

METRIC CATALOGUE



20
23

Teco Srl

Professional Micro Irrigation
Products

Landscape & Agriculture



Quality from day ONE



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Adjustable 8 Stream Drippers

FEATURES and BENEFITS

- Rotation of the Ottima™ 360° cap allows simultaneous adjustment of flow rate and diameter of throw.
- Easy to increase or decrease the stream pattern.
- Gives a greater control of flow rate and diameter of throw compared to fixed flow emitters.
- Quick ON-OFF action.
- Four base options available, 4.5 mm Barb, 10-32 UNF Male Thread, 1/2" Female Thread and Spike.

APPLICATIONS

- Use for watering plants in small or large pots, planter boxes and also shrubs and trees in garden beds and landscaped areas.



PERFORMANCE DATA				
DRIPPERS		PRESSURE (bar)	FLOW (l/h)	DIAMETER OF THROW (m)
	Adjustable to Maximum (approx) 20 Clicks	1.0	0 - 40	0 - 0.5
		1.5	0 - 50	0 - 0.6
		2.0	0 - 60	0 - 0.8
Tested 200 mm above Ground Level				
Recommended operating pressure 1.0 bar				



Ottima™ 360°
1/2" Female Thread

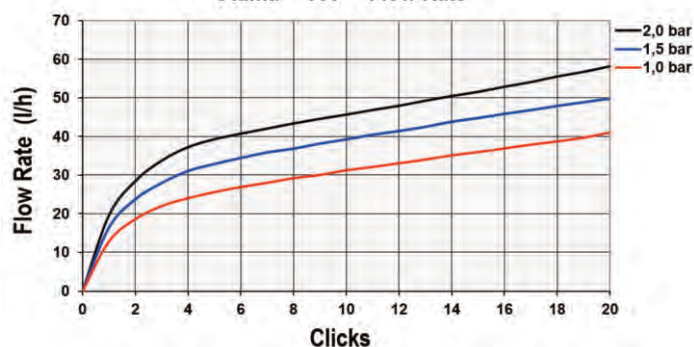


Ottima™ 360°
4.5 mm Barb

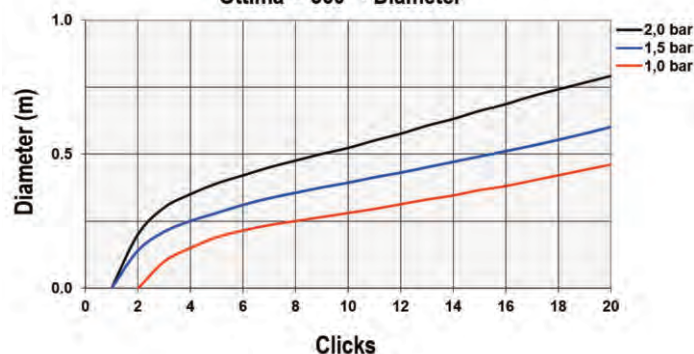


Ottima™ 360°
10-32 UNF Thread

Ottima™ 360° - Flow Rate



Ottima™ 360° - Diameter



Ottima™ 360°						
PACKAGING						
		Barb	Thread	Spike	In-Line Spike	1/2" Thread
Order Codes	Packs	200016	200026	200034	204294	202054
	Bulk	020001	020002	020003	020429	020205
Quantity per Bag	Packs	100	100	25	25	25
	Bulk	1000	1000	1000	1000	250
Bags per Carton	Packs	65	65	40	40	70
	Bulk	7	7	1	1	7
Weight per Carton (kg)	Packs	12.3	14.2	6.9	6.9	9.4
	Bulk	11.0	14.9	6.7	6.7	9.0
Base Inlet Connection		4.5 mm Barb	10-32 UNF Thread	4.5 mm Barb	4.5 mm Barb	1/2" Female Thread
Dimensions Assembled (mm)	Height	24	24	152	152	30
	Width	20	20	42	38	27
	Depth	16	16	16	16	27
	Weight (g)	1.7	2.0	5.7	5.5	4.6
Material		U.V. Stabilized				



Ottima 360°
Spike



Ottima 360°
In-Line Spike

Adjustable 5 Stream Drippers

FEATURES and BENEFITS

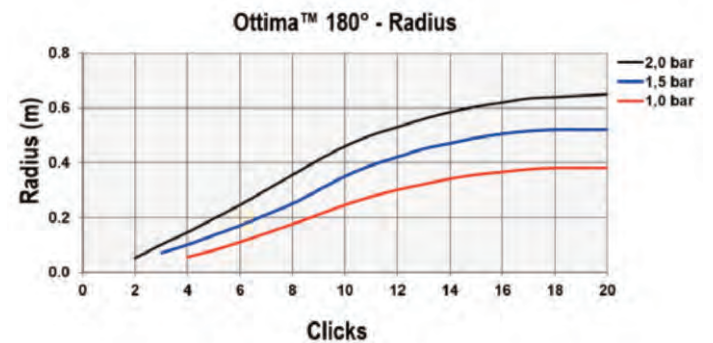
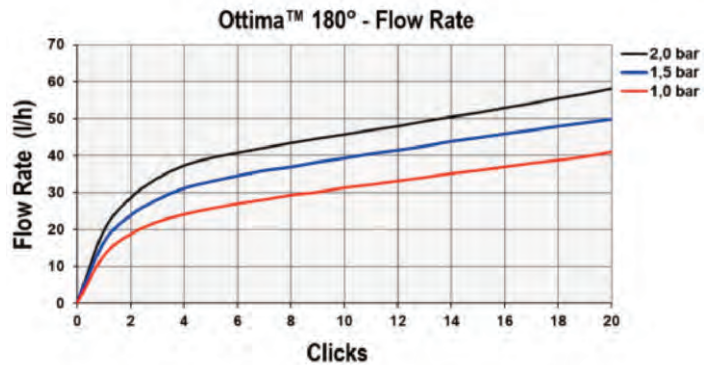
- Rotation of the Ottima™ 180° cap allows simultaneous adjustment of flow rate and diameter of throw.
- Easy to increase or decrease the stream pattern.
- Gives a greater control of flow rate and diameter of throw compared to fixed flow emitters.
- Quick ON-OFF action.
- Four base options available, 4.5 mm Barb, 10-32 UNF Male Thread, 1/2" Female Thread and Spike.

APPLICATIONS

- Use for watering plants in small or large pots, planter boxes and also shrubs and trees in garden beds and landscaped areas.



PERFORMANCE DATA				
DRIPPERS		PRESSURE (bar)	FLOW (l/h)	RADIUS OF THROW (m)
	Adjustable to Maximum (approx) 20 Clicks	1.0	0 - 40	0 - 0.38
		1.5	0 - 50	0 - 0.52
		2.0	0 - 60	0 - 0.65
Tested 200 mm above Ground Level				
Recommended operating pressure 1.0 bar				



Ottima™ 180°						
PACKAGING						
		Barb	Thread	Spike	In-Line Spike	1/2" Thread
Order Codes	Packs	201146	201156	201164	204314	202064
	Bulk	020114	020115	020116	020431	020206
Quantity per Bag	Packs	100	100	25	25	25
	Bulk	1000	1000	1000	1000	250
Bags per Carton	Packs	65	65	40	40	70
	Bulk	7	7	1	1	7
Weight per Carton (kg)	Packs	12.3	14.2	6.9	6.9	9.4
	Bulk	12.9	14.9	6.7	6.7	9.0
Base Inlet Connection		4.5 mm Barb	10-32 UNF Thread	4.5 mm Barb	4.5 mm Barb	1/2" Female Thread
Dimensions Assembled (mm)	Height	24	24	152	152	30
	Width	20	20	42	38	27
	Depth	16	16	16	16	27
	Weight (g)	1.7	2.0	5.7	5.5	4.6
Material		U.V. Stabilized				



Pressure Compensating Stream Drippers

FEATURES and BENEFITS

- Pressure Compensating Spike emitters with pre-defined discharge rates that maintain uniform output flow rate and diameter of throw when the inlet pressure of the supply system varies.
- Two Spikes are available: End-Line and In-Line, Colour Coded for easy identification
- Two Caps available: Ottima™ 180°, 5 Stream and Ottima™ 360°, 8 Stream
- The End-Line Ottima™ Spike PC 180° is available in three discharge rates, 20 l/h (Black) 30 l/h (Orange) and 40 l/h (Blue).
- The In-Line Ottima™ Spike PC 180° is available with two discharge rates, 20 l/h (Black) and 30 l/h (Orange)
- The End-Line Ottima™ Spike PC 360° is available with two discharge rates, 30 l/h (Orange) and 40 l/h (Blue).
- The In-Line Ottima™ Spike PC 360° is available with one discharge rate, 30 l/h (Orange)

APPLICATIONS

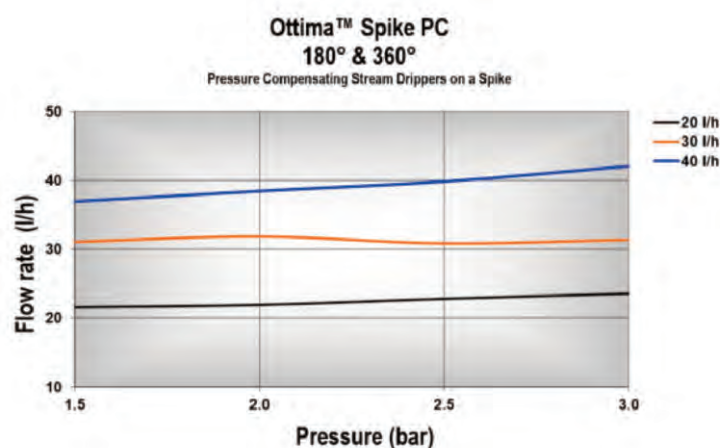
- Use for watering plants in small or large pots, garden beds and landscaped areas.



