254504	Modular c/w 35 lph nozzle, push-fit housing	Violet
254500	Modular c/w 43 lph nozzle, push-fit housing	Brown
254509	Modular c/w 70 lph nozzle, push-fit housing	Grey
254502	Modular c/w 105 lph nozzle, push-fit housing	Green
254505	Modular c/w 120 lph nozzle, push-fit housing	Orange
254506	Modular c/w 160 lph nozzle, push-fit housing	Yellow
254503	Modular c/w 200 lph nozzle, push-fit housing	Blue
254501	Modular c/w 235 lph nozzle, push-fit housing	Ivory
254507	Modular c/w 260lph nozzle, push-fit housing	Red
254508	Modular c/w 300lph nozzle, push-fit housing	Black

WETTED DIAMETER (m) AT 2.0 BAR AND 0.25 m ABOVE GROUND LEVEL

Anti-mist colour (Ø)	Nozzle colour	Flow rate (l/h)	Nozzle ID (mm)	Static Spreaders								Swivels				
				90°	180°	Mist sprayer	Strip	Close-range spreader	Flat	12 Jet	Small black	Anti-ant	One sided black	One sided blue	Big orange	Inverted
	Violet	35	0.82	1.7	2.2	1.5	3.2	0.9	2.8	3.4	5.5	6.0	6.5			
	Brown	43	0.94	1.7	2.5	1.8	4.2	0.9	3.4	4.5	5.5	6.0	6.5			
	Grey	70	1.16	2.5	2.7		8.5	0.9	3.4	5.5	6.0	6.5	7.5			
	Green	105	1.41	3.5	2.7		9.0	0.9	3.4	6.0	6.0	7.0	7.5		9.0	8.0
	Orange	120	1.50	4.5	2.7		9.0	0.9	4.0	6.0	6.0	7.0	8.0		9.0	8.0
	Yellow	160	1.73								6.5	8.0	8.0	8.0	9.0	9.0
	Blue	200	1.92									8.0	8.5	8.5	9.0	9.0
	Ivory	235	2.07										8.5	9.0	10.0	9.0
	Red	260	2.18										8.5	10.0	10.0	9.0
	Black	300	2.34										9.0	10.5	10.0	9.5
Green /0.94	Green	40	1.41	2.0	1.2		2.8	0.8	3.5	2.5	4.0					4.5
Orange /1.16	Orange	70	1.50	2.2	2.2		5.0	0.8	3.5	4.5	5.0					6.0
Yellow /1.40	Yellow	90	1.73	2.5	2.5		5.5	0.9	4.0	5.0	5.5					6.0
Blue /1.50	Blue	120	1.92	2.5	2.7		7.0	1.0	4.0	6.0	6.0					6.5

* Inverted swivel tested at 0.6 and 1.8 m ** Only for upright use

FLIPPER



Frost mitigation sprinkler

Micro sprinkler, excellent results for vine yards and row cropping orchards

Code	Description	Nozzle
172708	Flipper c/w 25 lph nozzle, quick connect housing	Black
172704	Flipper c/w 35 lph nozzle, quick connect housing	Violet
172700	Flipper c/w 43 lph nozzle, quick connect housing	Brown

Accessories



	Code	Description	Colour
1	771908	Flow regulator 25 lph, barbed housing	Black
2	771904	Flow regulator 35 lph, barbed housing	Violet
1	771900	Flow regulator 43 lph, barbed housing	Brown
2	772018	Sway Black	
2	771018	Sway Brown	
3	772020	Mounting devided suit flipper (new) barb x oring bayonet	
4	772503	Mounting devided suit flipper (new) + 30cm tube barb 4/7	
5	772520	Mounting devided suit flipper (new) + 200cm tube barb 4/7	

PERFORMANCE TABLE

Nozzle colour	Flipper colour	Flow rate (l/h) (at 2 bar)	Maximum recommended spacing (m) between flippers**
Black	Black	25*	6.0
Violet	Black	35*	7.0
Brown	Brown	43*	9.0

* For regulated unit: 2.5-4.0 bar

** When Flippers mounted 1.0 m above the target



Hadar 7110 mist spray

Code	Description	Nozzle
5176203	Hadar 7110 mister 70L/h + LPD with 3/8WW inlet	Orange

Other Micro Sprinklers in the Hadar 7110 range are available on import, subject to minimum order quantities.

SPARK

Spark is NaanDanJain's innovative concept for solar panel cleaning utilizing the proven Modular Sprinkler. The unique clip fits most solar panel frames on the market and holds the Modular Sprinkler at the best angle for optimal cleaning performance. Clean panels equals higher power output.

The Spark Solar Panel cleaning system:

- Saves on labour
- Reduces OH&S risks
- Potentially allows rows of panels to be spaced closer together
- Is easy to assemble and operate
- Provides immediate solution for cleaning in the event of unexpected dirt accumulation



Code	Description
SPKH12020	Spark Half Circle Kit 120Lph with 20cm Butterfly Tube
SPKQ10520	Spark Quarter Circle Kit 105Lph with 20cm Butterfly Tube
790100	Fast-N-Fast Connector (Optional)

The Spark Kit includes 2 piece solar panel bracket, Modular Sprinkler and 20cm Butterfly Tube. Assembly is required during the installation of the Spark Solar Panel Cleaning Kit.





GREENHOUSE SPRINKLERS

Contents:

- Super Fogger, Fogger.....35
- Green Mist, Modular.....36
- GreenSpin Anti-Mist37



FOGGER

SUPER FOGGER

Cooling and Humidifying in Green Houses with integral LPD.
Available in high and medium pressure

Super Fogger x2

Two-sided Fogger with integrated LPD



Code	Description
197808	Super Fogger, female, blue (high pressure)
197208	Super Fogger, barbed 4/7, blue (High pressure)
197408	Super Fogger, threaded 3/8 W/W, blue (high pressure)
197802	Super Fogger, female, green (medium pressure)
197202	Super Fogger, barbed 4/7, green (medium pressure)
197402	Super Fogger, threaded 3/8 W/W, green (medium pressure)

Super Fogger x4

Four-sided Fogger with integrated LPD



Code	Description
197842	Super Fogger x4, female, green (medium pressure)
197242	Super Fogger x4, barbed 4/7, green (medium pressure)
197848	Super Fogger x4 female, blue (high pressure)
197248	Super Fogger x4, barbed 4/7, blue (high pressure)

Model	Medium pressure* (green cover)				High pressure (blue cover)			
	Flow rate (l/h) at 3.0 bar	Opening Pressure (bar)*	Closing Pressure (bar)	Average Droplet Size (micron)	Flow rate (l/h) at 4.0 bar	Opening Pressure (bar)	Closing Pressure (bar)	Average Droplet Size (micron)
Super Fogger x2	11.2	3.0	1.5	69	13	4.0	2.4	55
Super Fogger x4	20.8	3.0	1.5		24	4.0	2.4	

*Medium pressure model, maximum operating pressure 3.5 bar.

Cooling and Humidifying in Green Houses with individual components and a range of nozzle sizes.

Can be used as single outlet, tee or cross.

Fogger



	Code	Description
1	192804	1 Fogger 5.3lph violet nozzle
2	192803	1 Fogger 7 lph, blue nozzle
3	192805	1 Fogger 14 lph, orange nozzle
4	192807	1 Fogger 21 lph, red nozzle
5	192808	1 Fogger 28 lph, black nozzle
6	195803	2 Foggers 7 lph blue nozzle on tee
7	191803	4 Foggers 7 lph blue nozzle on cross
8	192863	1 Fogger 7 lph on blue super LPD 4/7 barb
9	195863	2 Foggers 7 lph on T on blue super LPD 4/7 barb
10	191863	4 Foggers 7 lph on cross on blue super LPD barb

FOGGER NOZZLES FLOW RATE (l/h)					
Nozzle Colour	Violet	Blue	Orange	Red	Black
3.0 bar	4.5	6.0	12.0	18.0	24.0
4.0 bar	5.3	7.0	14.0	21.0	28.0

GREEN MIST & MODULAR

Misting and Irrigation for propagation houses and benches



Green Mist

Dual-purpose emitter for misting & irrigation over propagation benches



	Code	Description
1	199802	Green Mist head
2	199832	Green Mist head on super LPD black, barb 4/7
3	1998021	Green Mist head on butterfly 4/7

FLOW RATE VS. PRESSURE				
Pressure (bar)	2.0	2.5	3.0	3.5
Flow (l/h)	30	34	37	40

MODULAR GREEN HOUSE SPRINKLERS

360° Mist spreader-violet



Code	Description	Nozzle
251804	Modular c/w 35 lph nozzle, push-fit housing	Violet
251800	Modular c/w 43 lph nozzle, push-fit housing	Brown