FILTRATION REQUIREMENTS

- Black, Orange and Blue Spikes: 130 microns (120 mesh)

PERFORMANCE DATA				Cap Patterns	
					
				180° x 5 Stream	360° x 8 Stream
DRIPPERS	COLOUR AND PRE-DEFINED FLOW RATE	PRESSURE (bar)	FLOW (l/h)	RADIUS OF THROW (m)	DIAMETER OF THROW (m)
	Black 20 l/h	1.5	21.6	0.18	
		2.0	21.9	0.20	
		2.5	22.8	0.20	
		3.0	23.6	0.20	
	Orange 30 l/h	1.5	31.1	0.38	0.25
		2.0	31.8	0.40	0.26
		2.5	30.9	0.40	0.26
		3.0	31.4	0.40	0.26
	Blue 40 l/h	1.5	36.9	0.48	0.35
		2.0	38.4	0.50	0.36
		2.5	39.8	0.50	0.36
		3.0	42.0	0.50	0.36
Recommended Operating Pressure 1.5 bar to 3.0 bar - Tested 200 mm above Ground Level					



Ottima™ Spike PC - 360° & 180°									
Cap Pattern		360°x 8 Stream			180°x 5 Stream				
Connection Type		End-Line		In-Line	End-Line			In-Line	
PACKAGING									
Colour and Flow Rate		30 l/h	40 l/h	30 l/h	20 l/h	30 l/h	40 l/h	20 l/h	30 l/h
Order Codes	Packs	203264	203274	204334	205114	204354	204364	205134	204374
	Bulk	020326	020327	020433	020511	020435	020436	020513	020437
Quantity per Bag	Packs	25							
	Bulk	1000							
Bags per Carton	Packs	40							
	Bulk	1							
Weight per Carton (kg)	Packs	7.9							
	Bulk	7.7							
Base Inlet Connection		4.5 mm Barb							
Dimensions Assembled (mm)	Height	152							
	Width	27		38	27			38	
	Depth	17							
	Weight (g)	9.5							
Material		U.V. Stabilized							



Ottima™ Spike PC 360°, 30 lph End-Line



Ottima™ Spike PC 180°, 20 lph In-Line

Umbrella Pattern Emitters, Adjustable & PC

FEATURES and BENEFITS

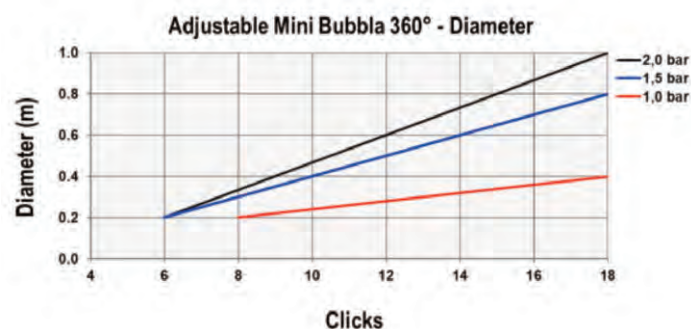
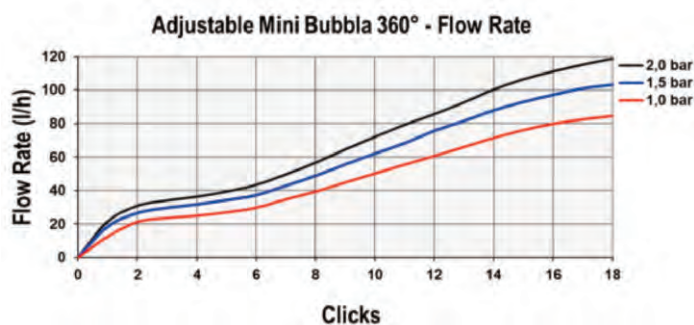
- Rotation of the Mini Bubbla cap allows simultaneous adjustment of flow rate and diameter of throw. This action produces a uniform umbrella pattern that gently applies water to the root zone of the plant.
- Four base options available for the Adjustable Mini Bubbla 360°, 4.5 mm Barb, 10-32 UNF Male Thread, 1/2" Female Thread and 150 mm Spike.
- Cap rotation adjusts flow and radius.
- Effective watering at the root zone.
- Easy to regulate the water flow.
- The Mini Bubbla 360° PC Spike is available in one discharge rate, 75 l/h, colour coded (Red).

APPLICATIONS

- Use for watering plants in small or large pots, garden beds, street trees and palms.



PERFORMANCE DATA				
DRIPPERS		PRESSURE (bar)	FLOW (l/h)	DIAMETER OF THROW (m)
	Adjustable to Maximum (approx) 18 Clicks	1.0	0 - 85	0 - 0.5
		1.5	0 - 103	0 - 0.8
		2.0	0 - 119	0 - 1.0
		Recommended operating pressure 1.0 bar		
	Mini Bubbla 360° PC Spike	1.5	68	0.30
		2.0	75	0.30
		2.5	78	0.40
		3.0	79	0.40
		Recommended operating pressure 1.5 bar to 3.0		
	75 l/h	Tested 200 mm above Ground		



Mini Bubbla 360°
1/2" Female Thread



Mini Bubbla 180°
4.5 mm Barb



Mini Bubbla 360°
10-32 UNF Thread

FILTRATION REQUIREMENTS

- Red Spike: 200 microns (80 mesh)

Mini Bubbla 360°						
PACKAGING		Adjustable Mini Bubbla 360°				75 l/h PC
						
		Barb	Thread	Spike	1/2" Thread	Spike PC
Order Codes	Packs	201176	201186	201194	202084	204394
	Bulk	020117	020118	020119	020208	020439
Quantity per Bag	Packs	100	100	25	25	25
	Bulk	1000	1000	1000	250	1000
Bags per Carton	Packs	65	65	40	70	40
	Bulk	7	7	1	7	1
Weight per Carton (kg)	Packs	11.7	14.2	7.4	8.0	10.9
	Bulk	12.2	14.9	7.2	7.7	10.7
Base Inlet Connection		4.5 mm Barb	10-32 UNF Thread	4.5 mm Barb	1/2" Female Thread	4.5 mm Barb
Dimensions Assembled (mm)	Height	25	25	153	31	155
	Width	20	20	42	27	42
	Depth	16	16	16	27	16
	Weight (g)	1.6	2.0	6.2	3.8	9.7
Material		U.V. Stabilized				



Mini Bubbla 360°
PC Spike



Mini Bubbla 360°
Spike

Adjustable Drip Emitter (Registered Design)

FEATURES and BENEFITS

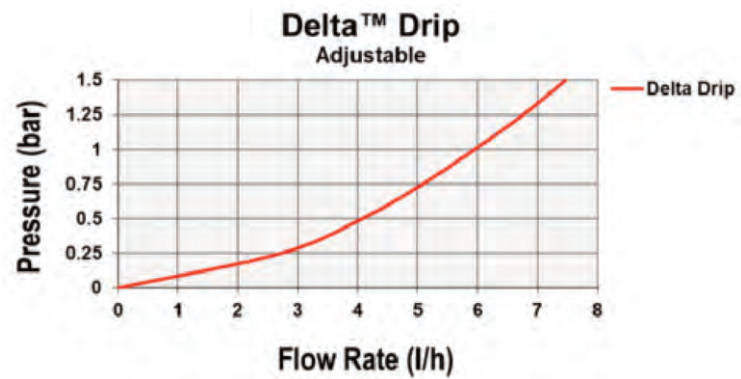
- Rotation of the key in the body adjusts the flow rate from 0 to 6 l/h at 100 kPa. Flow rate may be increased or decreased until final shut off.
- Turbulent flow path.
- Two key types available:
 1. End-Line Adjustable 0-6 l/h key. **(Black)**
 2. In-Line Adjustable 0-6 l/h key. **(Brown)**
- Two body types to choose from depending on application:
 1. Standard body with 4.5 mm inlet barb.
 2. Spike with 4.5 mm inlet barb.
- May be turned "OFF" when not in use.

APPLICATIONS

- May be used for vegetable patches, home gardens, nurseries, pots and shrubs.



PERFORMANCE DATA			
DRIPPERS		PRESSURE (bar)	FLOW (l/h)
	Adjustable to 6 l/h at 1.0 bar	0.5	0 - 4.1
		0.75	0 - 5.1
		1.0	0 - 6.0
		1.25	0 - 6.8
		1.5	0 - 7.5
Recommended operating pressure 1.0 bar			



Delta™ Drip 4.5 mm Barb End-Line



Delta™ Drip 4.5 mm Barb In-Line

FILTRATION REQUIREMENTS

- Drip Emitters: 100 microns (150 mesh)

Delta™ Drip Emitters					
PACKAGING					
		Barb End-Line	Spike End-Line	Barb In-Line	Spike In-Line
Order Codes	Packs	200916	200904	203936	203944
	Bulk	020091	020090	020393	020394
Quantity per Bag	Packs	100	25	100	25
	Bulk	1000	1500	1000	1250
Bags per Carton	Packs	70	50	70	50
	Bulk	7	1	7	1
Weight per Carton (kg)	Packs	13.4	7.0	13.4	7.0
	Bulk	13.1	7.7	13.1	7.7
Base Inlet Connection		4.5 mm Barb	4.5 mm Barb	4.5 mm Barb	4.5 mm Barb
Dimensions Assembled (mm)	Height	17	127	17	127 mm
	Width	51	51	61	61
	Depth	9	10	9	10
	Weight (g)	1.72	4.63	1.8	4.7
Material		U.V. Stabilized			



Delta™ Drip Spike End-Line



Delta™ Drip Spike In-Line

Pressure Compensating Drip Emitters

FEATURES and BENEFITS

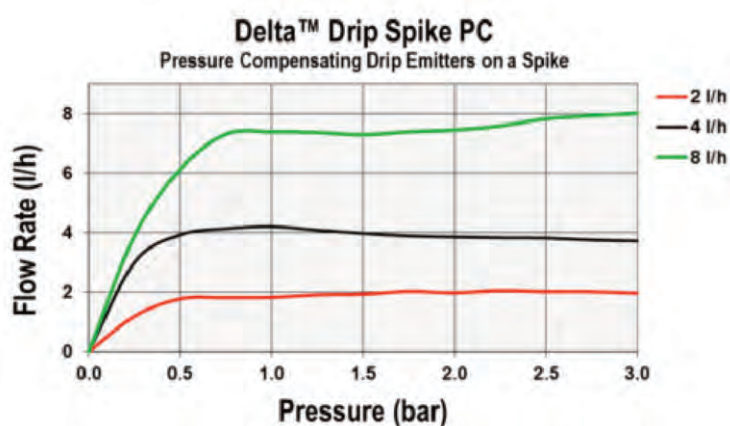
- Turbulent flow path pressure compensating drip emitters with pre-defined flow rates.
- Suit installations where slopes and changes of water pressure would otherwise require complex design systems and where uniform flow rates are required.
- Two Spike versions available.
 1. End-Line with 4.5 mm Inlet Barb
 2. In-Line with 4.5 mm Inlet & Outlet Barb
- Three flow rates available for each spike type, Colour coded for easy identification:
 - 2 l/h (Red), 4 l/h (Black) and 8 l/h (Green)

APPLICATIONS

- May be used for vegetable patches, home gardens, nurseries, balconies and patios.