360° Inverted swivel-olive green



Code	Description	Nozzle
254504	Modular c/w 35 lph nozzle, push-fit housing	Violet
254500	Modular c/w 43 lph nozzle, push-fit housing	Brown
254509	Modular c/w 70 lph nozzle, push-fit housing	Grey
254502	Modular c/w 105 lph nozzle, push-fit housing	Green
254505	Modular c/w 120 lph nozzle, push-fit housing	Orange
254506	Modular c/w 160 lph nozzle, push-fit housing	Yellow
254503	Modular c/w 200 lph nozzle, push-fit housing	Blue
254501	Modular c/w 235 lph nozzle, push-fit housing	Ivory
254507	Modular c/w 260 lph nozzle, push-fit housing	Red
254508	Modular c/w 300 lph nozzle, push-fit housing	Black

GREENSPIN

**MICRO SPRINKLER, BRIDGELESS,
EXCELLENT UNIFORMITY FOR GREENHOUSES**



Inverted full circle, push fit base



Code	Description	Swivel	Nozzle
285900	GreenSpin 43 lph push-fit housing	Grey	Brown
285909	GreenSpin 70 lph push-fit housing		Grey
285902	GreenSpin 105 lph push-fit housing		Green
285905	GreenSpin 120 lph push-fit housing		Orange
285808	GreenSpin 160 lph push-fit housing	Black	Black
285803	GreenSpin 200 lph push-fit housing		Blue

PERFORMANCE TABLE GREEN SPIN AT 2 BAR PRESSURE

Swivel colour	Nozzle colour	Flow rate (l/h)	Wetted diameter (m)	Precipitaion rate (mm/h) Spacing (m)									
				1.5 x 3	2 x 3	3 x 3	2 x 4	3 x 4	4 x 4	3 x 5	5 x 5	3 x 6	
Grey	Brown	43	8.0	9.4	7	4.7							
	Grey	70	9.0	15.5	11.6	7.7	8.7	5.8	4.4				
	Green	105	9.0	23.4	17.5	11.7	13.3	8.8	6.6	7			
	Orange	120	9.5	26.4	19.8	13.2	14.8	9.9	7.4	7.9	4.7		
Black	Black	160	9.0	35.4	26.5	17.7	19.9	13.3	9.9	10.6	6.4	8.8	
	Blue	200	9.5	44.4	33.3	22.2	24.9	16.6	12.5	13.3	8	11.1	

*Tested at laboratory conditions at 2.0m above ground

Colour code distribution uniformity	CU>92%	CU=89-92%	CU=85-88%	CU<85%
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Anti-Mist

Used with GreenSpin and Modular sprinklers in single row applications



Code	Description	Colour
850012	Anti-Mist 40 lph suit green nozzle, push-fit housing	Green
850015	Anti-Mist 70 lph suit orange nozzle, push-fit housing	Orange
850016	Anti-Mist 90 lph suit yellow nozzle, push-fit housing	Yellow
850013	Anti-Mist 120 lph suit blue nozzle, push-fit housing	Blue



MICRO SPRINKLER ACCESSORIES

Contents:

- 4/7 Tubes38
- Spikes39
- Suspended tube assemblies40
- Super LPD41
- Accessories for Micro Sprinklers42
- Micro Sprinklers - parts 43-44
- Modular - parts45



4/7 TUBE



Micro tube PVC

with 4/7 Barb inlet, (for barbed base sprinklers)

Code	Description
797002	Micro tube PVC 20 cm
797005	Micro tube PVC 50 cm
797006	Micro tube PVC 60 cm
797008	Micro tube PVC 75 cm
797010	Micro tube PVC 100 cm
797012	Micro tube PVC 120 cm
797015	Micro tube PVC 150 cm
797020	Micro tube PVC 200 cm

Micro tube PE

with 4/7 Barb inlet, (for quick thread sprinklers)

Code	Description
797406	Micro tube PE 60 cm

Butterfly tube PVC

with 4/7 Barb inlet, Butterfly outlet (for push fit base sprinklers)

Code	Description	Box Qty
797030	Butterfly tube 60 cm	400
797032	Butterfly tube 75 cm	300
797038	Butterfly tube 100 cm	200
797040	Butterfly tube 120 cm	200
797042	Butterfly tube 150 cm	150
797044	Butterfly tube 200 cm	100

Tube 4/7 PVC



Code	Description	Length
6550284720	PVC tube 4 x 7 mm (200 m coil)	200 m

SPIKES

Spikes

	Code	Description
1	897908	Spike 31 black for Modular
2	897918	Spike 34 black for Modular, Smart Jet & Hurricane
3	897917	Spike 34 red for Modular, Smart Jet & Hurricane, high visibility
4	897938	Spike 36 black for Modular, 2002/2005
5	897948	Spike 37 black for 2002/2005, heavy duty
6	897947	Spike 37 red for 2002/2005, heavy duty, high visibility
7	JMPS	Spike to suit Modular, 2002/2005 450mm
	493202	Fibreglass Rod Red 4.5mm x 1.0m



Spike & butterfly tube

Spike & Butterfly Tube assembled

	Code	Description
1	797606	Spike 31 black + Butterfly tube 60cm
2	797806	Spike 34 black + Butterfly tube 60cm
3	797706	Spike 34 red + Butterfly tube 60cm
4	797906	Spike 36 black + Butterfly tube 60cm
5	797976	Spike 37 red + Butterfly tube 60cm
6	797936	Spike 37 black + Butterfly tube 60cm
7	JMPS06	JMPS Spike + Butterfly tube 60cm



SUSPENDED TUBE ASSEMBLIES

4/7 barb inlet with stabiliser

	Code	Description	Outlet Connection
1	797136	Suspended stand 20 cm, butterfly, suit push fit base	Push fit
	797140	Suspended stand 30 cm, butterfly, suit push fit base	Push fit
	797143	Suspended stand 60 cm, butterfly, suit push fit base	Push fit
2	797122	Suspended stand 20 cm, fast-n-fast, suit 4/7 barbed base	F-N-F
	797124	Suspended stand 30 cm, fast-n-fast, suit 4/7 barbed base	F-N-F
	797129	Suspended Stand 60cm, fast-n-fast, suit 4/7 barbed base	F-N-F
3	797443	Suspended stand 30 cm, + Super LPD, suit push fit base	Push fit
	797446	Suspended stand 60 cm, + Super LPD, suit push fit base	Push fit

3/8" W/W inlet with stabiliser

	Code	Description	Outlet Connection
4	797179	Suspended stand 20 cm, butterfly, suit push fit base	Push fit
	797180	Suspended stand 30 cm, butterfly, suit push fit base	Push fit
	797182	Suspended stand 60 cm, butterfly, suit push fit base	Push fit
5	797189	Suspended stand 20 cm, fast-n-fast, suit 4/7 barbed base	F-N-F
	797190	Suspended stand 30 cm, fast-n-fast, suit 4/7 barbed base	F-N-F
	797192	Suspended stand 60 cm, fast-n-fast, suit 4/7 barbed base	F-N-F
6	797473	Suspended stand 30 cm + Super LPD, suit push fit base	Push fit
	797476	Suspended stand 60 cm + Super LPD, suit push fit base	Push fit

1/2" male BSP inlet with stabiliser*

	Code	Description	Outlet Connection
7	797431	Suspended Stand 20cm, Male Bayonet + butterfly, suit push fit base	Push fit
	797430	Suspended Stand 30cm, Male Bayonet + butterfly, suit push fit base	Push fit
8	797125	Suspended Stand 30cm, Male Bayonet + fast-n-fast, suit 4/7 barb base	F-N-F
	797126	Suspended Stand 60cm, Male Bayonet + fast-n-fast, suit 4/7 barb base	F-N-F
9	484921	Adaptor 1/2" MBSP x Female Bayonet	

*must order adaptor and suspended stand.
Other lengths and combinations are available.
Please talk to your regional sales manager or customer care.