PERFORMANCE DATA			DELTA™ Drip Spike PC		
			End-Line & In-Line		
			2 l/h	4 l/h	8 l/h
DRIPPERS		PRESSURE (bar)	FLOW (l/h)	FLOW (l/h)	FLOW (l/h)
	Pressure Compensating	1.0	1.84	4.31	7.40
		1.5	1.94	3.97	7.30
		2.0	1.99	3.85	7.45
		2.5	2.03	3.82	7.84
		3.0	1.98	3.72	8.02
	Minimum Cross-section		0.6 x 0.8	0.8 x 0.95	1.0 x 1.1
	Recommended Operating Pressure 1.0 bar to 3.0 bar				



FILTRATION REQUIREMENTS

- Drip Emitters: 100 microns (150 mesh)

Delta™ Drip Spike PC							
Connection Type		End-Line			In-Line		
PACKAGING							
Colour and Flow Rate		2 l/h	4 l/h	8 l/h	2 l/h	4 l/h	8 l/h
Order Codes	Packs	202744	202754	202764	202774	202784	202794
	Bulk	020274	020275	020276	020277	020278	020279
Quantity per Bag	Packs	25					
	Bulk	1250					
Bags per Carton	Packs	50					
	Bulk	1					
Weight per Carton (kg)	Packs	11.6			11.8		
	Bulk	11.4			11.5		
Base Inlet Connection		4.5 mm Barb					
Dimensions Assembled (mm)	Height	144					
	Width	28			38		
	Depth	17					
	Weight (g)	8.3			8.4		
Material		U.V. Stabilized					



Delta™ Drip
Spike PC
8 lph In-Line



Delta™ Drip
Spike PC
2 lph End-Line

Pressure Compensating Drip Emitters

FEATURES and BENEFITS

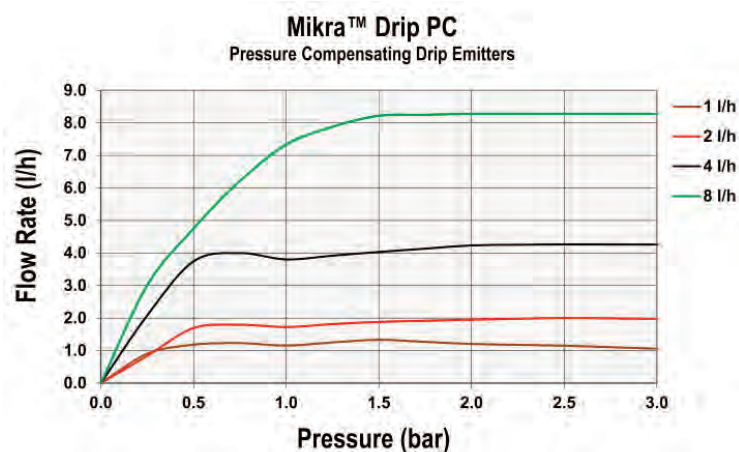
- Turbulent flow path, pressure compensating drip emitters with pre-defined flow rates.
- Suit installations where slopes and changes of water pressure would otherwise require complex design systems and where uniform flow rates are required
- Self piercing 4.5 mm barb with sharp needle for quick and easy installation.
- Four flow rates are available. Colour coded for easy identification:
1 l/h (**Brown**), 2 l/h (**Red**), 4 l/h (**Black**) and 8 l/h (**Green**)

APPLICATIONS

- May be used for vegetable patches, home gardens, nurseries, balconies and patios.



PERFORMANCE DATA			MIKRA™ Drip PC			
			Button Drip Emitters			
DRIPPERS		PRESSURE (bar)	FLOW (l/h)			
			1 l/h	2 l/h	4 l/h	8 l/h
	Pressure Compensating	0.5	1.18	1.69	3.74	4.75
		1.0	1.15	1.72	3.8	7.33
		1.5	1.33	1.88	4.09	8.22
		2.0	1.20	1.95	4.23	8.28
		2.5	1.15	2.00	4.26	8,27
		3.0	1.06	1.97	4.26	8.29
	Minimum Cross-section		0.45 x 0.55	0.6 x 0.8	0.8 x 0.95	1.0 x 1.1
Recommended Operating Pressure 1.0 bar to 3.0 bar						



FILTRATION REQUIREMENTS

- Drip Emitters: 100 microns (150 mesh)

Mikra™ Drip PC					
Connection Type		4.5 mm Barb			
PACKAGING					
Colour and Flow Rate		1 l/h	2 l/h	4 l/h	8 l/h
Order Codes	Packs	201806	203876	203886	203896
	Bulk	020180	020387	020388	020389
Quantity per Bag	Packs	100			
	Bulk	1000			
Bags per Carton	Packs	75			
	Bulk	8			
Weight per Carton (kg)	Packs	16.8			
	Bulk	17.8			
Base Inlet Connection		4.5 mm Barb			
Dimensions Assembled (mm)	Height	26			
	Width	17.5			
	Depth	18.5			
	Weight (g)	2.0			
Material		U.V. Stabilized			



Mikra™ 1 l/h
4.5 mm Barb



Mikra™ 2 l/h
4.5 mm Barb



Mikra™ 4 l/h
4.5 mm Barb



Mikra™ 8 l/h
4.5 mm Barb

Adjustable Vortex Sprays

FEATURES and BENEFITS

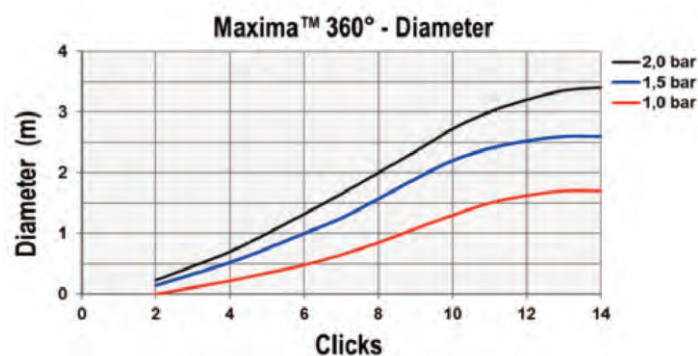
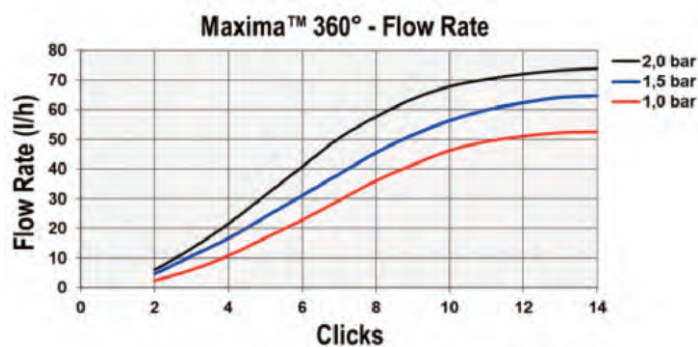
- Rotation of the Maxima™ 360° cap allows simultaneous adjustment of flow rate and diameter of throw. The ratchet clip action between the cap and the base allows the vortex pattern to be increased or decreased until final shut-off.
- Four base options available, 4.5 mm Barb, 10-32 UNF Male Thread, 1/2" Female Thread and 150 mm Spike.
- Vortex action distributes water evenly over the irrigated surface.

APPLICATIONS

- Ideal for spot watering of plants in small and large pots or larger areas including garden beds and landscapes.



PERFORMANCE DATA				
SPRAYS		PRESSURE	FLOW	DIAMETER OF THROW
		(bar)	(l/h)	(m)
	Adjustable to Maximum (approx) 14 Clicks	1.0	0 - 52	0 - 1.7
		1.5	0 - 65	0 - 2.8
		2.0	0 - 74	0 - 3.4
Tested 200 mm above Ground Level				
Recommended operating pressure 1.0 bar				



Maxima 360°
4.5 mm Barb



Maxima™ 360°
1/2" Female Thread



Maxima 360°
10-32 UNF Thread

Maxima™ 360°					
PACKAGING					
Order Codes	Packs	200045	200055	200064	202074
	Bulk	020004	020005	020006	020207
Quantity per Bag	Packs	50	50	25	25
	Bulk	1000	1000	1000	250
Bags per Carton	Packs	100	100	40	70
	Bulk	7	7	1	7
Weight per Carton (kg)	Packs	14.2	16.8	7.9	8.2
	Bulk	18.8	22.4	7.7	7.9
Base Inlet Connection		4.5 mm Barb	10-32 UNF Thread	4.5 mm Barb	1/2" Female Thread
Dimensions Assembled (mm)	Height	24	24	152	30
	Width	20	20	42	27
	Depth	16	16	16	27
	Weight (g)	2.5	3.0	6.7	3.9
Material		U.V. Stabilized			



Maxima™ 360° Spike

FEATURES and BENEFITS

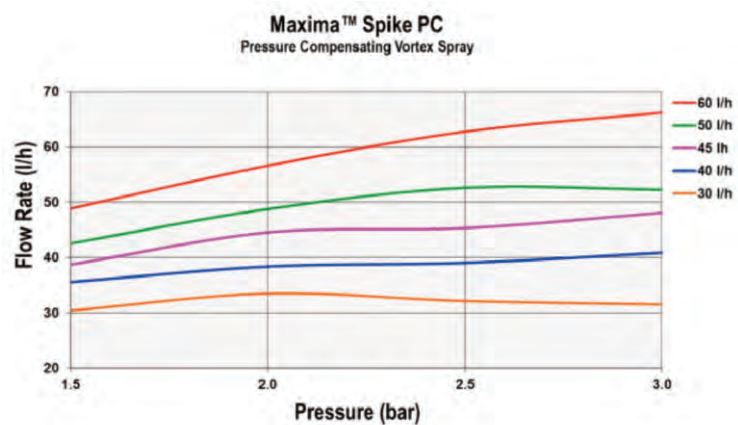
- Pressure Compensating End-Line Vortex spray spikes with pre-defined flow rates and 4.5 mm Inlet Barb. Ideal where uniform flow rates and constant diameter of throw are required.
- Five pre-defined flow rates are available.
Colour coded for easy identification: 30 l/h (Orange), 40 l/h (Blue), 45 l/h (Violet), 50 l/h (Green) and 60 l/h (Red)

APPLICATIONS

- May be used for vegetable patches, home gardens and nurseries.

PERFORMANCE DATA				MAXIMA™ 360° Spike PC
SPRAYS	COLOUR AND PRE-DEFINED FLOW RATE	PRESSURE (bar)	FLOW (l/h)	DIAMETER OF THROW (m)
	ORANGE 30 l/h	1.5	30.5	0.8
		2.0	33.5	0.8
		2.5	32.2	0.8
		3.0	31.6	0.8
	BLUE 40 l/h	1.5	35.5	1.0
		2.0	38.3	1.1
		2.5	39.0	1.1
	VIOLET 45 l/h	3.0	40.9	1.1
		1.5	38.7	1.4
		2.0	44.5	1.5
		2.5	45.3	1.6
	GREEN 50 l/h	3.0	48.1	1.6
		1.5	42.6	1.7
		2.0	48.8	1.8
	RED 60 l/h	2.5	52.6	1.9
		3.0	52.3	1.9
		1.5	48.8	2.7
		2.0	56.6	2.8
		2.5	62.8	2.9
		3.0	66.3	3.0

Recommended Operating Pressure 1.5 bar to 3.0 bar - Tested 200 mm above Ground Level



FILTRATION REQUIREMENTS

- Orange and Blue Spikes: 130 microns (120 mesh)
- Violet, Green and Red Spikes: 200 microns (80 mesh)

Maxima™ 360° Spike PC						
Connection Type		End-Line				
PACKAGING						
Colour and Flow Rate		30 l/h	40 l/h	45 l/h	50 l/h	60 l/h
Order Codes	Packs	204594	204604	204614	204624	204634
	Bulk	020459	020460	020461	020462	020463
Quantity per Bag	Packs	25				
	Bulk	1000				
Bags per Carton	Packs	40				
	Bulk	1				
Weight per Carton (kg)	Packs	11.4				
	Bulk	11.3				
Base Inlet Connection		4.5 mm Barb				
Dimensions Assembled (mm)	Height	155				
	Width	27				
	Depth	17				
	Weight (g)	10.3				
Material		U.V. Stabilized				



Maxima™ 360° Spike PC
40 lph End-Line



Maxima™ 360° Spike PC
50 lph End-Line

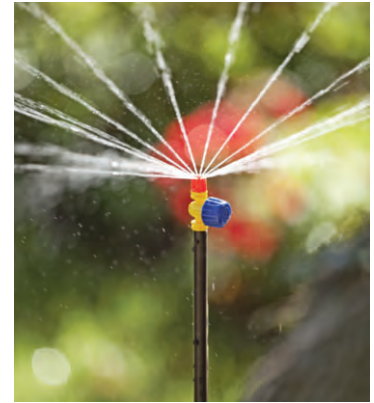
Adjustable Spray Jets

FEATURES and BENEFITS

- Rotation of the valve rotor allows simultaneous adjustment of flow rate and radius of throw.
- Available in 5 spray patterns: 90° Fan Spray, 180° Fan Spray, 360° x 18 Hole Stream Spray Mini Vortex and Micro Mist
- Two ranges available: **Coloured** residential range for easy spray pattern identification.
Black professional range.

APPLICATIONS

- Watering of landscaped areas.
- Easily adjusted to suit irregular shaped garden beds.



PERFORMANCE DATA											
SPRAYS	BASE OUTLET SIZE	PRESSURE (bar)	FLOW (l/h)	Spray Pattern							
				Radius of Throw (m)		Diameter of Throw (m)					
				90°	180°	360° x 18 Hole	Mini Vortex	Micro Mist			
Adjustable to Maximum 1.5 mm	0.5	0 - 54	0 - 1.5	0 - 1.4	0 - 5.0						
	1.0	0 - 77	0 - 2.1	0 - 2.0	0 - 5.8						
	1.5	0 - 94	0 - 2.6	0 - 2.3	0 - 6.4						
	2.0	0 - 105	0 - 3.0	0 - 2.8	0 - 7.0						
	2.5	0 - 119	0 - 3.3	0 - 3.0	0 - 7.5						
	0.5	0 - 27				0 - 2.0					
	1.0	0 - 41				0 - 2.5					
	1.5	0 - 52				0 - 3.0					
	2.0	0 - 59				0 - 3.5					
	2.5	0 - 66				0 - 3.8					
	0.5	0 - 9						0 - 0.4			
	1.0	0 - 13						0 - 0.5			
	1.5	0 - 15						0 - 0.5			
	2.0	0 - 16						0 - 0.5			
	2.5	0 - 18						0 - 0.5			
Tested 500 mm above Ground Level											
Recommended operating pressure 1.0 bar											



Idra™ Mini
Vortex



Idra™ Micro
Mist



Idra™ 90° Idra™ 180° Idra™ 360°

Idra™ Sprays									
RANGE		Coloured Residential Range					Black Professional Range		
									
Spray Pattern									
Cap Colour		Black	Blue	Red	Green	Black	Black	Black	Black
Rotor Colour		Blue	Blue	Blue	Black	Blue	Black	Black	Black
Base Colour		Yellow	Yellow	Yellow	Black	Yellow	Black	Black	Black
Order Codes	Packs	200085	200105	200125	201475	201485	200075	200095	200115
	Bulk	020008	020010	020012	020147	020148	020007	020009	020011
Quantity per Bag	Packs	50	50	50	50	50	50	50	50
	Bulk	1000	1000	1000	1000	1000	1000	1000	1000
Bags per Carton	Packs	100	100	100	100	100	100	100	100
	Bulk	5	5	5	5	5	5	5	5
Weight per Carton (kg)	Packs	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
	Bulk	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
Base Inlet Connection		10-32 UNF Thread							
Dimensions Assembled (mm)	Height	38	38	38	38	38	38	38	38
	Width	22	22	22	22	22	22	22	22
	Depth	15	15	15	15	15	15	15	15
	Weight (g)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Material		U.V. Stabilized							

Adjustable Spray Spikes

FEATURES and BENEFITS

- Pre-assembled Jet Spikes. Rotation of the Rotor allows simultaneous adjustment of flow rate and radius of throw.
- Available in three spray patterns: 90° Fan Spray, 180° Fan Spray and 360° x 18 Hole Stream Spray
- Spike lengths available: 200 mm and 310 mm for the Aquila Jet Spike and 310 mm for Idra Jet Spike
- Rigid Riser lengths: 200 mm for Aquila™ Jet Spike and 300 mm for the Idra™ Spike
- The Rigid Riser used with the Idra™ Spike may be raised or lowered inside the stake to suit the height of the plants being irrigated.
- Flexible PVC tube length: 500 mm

APPLICATIONS

- General watering of landscaped areas.

PERFORMANCE DATA						
SPRAYS		PRESSURE (bar)	FLOW (l/h)	SPRAY PATTERN		
				Diameter of Throw (m)		Radius of Throw (m)
				360° x 18 Hole	180°	90°
		BASE				
		0.5	0 - 58	0 - 5.0	0 - 1.9	0 - 1.7
		1.0	0 - 82	0 - 6.8	0 - 2.3	0 - 2.5
		1.5	0 - 101	0 - 7.9	0 - 2.7	0 - 2.9
		2.0	0 - 117	0 - 8.2	0 - 3.0	0 - 3.2
		2.5	0 - 130	0 - 8.4	0 - 3.3	0 - 3.5
Recommended operating pressure 1.0 bar						



Rigid Riser may be raised or lowered inside the stake to suit plant heights

Spike Options		Aquila™ Jet Spike						Idra™ Spike		
		200 mm Spike			310 mm Spike			310 mm Spike		
Spray Pattern										
Cap Colour		Black						Black	Blue	Red
Base Colour		Red						Black		
Order Codes	Packs	200372	200382	200392	200342	200352	200362	201642	201992	202002
	Bulk	020037	020038	020039	020034	020035	020036	020164	020199	020200
Quantity per Bag	Packs	10	10	10	10	10	10	10	10	10
	Bulk	200	200	200	150	150	150	150	150	150
Bags per Carton	Packs	20	20	20	15	15	15	15	15	15
	Bulk	1	1	1	1	1	1	1	1	1
Weight per Carton (kg)	Packs	9.5	9.5	9.5	8.2	8.2	8.2	8.3	8.3	8.3
	Bulk	9.2	9.2	9.2	8.0	8.0	8.0	8.1	8.1	8.1
Inlet Connection		4.5 mm Barb								
Dimensions Assembled (mm)	Height	400			510			Max extension - 595		
	Width	25.2			25.2			25.2		
	Depth	17			17			17		
	Weight (g)	41.2			47.2			47.6		
Material		U.V. Stabilized								

Caps and Bases

FEATURES and BENEFITS

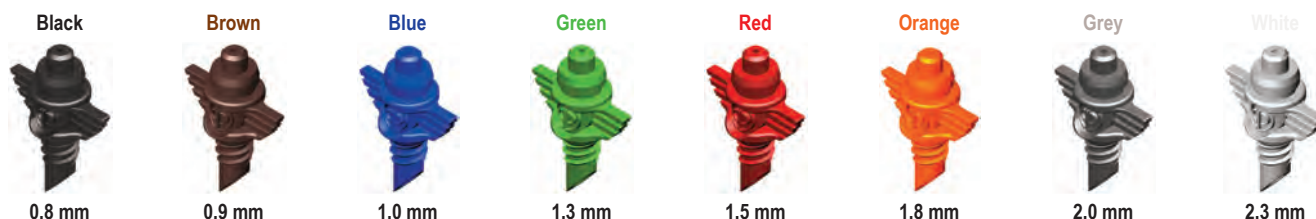
- Caps available in three spray patterns
- 90° Fan Spray - Cap colour - **Black**
- 180° Fan Spray - Cap colour - **Black** or **Blue**
- 180° Fan Spray (Flat Trajectory) - Cap colour - **Red**
- 360° x 18 Hole Stream Spray - Cap colour - **Black** or **Red**.
- Eight colour coded bases with “**FAST**” thread for quick and easy installation.
- A large range of flow rates may be achieved at different operating pressures.
- Base colour identifies flow rate.
- Caps and bases may be ordered separately.

APPLICATIONS

- Ideal for landscaped gardens and garden beds.



Winged Jet Bases with “FAST” Thread



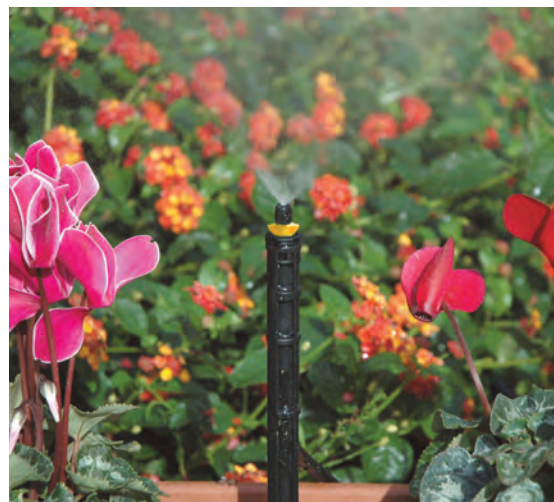
Micro Spray Caps and Bases															
PACKAGING		Caps						Winged Jet Bases							
		Black			Blue	Red		Black	Brown	Blue	Green	Red	Orange	Grey	White
															
		90°	180°	360°	180°	360°	180° F/T								
Order Codes	Packs	100176	100186	100196	100236	100246	104446	100516	100606	100616	100626	100636	100646	100656	100666
	Bulk	010017	010018	010019	010023	010024	010444	010051	010060	010061	010062	010063	010064	010065	010066
Quantity per Bag	Packs	100						100							
	Bulk	1000						1000							
Bags per Carton	Packs	500						320							
	Bulk	50						30							
Weight per Carton (kg)	Packs	16.0						22.1							
	Bulk	13.9						19.5							
Base Inlet Connection								“FAST” Thread							
Dimensions (mm)	Height	9.4	9.4	8.3	9.4	8.3	9.4	22							
	Width	8						16							
	Depth	8						8							
	Weight (g)	0.24						0.57							
Material		U.V. Stabilized													

FEATURES and BENEFITS

- Two Piece micro sprays with excellent watering patterns that distribute water evenly over the irrigated surface.
- Optimum performance is achieved at low operating pressures.
- Winged bases are easy to install by hand, eliminating the need for tools.
- Four spray patterns available for the Aquila™ Jet Winged Bases.
- 90° Fan Spray - Cap colour - **Black**
- 180° Fan Spray - Cap colour - **Black** or **Blue**
- 180° Flat Trajectory Fan Spray - Cap colour - **Red**
- 360° x 18 Hole Stream Spray - Cap colour - **Black** or **Red**.
- Eight colour coded bases with “FAST” thread for quick and easy installation. Base colour identifies flow rate.
- Aquila™ Jet Mini Vortex (the vortex action generated inside the cap distributes the water evenly over the wetted surface.
- Aquila™ Jet Micro Mist (ideal for cooling operations).

APPLICATIONS

- Landscaped areas and garden beds. Ideal where fixed flow rates are required at specified operating pressures.