SUPER LPD

Super LPD

Leakage prevention device



Code	Description	Body Colour
790308	SUPER LPD black, female inlet, suit Greenmist, Greenspin and Modular	Black
790328	SUPER LPD black, barb 4/7 inlet, suit Greenmist, Greenspin and Modular	
790348	SUPER LPD black, 3/8" W/W inlet, suit Greenmist, Greenspin and Modular	
790302	SUPER LPD green, female inlet, suit Fogger medium pressure	Green
790322	SUPER LPD green, barb 4/7 inlet, suit Fogger medium pressure	
790342	SUPER LPD green, 3/8" W/W inlet, suit Fogger medium pressure	
790303	SUPER LPD blue, female inlet, suit Fogger high pressure	Blue
790323	SUPER LPD blue, barb 4/7 inlet, suit Fogger high pressure	
790343	SUPER LPD blue, 3/8" W/W inlet, suit Fogger high pressure	

Retrofit super LPD

Leakage prevention device



Code	Description	Body Colour
790388	SUPER LPD N/fim male Inlet x NDJ male outlet LP	Black
790428	SUPER LPD 4/7 barb inlet x N/fim female outlet LP	
790448	SUPER LPD 3/8" WW Inlet x N/fim female outlet LP	
790488	SUPER LPD N/fim male Inlet x N/fim female outlet LP	
790382	SUPER LPD N/fim male Inlet x NDJ male outlet MP	Green
790422	SUPER LPD 4/7 barb inlet x N/fim female outlet MP	
790442	SUPER LPD 3/8" WW Inlet x N/fim female outlet MP	
790482	SUPER LPD N/fim male Inlet x N/fim female outlet MP	
790383	SUPER LPD N/fim male Inlet x NDJ male outlet HP	Blue
790423	SUPER LPD 4/7 barb inlet x N/fim female outlet HP	
790443	SUPER LPD 3/8" WW Inlet x N/fim female outlet HP	
790483	SUPER LPD N/fim male Inlet x N/fim female outlet HP	

OPERATING PRESSURE (bar)		
	Opening	Closing
Low-Pressure Super LPD	1.4	0.6
Medium-Pressure Super LPD	3.0	1.5
High-Pressure Super LPD	4.0	2.4

Punch



Code	Description
897285	PUNCH 3.2mm, suit 4/7 barb

ACCESSORIES FOR MICRO SPRINKLERS

1



1

897030

Butterfly 3/8" x 4/7

2



2

897010

Butterfly barb 4/7, black

3



3

897016

Butterfly 3/8" W/W

4



4

897017

Butterfly quick thread

5



5

897012

Butterfly thread 1/4"

6



6

897013

Butterfly N/fim male x NDJ male

7



7

897002

Head 3/8" BSP

8



8

897001

Head 1/2" BSP

9

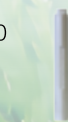


9

JSDACTGS

Female push fit x 4/7 barb

10



10

J67202J1000

Stabiliser 13cm for suspended stand

11



11

897032

Barb 4/7 x 4/7

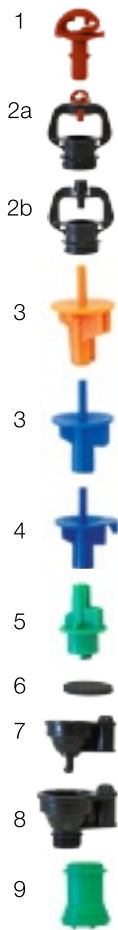
ACCESSORIES FOR MICRO SPRINKLERS



	Code	Description
13	897055	Fast-n-Fast plug
14	790100	Fast-n-Fast connector
15	897272	Socket 1/2" BSPT
16	897270	Nipple 1/2" x 1/2"
17	890300	Filter for LPD
18	769308	Mini valve for Modular group & Jard-Micro 4/7
19	891018	Elbow °45
20	850018	Plug
21	891020	Tee
22	891014	Cross
23	897050	Adaptor NDJ female x N/fim female

MICRO SPRINKLERS - PARTS

2002 AquaSmart



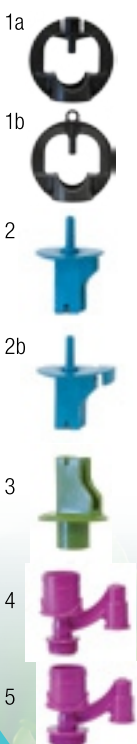
	Code	Description
1	815007	Top bearing
2a	717600	Bridge with top bearing
2b	717000	Bridge with spring
3	816308	Swivel: black
3	816305	Swivel: orange
3	816303	Swivel: blue
4	816318	Swivel: 2-stage, black
4	816313	Swivel: 2-stage blue
5	816202	Swivel: Inverted, green
6	810412	Rubber disk (EPDM), black
7	815500	Housing barbed
8	815504	Housing threaded 3/8MBSP & female push fit
9	71510X*	Nozzle including diaphragm
	815018	Disk cap (Locker)

* For X see the Colour code table below

*Colour Code for 2002 nozzles

No	0	2	3	4	5	6	9
Colour	Brown	Green	Blue	Violet	Orange	Yellow	Grey
Flow (l/h)	35	55	47	20	70	95	28

2005 AquaMaster



	Code	Description
1a	719000	Bridge with spring
1b	819605	Bridge with hook
2	819202	Swivel: green
2	819203	Swivel: blue
2	819208	Swivel: black
2b	819209	Swivel: grey
2b	819222	Swivel: green 2 Satge
2b	819223	Swivel: blue 2 stage
2b	819228	Swivel: black 2 stage
2b	819229	Swivel: grey 2 stage
3	819212	Swivel: Inverted, green
4	81911X*	Housing/nozzle - threaded 3/8" / female push fit
5	81912X*	Housing/nozzle - threaded 1/2" / female push fit

* For X see the Colour code table below

*Colour code for 2005 nozzles

No	0	1	2	3	4	5	6	7	8	9
Colour	Brown	Turquoise	Green	Blue	Violet	Orange	Yellow	Red	Black	Grey
Flow (l/h)	50	90	105	200	35	120	250	300	160	70

MODULAR - PARTS

Modular



	Code	Description
1	850308	Spreader: 90°, black
2	850302	Spreader: 12 jets, green
3	850303	Spreader: strip, blue
4	850314	Spreader: misting, violet
5	850305	Spreader: close-range, orange
6	850306	Spreader: flat, yellow
7	850218	Swivel: small, black
8	850317	Spreader: 180°, red (new)
9	850202	Swivel: Inverted, green
10	850215	Swivel: big, orange
11-a	850217	Swivel: insect-proof, red
11-b	850220	Swivel: insect-proof, cup, black
12	850208	Swivel: one-side, black
12	850228	Swivel: one-side, blue
13	850600	Bridge
14	*85010X	Nozzle (insert Colour code)
15	850090	Deflector

* For X see the Colour code table below

*Colour code for modular nozzles

No	0	1	2	3	4	5	6	7	8	9
Colour	Brown	Ivory	Green	Blue	Violet	Orange	Yellow	Red	Black	Grey
Flow (l/h)	43	235	105	200	35	120	160	260	300	70



DRIPLINE

Contents:

- Amnon family 46-49
- TopDrip HD family 50-52
- Turbo Slim family 53-55
- Chapin.....56

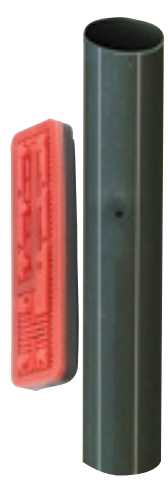
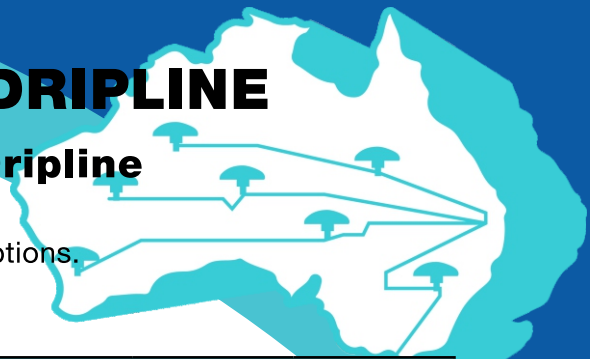


PRESSURE COMPENSATING DRIPLINE

Amnon 16mm Pressure Compensating Dripline

Amnon 16mm Dripline is available as either PC AS (Anti-syphon) or CNL (Non-Drain), with various flow rates and wall thickness options.

Amnon is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)	Price per Metre	Price Per Coil
Amnon PC AS 16mm with 1.0mm (39mil) Wall supplied on Cardboard Spools					
922163911030C0I	Amnon PC AS 16mm 1.1Lph	0.30m	400		POA
922163911040C0I		0.40m			
922163911050C0I		0.50m			
922163911060C0I		0.60m			
922163911075C0I		0.75m			
922163911100C0I		1.00m			
922163916030C0I	Amnon PC AS 16mm 1.6Lph	0.30m	400		POA
922163916040C0I		0.40m			
922163916050C0I		0.50m			
922163916060C0I		0.60m			
922163916075C0I		0.75m			
922163916100C0I		1.00m			
922163922030C0I	Amnon PC AS 16mm 2.2Lph	0.30m	400		POA
922163922040C0I		0.40m			
922163922050C0I		0.50m			
922163922060C0I		0.60m			
922163922075C0I		0.75m			
922163922100C0I		1.00m			
922163938030C0I	Amnon PC AS 16mm 3.8Lph	0.30m	400		POA
922163938040C0I		0.40m			
922163938050C0I		0.50m			
922163938060C0I		0.60m			
922163938075C0I		0.75m			
922163938100C0I		1.00m			

Pressure regulating range: PC AS 0.5 - 4.0 bar, CNL 1.0 - 4.0 bar
 Recommended Filtration : 130 micron
 Alternative spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

Amnon 17mm Pressure Compensating Dripline

Amnon 17mm Dripline is available as either PC AS (Anti-syphon) or CNL (Non-Drain), with various flow rates and wall thickness options.

Amnon is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)	Price per Metre	Price Per Coil
Amnon PC AS 17mm with 1.0mm (39mil) Wall supplied on Cardboard Spools					
922173911030C0I	Amnon PC AS 17mm 1.1Lph	0.30m	400		POA
922173911040C0I		0.40m			
922173911050C0I		0.50m			
922173911060C0I		0.60m			
922173911075C0I		0.75m			
922173911100C0I		1.00m			
922173916030C0I	Amnon PC AS 17mm 1.6Lph	0.30m	400		POA
922173916040C0I		0.40m			
922173916050C0I		0.50m			
922173916060C0I		0.60m			
922173916075C0I		0.75m			
922173916100C0I		1.00m			
922173922030C0I	Amnon PC AS 17mm 2.2Lph	0.30m	400		POA
922173922040C0I		0.40m			
922173922050C0I		0.50m			
922173922060C0I		0.60m			
922173922075C0I		0.75m			
922173922100C0I		1.00m			
922173938030C0I	Amnon PC AS 17mm 3.8Lph	0.30m	400		POA
922173938040C0I		0.40m			
922173938050C0I		0.50m			
922173938060C0I		0.60m			
922173938075C0I		0.75m			
922173938100C0I		1.00m			

Pressure regulating range: PC AS 0.5 - 4.0 bar, CNL 1.0 - 4.0 bar
 Recommended Filtration : 130 micron
 Alternative spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

Amnon 20mm Pressure Compensating Dripline

Amnon 20mm Dripline is available as PC AS (Anti-syphon) or CNL (Non-Drain), with various flow rates and wall thickness options. Amnon is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
Amnon PC AS 20mm with 1.0mm (39mil) Wall supplied on Cardboard Spools			
922203911030C0I	Amnon PC AS 20mm 1.1Lph	0.30m	300
922203911040C0I		0.40m	
922203911050C0I		0.50m	
922203911060C0I		0.60m	
922203911075C0I		0.75m	
922203911100C0I		1.00m	
922203916030C0I	Amnon PC AS 20mm 1.6Lph	0.30m	300
922203916040C0I		0.40m	
922203916050C0I		0.50m	
922203916060C0I		0.60m	
922203916075C0I		0.75m	
922203916100C0I		1.00m	
922203922030C0I	Amnon PC AS 20mm 2.2Lph	0.30m	300
922203922040C0I		0.40m	
922203922050C0I		0.50m	
922203922060C0I		0.60m	
922203922075C0I		0.75m	
922203922100C0I		1.00m	
922203938030C0I	Amnon PC AS 20mm 3.8Lph	0.30m	300
922203938040C0I		0.40m	
922203938050C0I		0.50m	
922203938060C0I		0.60m	
922203938075C0I		0.75m	
922203938100C0I		1.00m	



Pressure regulating range: PC AS 0.5 - 4.0 bar, CNL 1.0 - 4.0 bar
 Recommended Filtration : 130 micron
 Alternative spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

Amnon 23mm Pressure Compensating Dripline

Amnon 23mm Dripline is available as PC AS (Anti-syphon) or CNL (Non-Drain), with various flow rates and wall thickness options. Amnon is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
Amnon PC AS 23mm with 1.0mm (39mil) Wall supplied on Cardboard Spools			
922233911030C0I	Amnon PC AS 23mm 1.1Lph	0.30m	300
922233911040C0I		0.40m	
922233911050C0I		0.50m	
922233911060C0I		0.60m	
922233911075C0I		0.75m	
922233911100C0I		1.00m	
922233916030C0I	Amnon PC AS 23mm 1.6Lph	0.30m	300
922233916040C0I		0.40m	
922233916050C0I		0.50m	
922233916060C0I		0.60m	
922233916075C0I		0.75m	
922233916100C0I		1.00m	
922233922030C0I	Amnon PC AS 23mm 2.2Lph	0.30m	300
922233922040C0I		0.40m	
922233922050C0I		0.50m	
922233922060C0I		0.60m	
922233922075C0I		0.75m	
922233922100C0I		1.00m	
922233938030C0I	Amnon PC AS 23mm 3.8Lph	0.30m	300
922233938040C0I		0.40m	
922233938050C0I		0.50m	
922233938060C0I		0.60m	
922233938075C0I		0.75m	
922233938100C0I		1.00m	

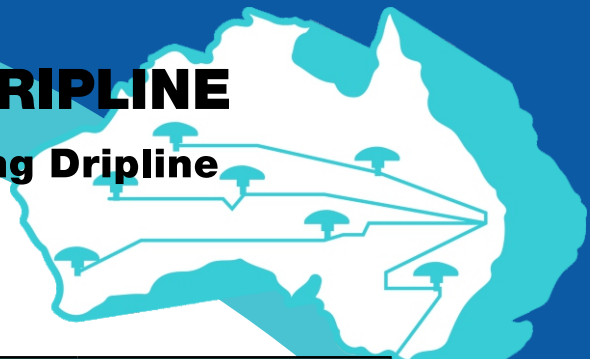
Pressure regulating range: PC AS 0.5 - 4.0 bar, CNL 1.0 - 4.0 bar
 Recommended Filtration : 130 micron
 Alternative spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

TopDrip HD 16mm Pressure Compensating Dripline

TopDrip HD 16mm is a PC AS (Anti-Syphon) Dripline, with various flow rate and wall thickness options.

TopDrip HD is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
TopDrip HD PC AS 16mm with 1.0mm (39mil) Wall supplied on Cardboard Spools			
932163910030C01	TopDrip HD PC AS 16mm 1.0Lph	0.30m	400
932163910040C01		0.40m	
932163910050C01		0.50m	
932163910060C01		0.60m	
932163910075C01		0.75m	
932163910100C01		1.00m	
932163916030C01	TopDrip HD PC AS 16mm 1.6Lph	0.30m	400
932163916040C01		0.40m	
932163916050C01		0.50m	
932163916060C01		0.60m	
932163916075C01		0.75m	
932163916100C01		1.00m	
932163922030C01	TopDrip HD PC AS 16mm 2.2Lph	0.30m	400
932163922040C01		0.40m	
932163922050C01		0.50m	
932163922060C01		0.60m	
932163922075C01		0.75m	
932163922100C01		1.00m	
932163935030C01	TopDrip HD PC AS 16mm 3.5Lph	0.30m	400
932163935040C01		0.40m	
932163935050C01		0.50m	
932163935060C01		0.60m	
932163935075C01		0.75m	
932163935100C01		1.00m	

Pressure regulating range: 0.4 - 3.0 bar

Recommended Filtration : 130 micron

Alternative flow rates, spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

TopDrip HD 20mm Pressure Compensating Dripline

TopDrip HD 20mm is a PC AS (Anti-Syphon) Dripline, with various flow rate and wall thickness options.

TopDrip HD is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
TopDrip HD PC AS 20mm with 1.0mm (39mil) Wall supplied on Cardboard Spools			
932203910030C0I	TopDrip HD PC AS 20mm 1.0Lph	0.30m	300
932203910040C0I		0.40m	
932203910050C0I		0.50m	
932203910060C0I		0.60m	
932203910075C0I		0.75m	
932203910100C0I		1.00m	
932203916030C0I	TopDrip HD PC AS 20mm 1.6Lph	0.30m	300
932203916040C0I		0.40m	
932203916050C0I		0.50m	
932203916060C0I		0.60m	
932203916075C0I		0.75m	
932203916100C0I		1.00m	
932203922030C0I	TopDrip HD PC AS 20mm 2.2Lph	0.30m	300
932203922040C0I		0.40m	
932203922050C0I		0.50m	
932203922060C0I		0.60m	
932203922075C0I		0.75m	
932203922100C0I		1.00m	
932203935030C0I	TopDrip HD PC AS 20mm 3.5Lph	0.30m	300
932203935040C0I		0.40m	
932203935050C0I		0.50m	
932203935060C0I		0.60m	
932203935075C0I		0.75m	
932203935100C0I		1.00m	

Pressure regulating range: 0.4 - 3.0 bar

Recommended Filtration : 130 micron

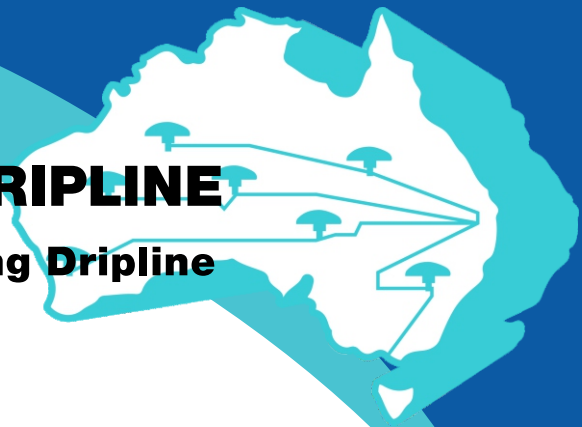
Alternative flow rates, spacings, wall thickness and coil lengths are available.