90°



180°



360° x 18 Hole



Mini Vortex



Micro Mist

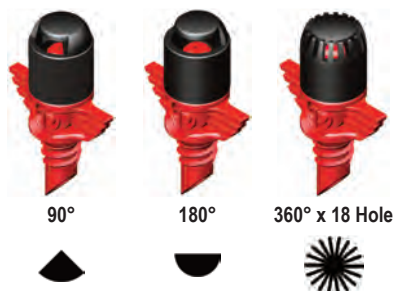
Aquila™ Jet Spray Assemblies														
PACKAGING		Assembled		Aquila™ Jet Winged Bases with “FAST” Thread								CAP COLOURS AND SPRAY PATTERNS		
		Mini Vortex	Micro Mist	Black	Brown	Blue	Green	Red	Orange	Grey	White			
														
Order Codes	Packs			200406	200436	200466	200496	200526	200556	200586	200616			
	Bulk			020040	020043	020046	020049	020052	020055	020058	020061	90°		
	Packs			200416	200446	200476	200506	200536	200566	200596	200626			
	Bulk			020041	020044	020047	020050	020053	020056	020059	020062	180°		
	Packs			200426	200456	200486	200516	200546	200576	200606	200636			
	Bulk			020042	020045	020048	020051	020054	020057	020060	020063	360° x 18 Hole		
	Packs			200646	200666	200686	200706	200726	200746	200766	200786			
	Bulk			020064	020066	020068	020070	020072	020074	020076	020078	180°		
	Packs			200656	200676	200696	200716	200736	200756	200776	200796			
	Bulk			020065	020067	020069	020071	020073	020075	020077	020079	360° x 18 Hole		
	Packs			204096	204106	204116	204126	204136	204146	204156	204166			
	Bulk			020409	020410	020411	020412	020413	020414	020415	020416	180° Flat Trajectory		
	Packs			201466	205026									THE HEIGHT OF THE AQUILA™ JET SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED
	Bulk			020146	020502									
Quantity per Bag	Packs	100												
	Bulk	1000												
Bags per Carton	Packs	210												
	Bulk	22												
Weight per Carton (kg)	Packs	17.2												
	Bulk	17.1												
Base Inlet Connection		“FAST” Thread												
Dimensions Assembled (mm)	Height	26												
	Width	16.2												
	Depth	7.7												
	Weight (g)	0.72												
Material		U.V. Stabilized												

Micro Sprays

Optimum performance is achieved at low operating pressures as indicated in the table below by the blue shaded rows.

FILTRATION REQUIREMENTS

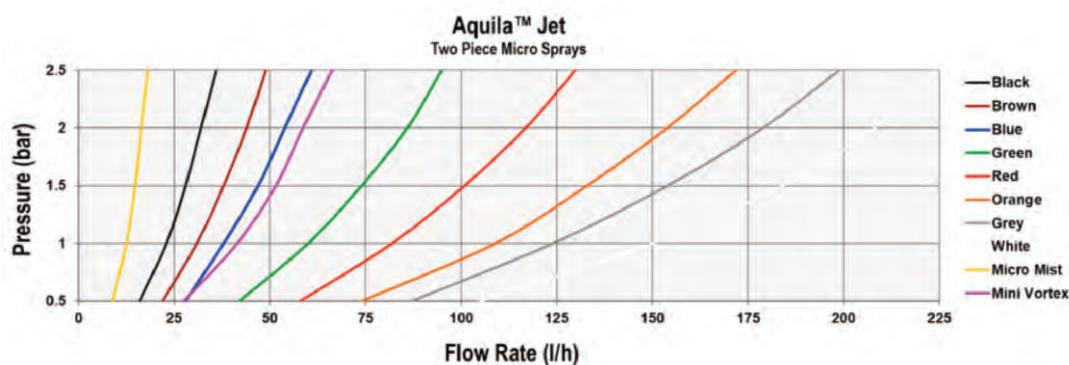
- Black, Brown, Blue and Mist Bases: 130 microns (120 mesh)
- Green, Red, Orange, Grey, White and Vortex Bases: 200 microns (80 mesh)



Aquila™ Jet Sprays

PERFORMANCE DATA				Spray Patterns					
									
				90°	180°	180° Flat Trajectory	360° x 18 Hole	Mini Vortex	Micro Mist
MICRO SPRAYS	BASE COLOUR AND JET OUTLET SIZE	PRESSURE (bar)	FLOW RATE (l/h)	RADIUS OF THROW (m)			DIAMETER OF THROW (m)		
	BLACK 0.8 mm	0.5	16	1.1	1.3	0.80	2.6		
		1.0	23	1.6	1.5	1.00	3.5		
		1.5	28	2.0	1.7	1.10	4.3		
		2.0	32	2.3	1.8	1.20	4.9		
	BROWN 0.9 mm	2.5	36	2.6	2.0	1.25	5.4		
		0.5	22	1.3	1.4	0.90	3.0		
		1.0	31	1.8	1.6	1.10	4.0		
		1.5	38	2.3	1.8	1.20	4.8		
		2.0	44	2.6	2.0	1.30	5.5		
	BLUE 1.0 mm	2.5	49	2.9	2.2	1.35	6.0		
		0.5	27	1.4	1.5	1.00	3.7		
		1.0	36	2.0	1.8	1.15	4.6		
		1.5	47	2.4	2.0	1.30	5.4		
		2.0	54	2.8	2.2	1.40	6.0		
	GREEN 1.3 mm	2.5	61	3.1	2.4	1.50	6.6		
		0.5	42	1.6	1.7	1.05	4.9		
		1.0	60	2.2	2.0	1.20	5.7		
		1.5	74	2.6	2.3	1.35	6.5		
	RED 1.5 mm	2.0	86	3.0	2.6	1.45	7.2		
		2.5	95	3.3	2.8	1.55	7.7		
		0.5	58	1.7	1.9	1.15	5.1		
		1.0	82	2.3	2.3	1.30	6.0		
	ORANGE 1.8 mm	1.5	101	2.7	2.7	1.40	6.7		
		2.0	117	3.1	3.0	1.50	7.4		
		2.5	130	3.5	3.3	1.60	8.0		
	GREY 2.0 mm	0.5	74	1.8	2.1	1.25	5.2		
		1.0	109	2.4	2.6	1.35	6.1		
		1.5	133	2.8	3.0	1.45	6.8		
		2.0	154	3.2	3.3	1.55	7.5		
	WHITE 2.3 mm	2.5	172	3.6	3.6	1.65	8.1		
		0.5	87	1.9	2.2	1.30	5.3		
		1.0	124	2.5	2.7	1.55	6.2		
		1.5	154	3.0	3.1	1.75	6.9		
	MINI VORTEX	2.0	179	3.4	3.5	1.90	7.6		
		2.5	199	3.7	3.8	2.10	8.2		
		0.5	105	2.0	2.3	1.35	5.4	2.0	
		1.0	150	3.6	2.8	1.70	6.3	2.5	
	MICRO MIST	1.5	184	3.1	3.2	2.05	7.0	3.0	
		2.0	208	3.5	3.6	2.30	7.7	3.5	
		2.5	224	3.8	3.9	2.50	8.3	3.8	
		0.5	9						0.4
		1.0	13						0.5
		1.5	15						0.5
		2.0	16						0.5
		2.5	18						0.5

PERFORMANCE GRAPH



Tested 200 mm above Ground Level

Recommended operating pressure 1.0 bar

FEATURES and BENEFITS

- Pressure Compensating Spray Jets with excellent watering patterns and pre-defined flow rates. Ideal where uniform flow rates and constant diameter and radius of throw are required. Best performance is achieved between 1.5 bar and 3.0 bar.
- Six colour coded PC bases with pre-defined flow rates. Colour identifies flow rate.
20 l/h (Black), 30 l/h (Orange), 40 l/h (Blue)
50 l/h (Violet), 55 l/h (Green) and 80 l/h (Red)
- Four Spray Patterns available:
90° Fan Spray, Cap colour (Black)
180° Fan Spray, Cap colour (Black & Blue)
180° Flat Trajectory Fan Spray, Cap Colour (Red)
360° x 18 Hole Spray, Cap colour (Black & Red)
- 10-32 UNF Thread connection.

APPLICATIONS

- Watering of landscaped areas and garden beds.



Aquila™ Jet PC Spray Assemblies								
		Colour Coded Bases						
Colour		Black	Orange	Blue	Violet	Green	Red	
Flow Rate		20 l/h	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h	
Outlet Size (mm)		0.90	1.25	1.30	1.45	1.55	1.65	
PACKAGING								CAP COLOURS AND SPRAY PATTERNS
Order Codes	Packs	202805	202815	202825	202835	202845	202855	 90°
	Bulk	020280	020281	020282	020283	020284	020285	
	Packs	202865	202875	202885	202895	202905	202915	 180°
	Bulk	020286	020287	020288	020289	020290	020291	
	Packs			202945	202955	202965	202975	 360° x 18 Hole
	Bulk			020294	020295	020296	020297	
	Packs	202985	202995	203005	203015	203025	203035	 180°
	Bulk	020298	020299	020300	020301	020302	020303	
	Packs			203065	203075	203085	203095	 360° x 18 Hole
	Bulk			020306	020307	020308	020309	
	Packs	204855	204865	204875	204885	204895	204905	 180° Flat Trajectory
	Bulk	020485	020486	020487	020488	020489	020490	
Quantity per Bag	Packs	50						THE HEIGHT OF THE AQUILA™ JET PC SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED
	Bulk	1000						
Bags per Carton	Packs	100						
	Bulk	5						
Weight per Carton (kg)	Packs	19.0						
	Bulk	18.5						
Base Inlet Connection		10-32 UNF Thread						
Dimensions Assembled (mm)	Height	41						
	Width	18						
	Depth	17						
	Weight (g)	3.5						
Material		U.V. Stabilized						



FILTRATION REQUIREMENTS

- Black, Orange and Blue Bases: 130 microns (120 mesh)
- Violet, Green and Red Bases: 200 microns (80 mesh)

Pressure Compensating Sprays

FEATURES and BENEFITS

- Pressure Compensating Spray Jets with excellent watering patterns and pre-defined flow rates that distribute water evenly over the irrigated surface whilst maintaining constant diameter and radius of throw. This ensures efficient watering of the surface being irrigated.