PRESSURE COMPENSATING DRIPLINE

TopDrip HD 23mm Pressure Compensating Dripline

TopDrip HD 23mm is a PC AS (Anti-Syphon) Dripline, with various flow rate and wall thickness options.

TopDrip HD is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
TopDrip HD PC AS 23mm with 1.0mm (39mil) Wall supplied on Cardboard Spools			
932233910030C0I	TopDrip HD PC AS 23mm 1.0Lph	0.30m	300
932233910040C0I		0.40m	
932233910050C0I		0.50m	
932233910060C0I		0.60m	
932233910075C0I		0.75m	
932233910100C0I		1.00m	
932233916030C0I	TopDrip HD PC AS 23mm 1.6Lph	0.30m	300
932233916040C0I		0.40m	
932233916050C0I		0.50m	
932233916060C0I		0.60m	
932233916075C0I		0.75m	
932233916100C0I		1.00m	
932233922030C0I	TopDrip HD PC AS 23mm 2.2Lph	0.30m	300
932233922040C0I		0.40m	
932233922050C0I		0.50m	
932233922060C0I		0.60m	
932233922075C0I		0.75m	
932233922100C0I		1.00m	
932233935030C0I	TopDrip HD PC AS 23mm 3.5Lph	0.30m	300
932233935040C0I		0.40m	
932233935050C0I		0.50m	
932233935060C0I		0.60m	
932233935075C0I		0.75m	
932233935100C0I		1.00m	

Pressure regulating range: S 0.4 - 3.0 bar

Recommended Filtration : 130 micron

Alternative flow rates, spacings, wall thickness and coil lengths are available.

DRIPLINE

Turbo Slim 17mm Drip Tape

Turbo Slim 17mm is a non compensating dripline available in various flow rates and wall thickness options.

Turbo Slim 17mm is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
Turbo Slim 17mm Supplied on Cardboard Spools			
TS 17-06-20-XX	Turbo Slim 17mm 6 mil (0.15mm) Wall Thickness	20cm	3200
TS 17-06-30-XX		30cm	
TS 17-06-50-XX		50cm	
TS 17-06-60-XX		60cm	
TS 17-08-20-XX	Turbo Slim 17mm 8 mil (0.2mm) Wall Thickness	20cm	2500
TS 17-08-30-XX		30cm	
TS 17-08-50-XX		50cm	
TS 17-08-60-XX		60cm	
TS 17-10-20-XX	Turbo Slim 17mm 10 mil (0.25mm) Wall Thickness	20cm	2250
TS 17-10-30-XX		30cm	
TS 17-10-50-XX		50cm	
TS 17-10-60-XX		60cm	
TS 17-15-20-XX	Turbo Slim 17mm 15 mil (0.38mm) Wall Thickness	20cm	1500
TS 17-15-30-XX		30cm	
TS 17-15-50-XX		50cm	
TS 17-15-60-XX		60cm	

XX Flow rates available 0.8, 1.3, 1.5, 2.1 and 4.0 Lph (at 1.0 bar)
Other wall thickness and spacing options are available.

DRIPLINE

Turbo Slim 22mm Drip Tape

Turbo Slim 22mm is a non compensating dripline available in various flow rates and wall thickness options.

Turbo Slim 22mm is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
Turbo Slim 17mm Supplied on Cardboard Spools			
TS 22-08-20-XX	Turbo Slim 22mm 8 mil (0.15mm) Wall Thickness	20cm	1500
TS 22-08-30-XX		30cm	
TS 22-08-50-XX		50cm	
TS 22-08-60-XX		60cm	
TS 22-10-20-XX	Turbo Slim 22mm 10 mil (0.2mm) Wall Thickness	20cm	1200
TS 22-10-30-XX		30cm	
TS 22-10-50-XX		50cm	
TS 22-10-60-XX		60cm	
TS 22-15-20-XX	Turbo Slim 22mm 15 mil (0.25mm) Wall Thickness	20cm	900
TS 22-15-30-XX		30cm	
TS 22-15-50-XX		50cm	
TS 22-15-60-XX		60cm	
TS 22-25-20-XX	Turbo Slim 22mm 25 mil (0.38mm) Wall Thickness	20cm	450
TS 22-25-30-XX		30cm	
TS 22-25-50-XX		50cm	
TS 22-25-60-XX		60cm	

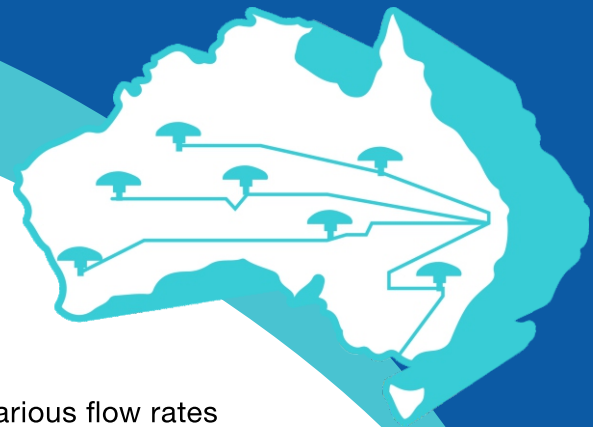
XX Flow rates available 0.8, 1.3, 1.5, 2.1 and 4.0 Lph (at 1.0 bar)
Other wall thickness and spacing options are available.

DRIPLINE

Turbo Slim 25mm Drip Tape

Turbo Slim 25mm is a non compensating dripline available in various flow rates and wall thickness options.

Turbo Slim 25mm is supplied on cardboard spools.



Code	Description	Dripper Spacing	Coil Length (m)
Turbo Slim 17mm Supplied on Cardboard Spools			
TS 25-08-20-XX	Turbo Slim 25mm 8 mil (0.15mm) Wall Thickness	20cm	1200
TS 25-08-30-XX		30cm	
TS 25-08-50-XX		50cm	
TS 25-08-60-XX		60cm	
TS 25-10-20-XX	Turbo Slim 25mm 10 mil (0.2mm) Wall Thickness	20cm	1100
TS 25-10-30-XX		30cm	
TS 25-10-50-XX		50cm	
TS 25-10-60-XX		60cm	
TS 25-15-20-XX	Turbo Slim 25mm 15 mil (0.25mm) Wall Thickness	20cm	900
TS 25-15-30-XX		30cm	
TS 25-15-50-XX		50cm	
TS 25-15-60-XX		60cm	
TS 25-25-20-XX	Turbo Slim 25mm 25 mil (0.38mm) Wall Thickness	20cm	400
TS 25-25-30-XX		30cm	
TS 25-25-50-XX		50cm	
TS 25-25-60-XX		60cm	

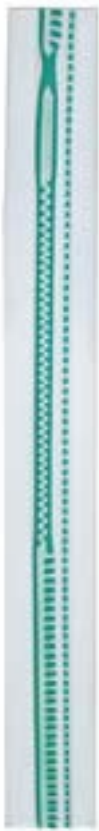


XX Flow rates available 0.8, 1.3, 1.5, 2.1 and 4.0 Lph (at 1.0 bar)
Other wall thickness and spacing options are available.

DRIPLINE

Chapin Drip Tape

Chapin Drip Tape is a thin wall tube available in 16mm and 22 mm diameters with various wall thicknesses. There are two versions available, BTF and Deluxe. The Deluxe tape has a continuous filter channel providing extremely high clog resistance



Code	Description	Wall Thickness (mil)	Coil Length (m)
Chapin Drip Tape supplied on Cardboard Spools			
J9BTF5804XXYYYS	Chapin BTF 16mm	4	4573
J9BTF5805XXYYYS		5	3659
J9BTF5806XXYYYS		6	3049
J9BTF5808XXYYYS		8	2287
J9BTF5810XXYYYS		10	1829
J9BTF5813XXYYYS		13	1524
J9BTF5815XXYYYS		15	1200
J9BTF7806XXYYYS	Chapin BTF 22mm	6	2287
J9BTF7808XXYYYS		8	1677
J9BTF7810XXYYYS		10	1372
J9BTF7813XXYYYS		13	1067
J9BTF7815XXYYYS		15	915
J9DLX5805XXYYYS	Chapin Deluxe 16mm	5	3659
J9DLX5806XXYYYS		6	3049
J9DLX5808XXYYYS		8	2287
J9DLX5810XXYYYS		10	1829
J9DLX5813XXYYYS		13	1524
J9DLX5815XXYYYS		15	1220
J9DLX7806XXYYYS	Chapin Deluxe 22mm	6	2287
J9DLX7808XXYYYS		8	1677
J9DLX7810XXYYYS		10	1372
J9DLX7813XXYYYS		13	1067
J9DLX7815XXYYYS		15	915

XX = OUTLET SPACING. Available Spacings are: 10, 15, 20, 30, 40 and 60cm.
 YYY = FLOW RATE Various flow rates are available, dependant on the outlet spacing.
 S = Standard coil length.



DRIPPERS

Contents:

- ClickTif HD..... 58
- ClickTif accessories..... 59
- ClickTif HD assemblies 60
- Turbo Drip..... 61-62



BUTTON DRIPPER

ClickTif HD

Heavy Duty Pressure Compensating (PC) and Compensating Non-Leakage (CNL) button dripper suitable for Green houses, nurseries, orchards, vine yards and landscape.

Taper Outlet		Barb Outlet		Outlet Colour	Flow Rate L/h
PC Green housing	CNL Grey housing	PC Green housing	CNL Grey housing		
CTPC13T	CTNL13T	CTPC13B	CTNL13B	Grey	1.3
CTPC20T	CTNL20T	CTPC20B	CTNL20B	Brown	2.0
CTPC30T	CTNL30T	CTPC30B	CTNL30B	Blue	3.0
CTPC40T	CTNL40T	CTPC40B	CTNL40B	Black	4.0
CTPC80T	CTNL80T	CTPC80B	CTNL80B	Green	8.0
CTPC12T	CTNL12T	CTPC12B	CTNL12B	Red	12.0

Taper Outlet fits 3/5 connectors , Barb Outlet fits 3/5 tube



1.3 L/h



4.0 L/h



2.0 L/h



8.0 L/h



3.0 L/h



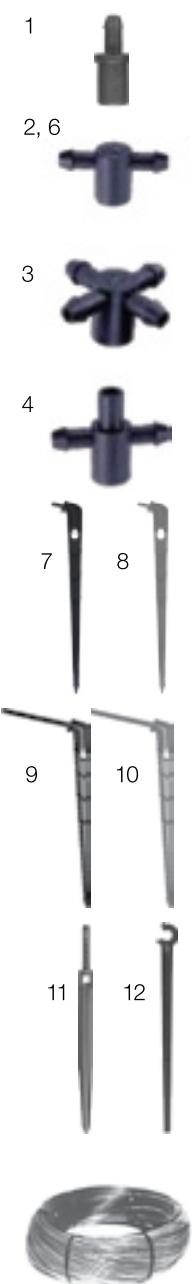
12.0 L/h

Regulating pressure range 1.0 - 4.0 bar.
 CNL closing pressure - 3.0m
 CNL opening pressure - 8.0m
 Recommended Filtration - 130 micron

BUTTON DRIPPER

ClickTif Accessories

For 3/5 tube



	Code	Description
1	802908	1 Outlet connector
2, 6	802920	2 Outlet connector
3	802940	4 Outlet connector
3	802928	2 Outlet Multi-level connector
4	802948	4 Outlet Multi-level connector
6	802960	Cap
7	802870	Drop Guide Slim - black
8	802880	Drop Guide Slim - grey
9	802850	Labyrinth Stake Slim - black
10	802860	Labyrinth Stake Slim - grey
11	802800	Labyrinth Stake Straight - black
12	6466040000	Stabilizer Stake - black
	802760	3/5mm PE Tube black x 0.6m
	802698	3/5mm PE Tube black x 0.75m
	802560	3/5mm PE Tube grey x 0.6m
	802575	3/5mm PE Tube grey x 0.75m
	6599285205	3/5mm PE Tube black x 100m coil
	6599280405	3/5mm PE Tube grey x 100m coil



Tools ClickTif

	Code	Description
1	897284	2.5 mm Hand Punch for ClickTif
2	6130210418	2.5mm Hand Gun Punch for ClickTif Dripper

BUTTON DRIPPER

ClickTif HD Assemblies

ClickTif HD CNL dripper with 3/5 PE tube and Drop Guide Slim



Code	Colour	Flow rate l/h	Tube (cm)	
CTNL13B0040116	Black Tube & Stake	1.3	40	
CTNL13B0050116			50	
CTNL13B0060116			60	
CTNL20B0040116		2.0	2.0	40
CTNL20B0050116				50
CTNL20B0060116				60
CTNL30B0040116		3.0	3.0	40
CTNL30B0050116				50
CTNL30B0060116				60
CTNL13B0040217	Grey Tube & Stake	1.3	40	
CTNL13B0050217			50	
CTNL13B0060217			60	
CTNL20B0040217		2.0	2.0	40
CTNL20B0050217				50
CTNL20B0060217				60
CTNL30B0040217		3.0	3.0	40
CTNL30B0050217				50
CTNL30B0060217				60

ClickTif HD Assemblies (w/o dripper)



	Code	Colour
1	CT1060116	1 outlet connector, black PE3/5 Tube x 60cm, black drop guide slim
	CT1060217	1 outlet connector, grey PE3/5 Tube x 60cm, grey drop guide slim
2	CT2060112	2 outlet connector, black PE3/5 Tube x 60cm, black labyrinth stake slim
	CT2060214	2 outlet connector, grey PE3/5 Tube x 60cm, grey labyrinth stake slim
3	CT4060112	4 outlet connector, black PE3/5 Tube x 60cm, black labyrinth stake slim
	CT4060214	4 outlet connector, grey PE3/5 Tube x 60cm, grey labyrinth stake slim
	CT4075112	4 outlet connector, black PE3/5 Tube x 75cm, black labyrinth stake slim

BUTTON DRIPPER



J-SC-PC-Plus

Button PC dripper

The dripper can be dismantled for easy cleaning



Product details			Packing
Code	Colour	Flow rate l/h	Qty
J67102J1500	Yellow	2.2	4,000
J67102J1505	Black	4.2	
J67102J1510	Blue	8.2	

J-Turbo Key Plus

Button dripper

The dripper can be dismantled for easy cleaning; punch diameter 2.9 mm



Product details			Packing
Code	Colour	Flow rate l/h	Qty
J67102J1550	Yellow	2	4,000
J67102J1560	Black	4	
J67102J1570	Blue	8	
J67102J1580	Green	14	

BUTTON DRIPPER

Turbo Drip - High Flow PC Dripper

The Turbo Drip is a high flow rate PC dripper with 4/7 barb inlet and outlet. It can be disassembled for maintenance if required.



Code	Flow rate L/h	Colour
771908	27	Black
771904	35	Violet
771900	43	Brown
771907	60	Red



27 L/h



35 L/h



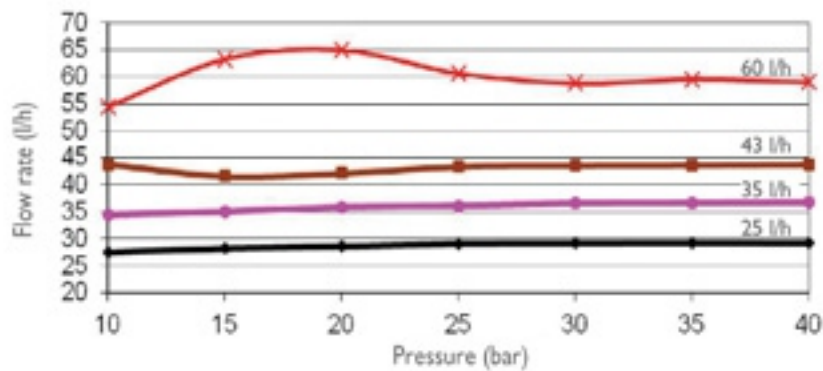
43 L/h



60 L/h



Code	Description
771908012	Turbo Drip 27L/h black with 60cm tube
771904012	Turbo Drip 35L/h violet with 60cm tube
771900012	Turbo Drip 43L/h brown with 60cm tube
771907012	Turbo Drip 60L/h red with 60cm tube
897918	Spike 34 black
897917	Spike 34 red





DRIP ACCESSORIES

Contents:

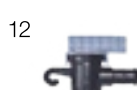
- Fittings-thick/medium wall dripline..... 63-67
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FITTINGS-THICK/MEDIUM WALL DRIPLINE

16 mm fittings suit Amnon & TopDrip HD (16mm OD)