Aquila™ Jet PC Sprays							
METRIC PERFORMANCE DATA				Spray Patterns			
							
				90°	180°	180° Flat Trajectory	360° x 18 Hole
PRESSURE COMPENSATING SPRAYS	BASE COLOUR AND FLOW RATE	PRESSURE (bar)	FLOW RATE (l/h)	RADIUS OF THROW (m)			DIAMETER OF THROW (m)
	BLACK 20 l/h	1.5	20.1	1.7	1.7	1.0	
		2.0	21.5	1.8	1.8	1.0	
		2.5	22.3	1.8	1.8	1.0	
		3.0	23.7	1.8	1.8	1.0	
	ORANGE 30 l/h	1.5	33.4	1.8	1.8	1.0	
		2.0	34.2	1.8	1.8	1.1	
		2.5	32.9	1.8	1.8	1.1	
		3.0	32.0	1.8	1.8	1.1	
	BLUE 40 l/h	1.5	38.1	1.8	1.8	1.1	3.6
		2.0	41.2	1.9	1.9	1.2	3.8
		2.5	41.6	1.9	1.9	1.2	3.8
		3.0	43.2	1.9	1.9	1.2	3.8
	VIOLET 50 l/h	1.5	46.0	1.9	1.9	1.2	3.8
		2.0	49.4	1.9	2.0	1.2	4.0
		2.5	48.6	1.9	2.0	1.2	4.0
		3.0	49.6	1.9	2.0	1.2	4.0
	GREEN 55 l/h	1.5	53.2	2.0	2.0	1.2	4.2
		2.0	57.1	2.1	2.2	1.3	4.4
		2.5	58.4	2.2	2.2	1.3	4.4
		3.0	56.2	2.2	2.2	1.3	4.4
	RED 80 l/h	1.5	68.0	2.5	2.2	1.3	5.4
		2.0	78.9	2.6	2.4	1.3	5.8
		2.5	84.8	2.8	2.5	1.3	6.0
		3.0	84.2	2.8	2.5	1.3	6.0

Aquila™ Jet PC Pressure Compensating Spray Jets	
PERFORMANCE GRAPH	
	Flow rate (l/h) Pressure (bar) Tested 200 mm above Ground Level Recommended operating pressure 1.5 bar to 3.0 bar
	80 l/h 55 l/h 50 l/h 40 l/h 30 l/h 20 l/h

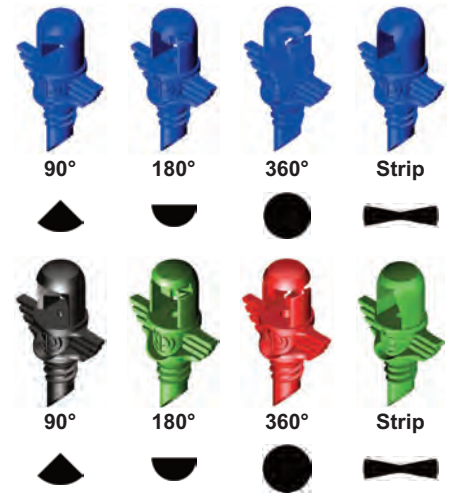
Micro Sprays

FEATURES and BENEFITS

- Single Piece micro sprays that distribute water evenly over the irrigated surface. Optimum performance and **“matched precipitation”** is achieved at 1 bar operating pressure. Winged bases with **“FAST”** thread are easy to install by hand eliminating the need for tools.
- Two colour coded sets, **Blue** and **Multi-Coloured**.
Four spray patterns available per set.
- 90° Fan Spray
- 180° Fan Spray
- 360° Fan Spray
- Strip Spray

APPLICATIONS

- Watering of landscaped areas and garden beds.

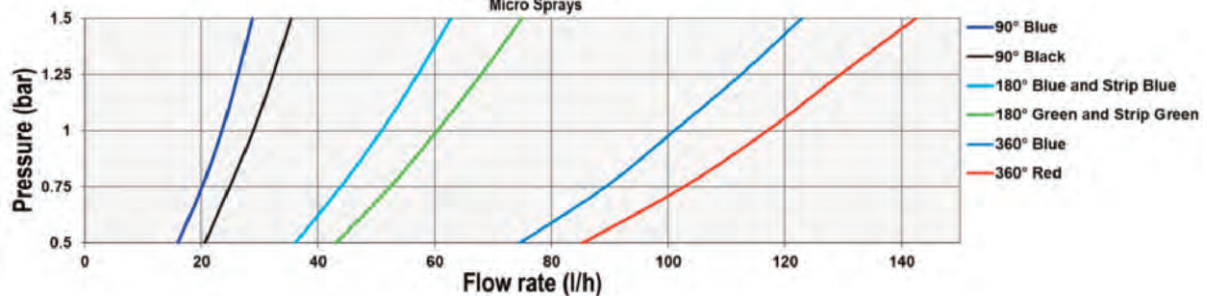


Single Piece Jets

SINGLE PIECE MICRO SPRAYS		Blue								Multi-Coloured							
																	
	Spray Pattern	90°		180°		360°		Strip		90°		180°		360°		Strip	
	Outlet Size	0.9 mm		1.2 mm		1.8 mm		1.2 mm		1.0 mm		1.4 mm		1.9 mm		1.4 mm	
	Pressure	Flow	Radius of Throw	Flow	Radius of Throw	Flow	Diameter of Throw	Flow	Diameter of Throw	Flow	Radius of Throw	Flow	Radius of Throw	Flow	Diameter of Throw	Flow	Diameter of Throw
	(bar)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)	(l/h)	(m)
	0.5	16	0.9	36	1.0	75	2.1	36	2.2	21	1.2	43	1.4	85	2.8	43	2.9
	1.0	24	1.0	51	1.1	101	2.2	51	2.4	29	1.4	60	1.6	117	3.0	60	3.2
1.5	29	1.1	63	1.3	123	2.3	63	2.6	35	1.5	75	1.7	143	3.2	75	3.5	

Single Piece Jets

Micro Sprays



Tested 200 mm above Ground Level

Recommended operating pressure 100 kPa

Single Piece Micro Sprays

PACKAGING		Blue				Multi-Coloured			
									
Spray Pattern		90°	180°	360°	Strip	90°	180°	360°	Strip
Order Codes	Packs	100926	100936	100946	100956	101186	101196	101206	101216
	Bulk	010092	010093	010094	010095	010118	010119	010120	010121
Quantity per Bag	Packs	100							
	Bulk	1000							
Bags per Carton	Packs	250							
	Bulk	25							
Weight per Carton (kg)	Packs	17.5							
	Bulk	16.4							
Base Inlet Connection		“FAST” Thread							
Dimensions (mm)	Height	26							
	Width	16.2							
	Depth	7.7							
	Weight (g)	0.6							
Material		U.V. Stabilized							

Standard & Pressure Compensating Sprays

FEATURES and BENEFITS

- The strong “C” frame design allows for excellent water distribution uniformity.
- Two base types are available: **Standard Base** and **Pressure Compensating Base**.
- Five color coded Standard Bases.
- Six color coded Pressure Compensating Bases.
- Base color identifies the flow rate.
- Standard Bases and Pressure Compensating Bases may be combined with any Down Spray or Stream Jet.
- Assemblies made to order.

APPLICATIONS

- Ideal garden beds, landscapes, vegetable gardens and agricultural applications.

FILTRATION REQUIREMENTS

- **Black, Orange and Blue** Bases: 130 microns (120 mesh)
- **Violet, Green and Red** Bases: 200 microns (80 mesh)



Down Spray
Standard



Down Spray
PC
30 l/h



12 Stream
Flat Jet PC



8 Stream Jet
PC Inverted



DOWN SPRAYS & STREAM JETS													
		Standard Bases					Pressure Compensating Bases						
Base Colour		Black	Brown	Blue	Green	Red	Black	Orange	Blue	Violet	Green	Red	
Base Outlet Size (mm)		0.8	0.9	1.0	1.3	1.5	0.90	1.25	1.30	1.45	1.55	1.65	
Flow Rate							20 l/h	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h	
PACKAGING													SPRAY & JET PATTERNS
Order Codes	Packs	204915	204925	204935	204945	204955	205844	205854	205864	205874	205884	205894	
	Bulk	020491	020492	020493	020494	020495	020584	020585	020586	020587	020588	020589	Down Spray 22°
	Packs	205715	205725	205735	205745	205755	205764	205774	205784	205794	205804	205814	
	Bulk	020571	020572	020573	020574	020575	020576	020577	020578	020579	020580	020581	12 Stream Flat Jet
	Packs	205155	205165	205175	205185	205195	205204	205214	205224	205234	205244	205254	
	Bulk	020515	020516	020517	020518	020519	020520	020521	020522	020523	020524	020525	8 Stream Jet
	Packs	211745	211755	211765	211775	211785		211824	211834	211844	211854	211864	
	Bulk	021174	021175	021176	021177	021178		021182	021183	021184	021185	021186	Down Spray 45°
Quantity per Bag	Packs	50					25						
	Bulk	500					500						
Bags per Carton	Packs	120					100						
	Bulk	12					5						
Weight per Carton (kg)	Packs	13.8					13.3						
	Bulk	13.1					12.8						
Base Inlet Connection		"FAST" Thread					10-32 UNF Thread						
Dimensions Assembled (mm)	Height	41					41						
	Width	33					33						
	Depth	12					12						
	Weight (g)	2.0					4.7						
Material		U.V. Stabilized											

FEATURES and BENEFITS

- The strong “C” frame design allows for excellent water distribution uniformity.
- Five color coded Standard Bases.
- Base color identifies the flow rate.
- The Standard Bases are combined with the Down Spray 45°, the Shut-Off Tube Adaptor, Steel Spike and Flexible Tube for easy and rapid installation.
- Assemblies made to order.

APPLICATIONS

- Ideal garden beds, landscapes, vegetable gardens and agricultural applications.



FILTRATION REQUIREMENTS

- **Black, Brown, and Blue** Bases: 130 microns (120 mesh)
- **Green and Red**: 200 microns (80 mesh)



DOWN SPRAYS 45°							
		Standard Bases					
Base Colour		Black	Brown	Blue	Green	Red	
Base Outlet Size (mm)		0.8	0.9	1.0	1.3	1.5	
Nominal Flow Rate at 1.5 bar (l/h)		28	38	47	74	101	
PACKAGING							SPRAY PATTERN
Order Codes	Packs	212644	212654	212664	212674	212684	 Down Spray 45°
	Bulk	021264	021265	021266	021267	021268	
Quantity per Bag	Packs	25					
	Bulk	TBA					
Bags per Carton	Packs	TBA					
	Bulk	TBA					
Weight per Carton (kg)	Packs	TBA					
	Bulk	TBA					
Base Inlet Connection		Barb 4.5 mm					
Dimensions Assembled (mm)	Height	331					
	Width	33					
	Depth	14					
	Weight (g)	30					
Material		U.V. Stabilized					



Down Sprays & Stream Jets

SPRAYS

Standard & Pressure Compensating Sprays



Down Spray
Standard



Down Spray
PC



12 Stream
Flat Jet PC



12 Stream
Flat Jet Stnd



Down Sprays and Stream Jets										
PERFORMANCE DATA				Spray Patterns						
										
		Pattern		Down Spray	Down Spray	12 Stream Flat Jet	8 Stream Jet	Inverted 8 Stream Jet		
		Trajectory		18°	45°	0°	22°	22°		
		Frame Colour		Black	Green	Black	Black	Black		
		Height Tested		Tested 0.5 m above Ground Level					Tested 0.8 m above Ground Level	
STANDARD BASES	STANDARD BASES COLOUR AND BASE OUTLET SIZE		PRESSURE	FLOW RATE	DIAMETER OF THROW					
			(bar)	(l/h)	(m)					
	BLACK 0.8 mm		0.5	16	1.8	0.1	2.6	4.0	2.4	
			1.0	23	1.9	0.3	3.4	4.2	2.7	
			1.5	28	1.9	1.0	4.0	4.4	2.9	
			2.0	32	2.0	1.0	4.4	4.6	3.1	
	BROWN 0.9 mm		2.5	36	2.0	1.0	4.6	4.6	3.2	
			0.5	22	1.8	0.3	3.0	4.4	3.0	
			1.0	31	2.0	1.0	3.8	4.6	3.4	
			1.5	38	2.1	1.0	4.4	4.7	3.7	
	BLUE 1.0 mm		2.0	44	2.1	1.0	4.7	4.8	3.8	
			2.5	49	2.2	1.0	4.9	4.9	3.9	
			0.5	27	1.9	1.0	3.8	4.6	3.1	
			1.0	36	2.1	1.0	4.6	4.8	3.6	
	GREEN 1.3 mm		1.5	47	2.2	1.0	5.2	4.9	3.9	
			2.0	54	2.3	1.0	5.6	5.0	4.1	
			2.5	61	2.4	1.0	5.8	5.1	4.2	
			0.5	42	2.0	1.0	4.2	6.8	3.4	
	RED 1.5 mm		1.0	60	2.2	1.0	5.2	7.0	4.0	
			1.5	74	2.3	1.0	5.9	7.3	4.4	
			2.0	86	2.4	1.0	6.4	7.4	4.6	
			2.5	95	2.5	1.0	6.7	7.5	4.7	
			0.5	58	2.5	1.0	4.5	7.4	3.8	
1.0			82	2.7	1.0	5.4	7.9	4.4		
1.5			101	2.8	1.0	6.1	8.3	4.8		
2.0			117	2.9	1.0	6.6	8.6	5.0		
		2.5	130	3.0	1.0	6.9	8.8	5.1		
		Recommended operating pressure 1.5 bar								
		PRESSURE COMPENSATING BASES COLOUR AND FLOW RATE		PRESSURE	FLOW RATE	Down Spray	Down Spray	12 Stream Flat Jet	8 Stream Jet	Inverted 8 Stream Jet
				(bar)	(l/h)	18°	45°	0°	22°	22
PRESSURE COMPENSATING BASES	BLACK 20 l/h		1.5	20.1	1.8		2.8	3.8	2.3	
			2.0	21.5	1.8		2.9	3.9	2.4	
			2.5	22.3	1.8		2.9	4.0	2.4	
			3.0	23.7	1.8		2.9	4.0	2.4	
	ORANGE 30 l/h		1.5	33.4	1.9	1.0	3.2	4.6	2.5	
			2.0	34.2	1.9	1.0	3.3	4.7	2.6	
			2.5	32.9	1.9	1.0	3.2	4.7	2.6	
			3.0	32.0	1.9	1.0	3.2	4.7	2.6	
	BLUE 40 l/h		1.5	38.1	2.0	1.0	3.4	5.4	2.7	
			2.0	41.2	2.0	1.0	3.4	5.5	2.8	
			2.5	41.6	2.0	1.0	3.4	5.6	2.8	
			3.0	43.2	2.0	1.0	3.4	5.6	2.8	
	VIOLET 50 l/h		1.5	46.0	2.1	1.0	3.6	6.2	3.0	
			2.0	49.4	2.1	1.0	3.6	6.3	3.1	
			2.5	48.6	2.1	1.0	3.6	6.4	3.1	
			3.0	49.6	2.1	1.0	3.6	6.4	3.1	
	GREEN 55 l/h		1.5	53.2	2.2	1.0	3.8	6.8	3.4	
			2.0	57.1	2.2	1.0	3.9	7.0	3.5	
			2.5	58.4	2.2	1.0	4.0	7.1	3.5	
			3.0	56.2	2.2	1.0	4.0	7.1	3.5	
	RED 80 l/h		1.5	68.0	2.4	1.0	4.0	7.0	3.6	
			2.0	78.9	2.4	1.0	4.2	7.2	3.7	
			2.5	84.8	2.5	1.0	4.4	7.3	3.8	
3.0			84.2	2.5	1.0	4.6	7.4	3.9		
Recommended operating pressure 1.5 bar to 3.0 bar										



8 Stream
Jet
Standard



8 Stream Jet
PC
Inverted



Down Spray
PC
30 l/h



Micro Sprinklers

FEATURES and BENEFITS

- The Strong “C” frame design allows for excellent water distribution uniformity.
 - During rotation the spinner is supported between two bearings.
 - The spinner on the inverted model has a cover that protects the bottom bearing from dust.
 - Four Orbita micro sprinkler models available: Standard, Inverted, Adjustable and Spike.
 - Six colour coded bases to choose from for the Standard model.
 - Four colour coded bases for the Inverted model.
 - Base colour identifies the flow rate.
 - Two Adjustable models available:
 1. **Black Base** with a **Black Rotor**
 2. **Yellow Base** with a **Blue Rotor**.
 - The Spike is a pre-assembled model for quick and easy installation with a **Red Base**, an adjustable rotor for flow and throw control, 500 mm flexible tube and 4.5 mm Joiner.
- There are two spike lengths to choose from, 200 mm and 310 mm.

APPLICATIONS

- Ideal for large areas that include garden beds, landscapes, vegetable gardens and agricultural applications.



Standard



Inverted



Adjustable

Orbita Micro Sprinklers															
		Standard						Inverted				Adjustable		Spike	
														200 mm	310 mm
Base Colour		Brown	Blue	Green	Red	Orange	Grey	Brown	Blue	Green	Red	Black	Yellow	Red	Red
Base Outlet Size (mm)		0.9	1.0	1.3	1.5	1.8	2.0	0.9	1.0	1.3	1.5	0 to 1.5	0 to 1.5	0 to 1.5	0 to 1.5
PACKAGING															
Order Codes	Packs	201035	201045	201055	201065	201075	201085	201105	201115	201125	201135	201394	201404	201552	201562
	Bulk	020103	020104	020105	020106	020107	020108	020110	020111	020112	020113	020139	020140	020155	020156
Quantity per Bag	Packs	50						50				25		10	10
	Bulk	500						500				500		200	150
Bags per Carton	Packs	120						120				100		20	15
	Bulk	12						12				5		1	1
Weight per Carton (kg)	Packs	15.5						15.6				12.1		9.9	8.6
	Bulk	13.9						15.1				11.5		9.6	8.4
Base Inlet Connection		“FAST” Thread						“FAST” Thread				10-32 UNF Thread		4.5 mm Barb	
Dimensions Assembled (mm)	Height	41						41				53		415	525
	Width	33						33				33		33	33
	Depth	12						12				23		23	23
	Weight (g)	2.3						2.3				4.0		43.5	47.1
Material		U.V. Stabilized													

Orbita Micro Sprinklers

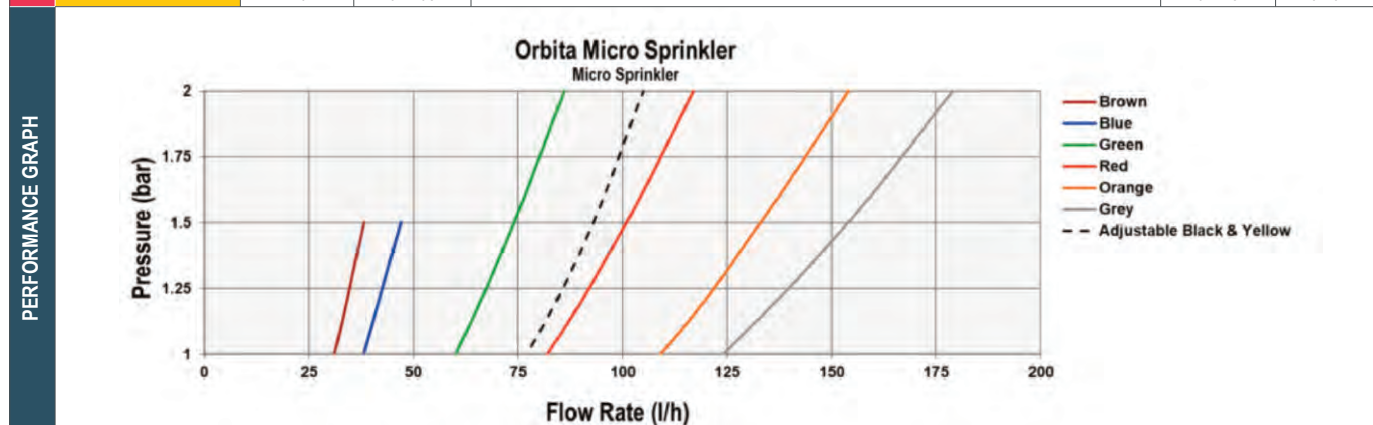
SPRINKLERS

Micro Sprinklers



Micro Sprinklers

PERFORMANCE DATA				Standard		Inverted		Spike		Adjustable	
						200 mm	310 mm				
						Tested 0.2 m above Ground Level	Tested 0.8 m above Ground Level			Tested 2 m above Ground Level	Tested 0.3 m above Ground Level
FIXED FLOW	BASE COLOUR AND BASE OUTLET SIZE	PRESSURE (bar)	FLOW RATE (l/h)	DIAMETER OF THROW (m)	STREAM HEIGHT (m)	DIAMETER OF THROW (m)		DIAMETER OF THROW (m)		DIAMETER OF THROW (m)	STREAM HEIGHT (m)
	BROWN 0.9 mm	1.0	31	5.3	0.2	4.0	5.4				
		1.25	35	5.5	0.3	4.1	5.7				
		1.5	38	5.6	0.4	4.2	5.8				
	BLUE 1.0 mm	1.0	36	5.4	0.2	4.1	5.6				
		1.25	42	5.6	0.3	4.2	5.8				
		1.5	47	5.7	0.4	4.3	5.9				
	GREEN 1.3 mm	1.0	60	6.0	0.4	4.2	5.7				
		1.5	74	6.7	0.5	4.5	6.1				
		2.0	86	7.2	0.5	4.8	6.5				
	RED 1.5 mm	1.0	82	6.4	0.4	4.4	5.9			6.5	6.6
		1.5	101	7.3	0.5	4.8	6.5			7.4	7.5
		2.0	117	8.0	0.5	5.1	7.0			8.1	8.2
ORANGE 1.8 mm	1.0	109	6.8	0.4							
	1.5	133	7.7	0.5							
	2.0	154	8.4	0.5							
GREY 2.0 mm	1.0	124	6.9	0.5							
	1.5	154	7.8	0.5							
	2.0	179	8.6	0.5							
VARIABLE FLOW	BLACK Adjustable to max 1.5 mm	1.0	0 - 77							0 - 6.3	0 - 0.4
		1.5	0 - 94							0 - 7.2	0 - 0.4
		2.0	0 - 105							0 - 7.9	0 - 0.4
	YELLOW Adjustable to max 1.5 mm	1.0	0 - 77							0 - 6.3	0 - 0.4
		1.5	0 - 94							0 - 7.2	0 - 0.4
		2.0	0 - 105							0 - 7.9	0 - 0.4



Recommended operating pressure is indicated by the rows highlighted in blue

Pressure Compensating Sprinklers

FEATURES and BENEFITS

- Pressure Compensating Micro Sprinklers with pre-defined flow rates
- Ideal where uniform flow rates and constant diameter of throw are required.
- Colour coded bases
 - 30 lph (Orange), 40 lph (Blue), 50 lph (Violet),
 - 55 lph (Green) and 80 lph (Red).

APPLICATIONS

- Suitable for large areas that include garden beds, landscapes, vegetable gardens and agriculture applications.