Tavlit fittings to suit 16mm OD tube



	Code	Description	
1	483161	Joiner barbed 16 x 16	C16
2	6424040610	Male connector 16 x 1/2" MBSP	MA1612
2	6424040615	Male connector 16 x 3/4" MBSP	MA1634
3	6416040200	Y connector 16 x 3/4" MBSP	YC16
4	6423040010	Tee barbed 16 x 16 x 16	TC16
5	6423040410	Elbow barbed 16 x 16	E16
6	6431040400	Start connector 16 x 8mm barb suit LDPE*	ST16
7	6431999900	Grommet for PVC - (max wall 3mm)**	G-ST
8	6431040430	Start connector 16mm c/w grommet#	GS16
9	6280040010	Rubber grommet 16mm	G-16
10	6360044000	Valve barbed 16 x 16	V16
11	6360043000	Valve 16mm x 1/2" MBSP	VM1612
11	6360043005	Valve 16mm x 3/4" MBSP	VM1634
12	6360046050	Valve elbow 16 x 16 with hook	VE16H
13	6419300415	Figure 8 line end 16	ELP16E
14	6120040010	Drill for grommet 15.5mm (for PE)	GD155
14	6120040000	Drill for grommet 16.0mm (for PVC)	GD160
14	6120040020	Drill for grommet 16.5mm (for PVC)	GD165

* Tavlit ST16 Start Connector can push directly into PE pipe. Use 8mm hole punch

** The Tavlit G-ST Grommet can be used with the ST16 Start Connector for PVC pipe with a wall thickness up to 3mm. 16mm Hole required

GS16 comes complete with a G-16 grommet. Hole size required, 15.5 for PE 16 or 16.5 for PVC

FITTINGS-THICK/MEDIUM WALL DRIPLINE

16 mm fittings suit Amnon & TopDrip HD (16mm OD)

Antelco Fittings (14mm) to suit 16mm OD tube



	Code	Description
1	DFA47018	Joiner double barb 14mm x 14mm
2	DFA47128	Elbow double barb 14mm x 14mm
3	DFA47418	Tee double barb 14mm x 14mm x 14mm
4	DFA47488	Increasing tee double barb 14 x 19 x 14
5	DFA47758	Reducing tee double barb 19 x 14 x 19
6	DFA47698	Reducing tee double barb 25 x 14 x 25
7	DFA47618	End plug double barb 14mm
8	DFA45878	XPANDO take off 10mm Inlet x 14mm barb
9	DFA45728	CAPO rubber grommet 10mm
10	DFA51835	Drill bit 14mm to suit 10mm grommet
11	DFA45598	XPANDO take off 13mm Inlet x 14mm barb
12	DFA45738	CAPO rubber grommet 13mm
13	DFA51845	Drill Bit 16mm to suit 13mm grommet
14	DFA45578	Green back valve 14mm
15	DFA46678	Green back Valve 14mm x 3/4" MBSP
16	DFA44068	Nut & Tail 3/4" FBSP x 14mm
17	DFA44308	Ratchet clamp #15 (OD range 15 - 16mm)

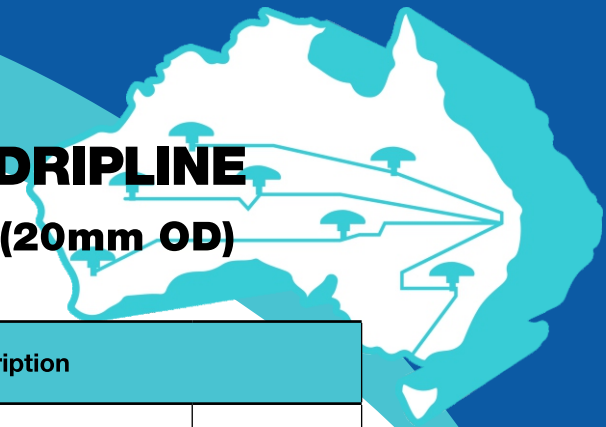
Code	Description
3030488	#15 SS clip clamp (15.5 - 17mm)
3030496	#16 SS clip clamp (16.5 - 18mm) for 1.2mm wall tube
790716	Lateral flush valve 16mm barb
790616	Lateral LPD 16mm barb inlet 1/2 FBSP outlet



FITTINGS-THICK/MEDIUM WALL DRIPLINE

20 mm fittings suit Amnon & TopDrip HD (20mm OD)

Tavlit fittings to suit 20mm OD tube



	Code	Description	
1	6423040630	Joiner barbed 20 x 20	C20
2	6423040850	Reducing joiner barbed 20 x 16	C2016
3	6424040630	Male connector 20 x 1/2" MBSP	MA2012
3	6424040635	Male connector 20 x 3/4" MBSP	MA2034
4	6416040600	Y connector 20 x 3/4" MBSP	YC20
5	6423040030	Tee barbed 20 x 20 x 20	TC20
6	6424040450	Elbow barbed 20 x 3/4" MBSP	ME2034
7	6431041000	Start connector 20 x 8mm barb suit LDPE*	ST20
8	6431999900	Grommet for PVC - (Max wall 3mm)**	G-ST
9	6431041020	Start connector 20mm c/w grommet#	GS20
10	6280040010	Rubber grommet 16mm	G-16
11	6360044040	Valve barbed 20 x 20	V20
12	6360043035	Valve 20mm x 3/4" MBSP	VM2034
13	6360046054	Valve elbow 20 x 20 with hook	VE20H
14	6419300425	Figure 8 line end 20	ELP20E
15	6120040010	Drill for grommet 15.5mm (for PE)	GD155
15	6120040000	Drill for grommet 16.0mm (for PVC)	GD160
15	6120040020	Drill for grommet 16.5mm (for PVC)	GD165

* Tavlit ST20 Start Connector can push directly into PE pipe. Use 8mm hole punch

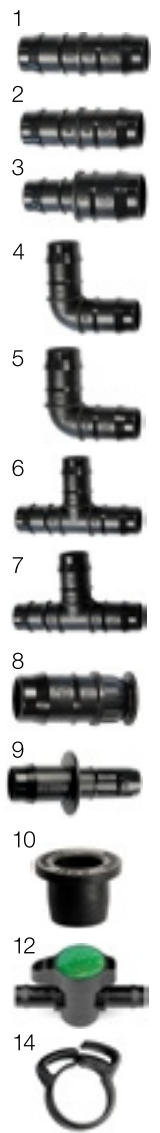
** The Tavlit G-ST Grommet can be used with the ST20 Start Connector for PVC pipe with a wall thickness up to 3mm. 16mm Hole required

GS20 comes complete with a G-16 grommet. Hole size required, 15.5 for PE 16 or 16.5 for PVC

FITTINGS-THICK/MEDIUM WALL DRIPLINE

20 mm fittings suit Amnon & TopDrip HD (20mm OD)

Antelco Fittings (18mm) to suit 20mm OD tube



	Code	Description
1	DFA47038	Joiner double barb 18mm x 18mm
2	DFA47158	Reducing joiner double barb 18mm x 19mm
3	DFA47178	Reducing joiner double barb 18mm x 25mm
4	DFA47238	Elbow double barb 18mm x 18mm
5	DFA47328	Reducing elbow double barb 18mm x 19mm
6	DFA47438	Tee double barb 18mm x 18mm x 18mm
7	DFA47528	Increasing tee double barb 18 x 19 x 18
8	DFA47638	End plug double barb 18mm
9	DFA45588	XPANDO take off 16mm Inlet x 18mm Barb
10	DFA45748	CAPO rubber grommet 16mm
11	DFA51855	Drill Bit 19mm to suit 16mm grommet
12	DFA45568	Green back valve 18mm
13	DFA46688	Green back valve 18mm x 3/4" MBSP
14	DFA44298	Ratchet clamp #20 (OD range 19 - 21mm)

Code	Description
483222	Barbed connector with silver ring 20 x 20



Code	Description
3030517	#18 SS clip clamp (18.5 - 20mm)
3030525	#19 SS clip clamp (19.5 - 21mm) suit 1.2mm wall tube
790720	Lateral flush valve 20mm Barb
790610	Lateral LPD 20mm barb Inlet 1/2 FBSP outlet



FITTINGS-THICK/MEDIUM WALL DRIPLINE

23 mm fittings suit Amnon & TopDrip HD (23mm OD)

Antelco Fittings (21mm) to suit 23mm OD tube



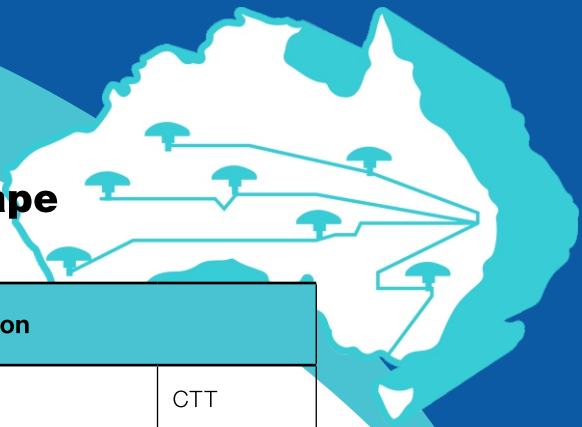
	Code	Description
1	DFA47048	Joiner double barb 21mm x 21mm
2	DFA47188	Reducing joiner double barb 21mm x 19mm
3	DFA46968	Reducing joiner double barb 21mm x 25mm
4	DFA47248	Elbow double barb 21mm x 21mm
5	DFA46188	Reducing elbow single barb 21mm x 19mm
6	DFA47448	Tee double barb 21mm x 21mm x 21mm
7	DFA46258	Reducing tee single Barb 21 x 19 x 21
8	DFA47648	End plug double barb 21mm
9	DFA45678	XPANDO take off 19mm inlet x 21mm Barb
10	DFA45758	CAPO rubber grommet 19mm
11	DFA51865	Drill Bit 22mm to suit 19mm grommet
12	DFA45538	Green back valve 21mm
13	DFA46598	Green back valve 21mm x 3/4" MBSP
14	DFA44288	Ratchet camp #23 (OD range 22 - 24mm)

Code	Description
3030550	#22 SS clip clamp (22.5 - 24mm)
3030568	#23 SS clip clamp (23.5 - 25mm) suit 1.2mm wall tube



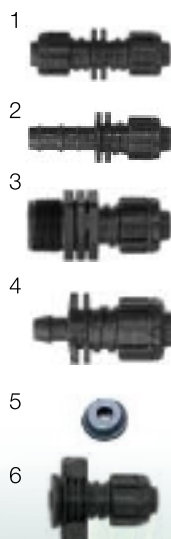
FITTINGS-THIN WALL DRIPLINE

Fittings to suit 16, 17mm and 5/8" drip tape with or without seam



	Code	Description	
1	6425040436	Joiner tape x tape	CTT
2	6425040438	Joiner tape x 16mm (OD) barb	TA1617
3	6425041003	Male adaptor tape x 1/2" MBSP	MA12TA
4	6425041005	Male adaptor tape x 3/4" MBSP	MA34TA
4	6431040404	Start connector 8mm barb no grommet	STTA
4	6431040402	Start connector 8mm barb c/w grommet	STTAGR
5	6431999900	Grommet for PVC - (max wall 3mm)**	G-ST
6	6431040403	Start connector for layflat	LFTA
7	6431040401	Valve start connector c/w grommet	VSTTAGR
8	6425040015	Valve tape x tape	VTA

Fittings to Suit 22, 23mm and 7/8" drip tape with or without seam



	Code	Description	
1	6425041015	Joiner tape x tape	CTT22
2	6425041017	Joiner tape x 20mm (OD) barb	TA2220
3	6425041007	Male adaptor tape x 3/4" MBSP	MA34TA22
4		Start connector 8mm barb no grommet	STTA22
4	6431040406	Start connector 8mm barb c/w grommet	STTA22GR
5	6431999900	grommet for PVC - (Max wall 3mm)**	G-ST
6	6431040405	Start connector for layflat	LFTA22

Fittings to Suit 25mm and 1" drip tape with or without seam

Code	Description	
6425041030	Joiner tape x tape	CTT25
	Male adaptor tape x 3/4" MBSP	MHTA34TA25

ANTELCO XPANDO TAKE-OFF FITTINGS

Antelco Xpando take-off adaptors



Code	Description
DFA45878	10mm inlet x 14mm barb take-off
DFA45608	13mm inlet x 13mm barb take-off
DFA45598	13mm inlet x 14mm barb take-off
DFA45638	16mm inlet x 16mm barb take-off
DFA45588	16mm inlet x 18mm barb take-off
DFA45668	19mm inlet x 19mm barb take-off
DFA45678	19mm inlet x 21mm barb take-off
DFA45688	19mm inlet x 25mm barb take-off

Antelco capo rubber grommets



Code	Description
DFA45728	10mm Rubber grommet
DFA45738	13mm Rubber grommet
DFA45748	16mm Rubber grommet
DFA45758	19mm Rubber grommet

Antelco drill bits



Code	Description
DFA51835	14mm for 10mm grommet
DFA51845	16mm for 13mm grommet
DFA51855	19mm for 16mm grommet
DFA51865	22mm for 19mm grommet

Xpando installation data

Xpando Inlet Size	Minimum Nominal Pipe Size	Minimum Wall	Maximum Wall
		Thickness	Thickness
10mm	25mm	1.5mm	3.6mm
13mm	40mm	1.5mm	2.3mm
16mm	50mm	1.5mm	3.6mm
19mm	50mm	1.5mm	6.0mm

Antelco plastic ratchet clamps



Code	Description
DFA44308	#15 (15-16mm OD) 13mm LD / 16mm OD
DFA44348	#17 (16-18mm OD) 17mm OD dripline
DFA44338	#18 (17-19mm OD) 16mm LD poly
DFA44298	#20 (19-21mm OD) 20mm OD dripline
DFA44318	#22 (21-23mm OD) 19mm LD poly
DFA44288	#23 (22-24mm OD) 23mm OD dripline
DFA44328	#28 (27-30mm OD) 25mm LD poly

STAINLESS STEEL CLIP CLAMPS

Clip clamps made from 304 stainless spring steel.
Band width = 8mm



Code	Clamp No.	Size Range (mm)	Pipe Suitability
3030470	14	14.5 - 16.0	13mm LD poly
3030488	15	15.5 - 17.0	16mm OD dripline
3030496	16	16.5 - 18.0	16mm OD (1.2mm Wall) 17mm OD
3030509	17	17.5 - 19.0	
3030517	18	18.5 - 20.0	20mm OD dripline
3030525	19	19.5 - 21.0	20mm OD dripline with 1.2mm wall
3030533	20	20.5 - 22.0	19mm LD poly *
3030541	21	21.5 - 23.0	19mm LD poly *
3030550	22	22.5 - 24.0	23mm OD dripline
3030568	23	23.5 - 25.0	23mm OD dripline with 1.2mm wall
3030605	27	27.5 - 29.0	25mm LD poly
3030699	36	36.0 - 38.0	32mm LD poly
3030390	Pliers		HD Pliers to suit clip clamps

* Most 19mm connection will require the #21 clamp
Some fitting may require #20 clamp.

This is a guide only and is based on our experience with NDJ driplines with Tavlit and Antelco fittings.
Other brands of fittings and different manufacturers of poly and dripline may require some variation of clamp sizes.

FLUSHING VALVES



Lateral flush valve

Automatic lateral flush valve for efficient dripline maintenance



	Code	Description
1	790701	Thread 1/2" NPT male
2	790702	Thread 3/4" BSP male
3	790716	Barb 16mm (for w.t 0.9-1.2mm, I.D 13.9)
4	790717	Barb 17mm (for w.t 0.9-1.2mm, I.D 14.4/14.6)
5	790720	Barb 20mm (for w.t 0.9-1.2mm, I.D 18.0)
6	790727	Tape 17mm (5/8") (for w.t 10-18mil I.D 15.4-16mm)
7	790722	Tape 22mm (7/8") (for w.t 25 mil, I.D 20.8mm)

The NDJ Lateral Flush Valve automatically flushes the lateral at the start of every irrigation cycle. It can be disassembled for easy cleaning if required.

Operating Pressure: 0.5 - 3.0 bar

Flushing time: 15-25 seconds

Flush Volume: 2-3 litres

LATERAL LPD



Dripline leakage prevention device



	Code	Inlet* (integral)*
1	790616	Barb 16 mm (for w.t 0.9-1.2mm, I.D 13.9)
2	790617	Barb 17 mm (for w.t 0.9-1.2mm, I.D 14.4/14.6)
3	790610	Barb 20 mm (for w.t 0.9-1.2mm, I.D 18.0)
4	790627	Tape 17 mm (5/8") (for w.t 10-18mil I.D 15.4-16mm)
5	790601	Thread 1/2" male x 1/2" female
6	790602	Thread 3/4" male x 1/2" female

All Lateral LPD have a 1/2" Female thread outlet

Operating Pressure (m)	
Operating Pressure	14m
Closing Pressure	6m

Lateral Discharge (L/h)	Head Loss (m)
250	0.1
500	0.2
750	0.8
1000	1.1
1250	1.3
1500	2.6

TOOLS

Tools and punches



	Code	Description
1	897284	Hand punch for ClickTif dripper 2.5mm (black)



2	6130210406	Hand punch for ClickTif dripper 2.5mm (blue)
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3	6130210418	Hand gun punch for ClickTif dripper 2.5mm
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3	6130210438	Hand gun punch for 4/7 barb 3.2mm
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4	897285	Hand punch for 4/7 barb 3.2mm (green)
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5	6130210200	Super punch and pusher for 8mm start connector
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6	6130210432	Hand gun punch for layflat
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7	6130040430	Hex tool for layflat connector
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8	6120040010	Drill for grommet 15.5mm (for PE)
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8	6120040000	Drill for grommet 16.0mm (for PVC)
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8	6120040020	Drill for grommet 16.5mm (for PVC)
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AG SPRINKLERS



For Assistance please contact Michael: 0488 917 285 or
michael@irrigationdirect.com.au