Orbita PC Micro Sprinkler Assemblies						
		Colours, Flow Rates & Orifice Sizes				
Base Colour		Orange	Blue	Violet	Green	Red
Flow Rate		30 l/h	40 l/h	50 l/h	55 l/h	80 l/h
Base Outlet Size (mm)		1.25	1.30	1.45	1.55	1.65
PACKAGING						
Order Codes	Packs	203124	203134	203144	203154	203164
	Bulk	020312	020313	020314	020315	020316
Quantity per Bag	Packs	25				
	Bulk	500				
Bags per Carton	Packs	100				
	Bulk	5				
Weight per Carton (kg)	Packs	14.2				
	Bulk	13.7				
Base Inlet Connection		10-32 UNF Thread				
Dimensions Assembled (mm)	Height	55				
	Width	32				
	Depth	17				
	Weight (g)	5.1				
Material		U.V. Stabilized				



Orbita PC
30 lph



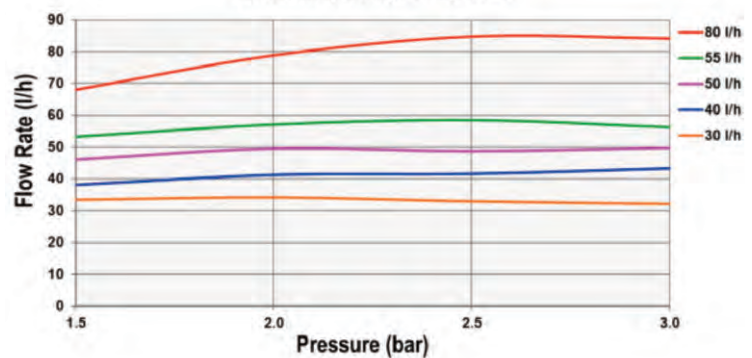
Orbita PC
55 lph

FILTRATION REQUIREMENTS

- Orange and Blue Bases: 130 microns (120 mesh)
- Violet, Green and Red Bases: 200 microns (80 mesh)

Orbita PC Micro Sprinklers					
PERFORMANCE DATA					
PRESSURE COMPENSATING MICRO SPRINKLERS	BASE COLOUR AND FLOW RATE	PRESSURE (bar)	FLOW RATE (l/h)	DIAMETER OF THROW (m)	STREAM HEIGHT (m)
	ORANGE 30 l/h	1.5	33.4	3.2	0.3
		2.0	34.2	3.4	0.3
		2.5	32.9	3.4	0.3
		3.0	32.0	3.4	0.3
	BLUE 40 l/h	1.5	38.1	3.6	0.3
		2.0	41.2	3.8	0.3
		2.5	41.6	3.8	0.3
		3.0	43.2	3.8	0.3
	VIOLET 50 l/h	1.5	46.0	3.8	0.4
		2.0	49.4	4.0	0.4
		2.5	48.6	4.0	0.4
		3.0	49.6	4.0	0.4
	GREEN 55 l/h	1.5	53.2	4.2	0.4
		2.0	57.1	4.4	0.4
		2.5	58.4	4.4	0.4
		3.0	56.2	4.4	0.4
	RED 80 l/h	1.5	68.0	5.4	0.4
		2.0	78.9	5.8	0.4
		2.5	84.8	6.0	0.4
		3.0	84.2	6.0	0.4

Orbita PC Micro Sprinklers
Pressure Compensating Micro Sprinklers



Orbita Micro Sprinklers

SPRINKLERS

Micro Sprinklers

FEATURES and BENEFITS

- Two Orbita micro sprinkler models available: **Standard** and **Inverted**
- Eight colour coded barbed bases to choose from for both models.
- Base colour identifies the flow rate.
- Strong “C” frame design allows for excellent water distribution uniformity.
- During rotation the spinner is supported between two bearings.
- The spinner on the inverted model has a cover that protects the bottom bearing from dust.

APPLICATIONS

- Ideal for large areas that include garden beds, landscapes, vegetable gardens and agricultural applications.



Orbita Micro Sprinkler with 4.5 mm Barbed Base																	
		Standard								Inverted							
Base Colour		Black	Brown	Blue	Green	Red	Orange	Grey	White	Black	Brown	Blue	Green	Red	Orange	Grey	White
Base Outlet Size (mm)		0.8	0.9	1.0	1.3	1.5	1.8	2.0	2.3	0.8	0.9	1.0	1.3	1.5	1.8	2.0	2.3
PACKAGING																	
Order Codes	Packs	208395	208405	208415	208425	208435	208445	208455	208465	208475	208485	208495	208505	208515	208525	208535	208545
	Bulk	020839	020840	020841	020842	020843	020844	020845	020846	020847	020848	020849	020850	020851	020852	020853	020854
Quantity per Bag	Packs	50								50							
	Bulk	500								500							
Bags per Carton	Packs	120								120							
	Bulk	12								12							
Weight per Carton (kg)	Packs	15.8								15.9							
	Bulk	15.3								15.4							
Base Inlet Connection		4.5 mm Barb								4.5 mm Barb							
Dimensions Assembled (mm)	Height	41.5								41.5							
	Width	33								33							
	Depth	12								12							
	Weight (g)	2.4								2.4							
Material		U.V. Stabilized															

FEATURES and BENEFITS

- The Strong “C” frame design allows for excellent water distribution uniformity.
- Inverted Orbita Micro Sprinkler with barbed base.
- Eight colour coded bases to choose from
- Base colour identifies the flow rate.
- During rotation the spinner is supported between two bearings.
- The spinner on the inverted sprinkler has a cover that protects the bottom bearing from dust.
- A Counter Weight keeps the assembly stable and upright. The Counter Weight also aids with the insertion of the Winged Adaptor to the supply tube.
- 500 mm of Flexible PVC Tube allows the assembly to be suspended in a vertical position above plants and foliage.
- The Winged Adaptor may be inserted into the supply tube by a thread or barb.

APPLICATIONS

- Agricultural applications and greenhouses.



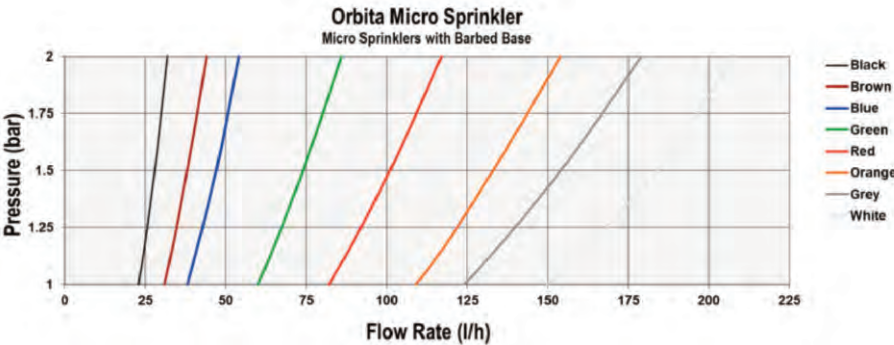
Inverted Orbita Micro Sprinkler									
Inverted Orbita Micro Sprinkler with Counter Weight, 500 mm FPVC and Adaptor									
Base Colour		Black	Brown	Blue	Green	Red	Orange	Grey	White
Base Outlet Size		0.8 mm	0.9 mm	1.0 mm	1.3 mm	1.5 mm	1.8 mm	2.0 mm	2.3 mm
PACKAGING									
Order Codes	Packs	208552	208562	208572	208582	208592	208602	208612	208622
	Bulk	020855	020856	020857	020858	020859	020860	020861	020862
Quantity per Bag	Packs	10							
	Bulk	200							
Bags per Carton	Packs	20							
	Bulk	1							
Weight per Carton (kg)	Packs	15.8							
	Bulk	15.3							
Base Inlet Connection		4.5 mm Barb							
Dimensions Assembled (mm)	Height	550							
	Width	37							
	Depth	29							
	Weight (g)	59.5							
Material		U.V. Stabilized							

Orbita Micro Sprinklers

Micro Sprinklers

SPRINKLERS



ORBITA MICRO SPRINKLERS							
PERFORMANCE DATA				STANDARD		INVERTED	
							
				Tested 0.2 m above Ground Level		Tested 0.8 m above Ground Level	Tested 2 m above Ground Level
FIXED FLOW	BASE COLOUR AND BASE OUTLET SIZE	PRESSURE	FLOW RATE	DIAMETER OF THROW (m)	STREAM HEIGHT (m)	DIAMETER OF THROW (m)	
		(bar)	(l/h)				
	BLACK 0.8 mm	1.0	23	5.2	0.2	3.9	5.2
		1.25	25	5.4	0.3	4.0	5.5
		1.5	28	5.5	0.4	4.1	5.6
	BROWN 0.9 mm	1.0	31	5.3	0.2	4.0	5.4
		1.25	35	5.5	0.3	4.1	5.7
		1.5	38	5.6	0.4	4.2	5.8
	BLUE 1.0 mm	1.0	36	5.4	0.2	4.1	5.6
		1.25	42	5.6	0.3	4.2	5.8
		1.5	47	5.7	0.4	4.3	5.9
	GREEN 1.3 mm	1.0	60	6.0	0.4	4.2	5.7
		1.5	74	6.7	0.5	4.5	6.1
		2.0	86	7.2	0.5	4.8	6.5
	RED 1.5 mm	1.0	82	6.4	0.4	4.4	5.9
		1.5	101	7.3	0.5	4.8	6.5
		2.0	117	8.0	0.5	5.1	7.0
PERFORMANCE GRAPH	ORANGE 1.8 mm	1.0	109	6.8	0.4	4.5	6.3
		1.5	133	7.7	0.5	5.0	6.8
		2.0	154	8.4	0.5	5.2	7.2
	GREY 2.0 mm	1.0	124	6.9	0.5	4.6	6.4
		1.5	154	7.8	0.5	5.1	6.9
		2.0	179	8.6	0.5	5.3	7.3
	WHITE 2.3 mm	1.0	150	6.9	0.5	4.7	6.5
		1.5	184	7.8	0.5	5.2	7.0
		2.0	208	8.6	0.5	5.4	7.4
	 Orbita Micro Sprinkler Micro Sprinklers with Barbed Base — Black — Brown — Blue — Green — Red — Orange — Grey — White						

Recommended operating pressure is indicated by the rows highlighted in blue



Inverted Orbita Micro Sprinkler with Counter Weight & 500 mm FPVC Tube

Barb and Thread Connections

FEATURES and BENEFITS

- Inline Micro Valves, easy to install, simple to use. Rotate rotor for water control management of micro irrigation installations.
- Available in three connection combinations, Barb x Barb, Thread x Thread and Barb x Thread.
- Two coloured models are available for the Barb x Barb and the Thread x Thread micro valves:
 1. **Black Base** with a **Black Rotor**
 2. **Yellow Base** with a **Blue Rotor**.
- The Barb x Thread micro valve is only available with a **Black Base** and a **Black Rotor**.

APPLICATIONS

- Micro irrigation installations where flow control is required.



Micro Valve
4.5 mm Barb



Micro Valve
10-32 UNF Thread

MICRO VALVES						
RANGE		Coloured Range		Black Range		
						
Rotor Colour		Blue	Blue	Black	Black	Black
Base Colour		Yellow	Yellow	Black	Black	Black
Order Codes	Packs	200875	200975	200865	200965	200885
	Bulk	020087	020097	020086	020096	020088
Quantity per Bag	Packs	50	50	50	50	50
	Bulk	1000	1000	1000	1000	1000
Bags per Carton	Packs	100	100	100	100	100
	Bulk	5	5	5	5	5
Weight per Carton (kg)	Packs	12.7	12.7	12.7	12.7	12.7
	Bulk	12.0	12.0	12.0	12.0	12.0
Base Connection Type		4.5 mm Barb	10-32 UNF Thread	4.5 mm Barb	10-32 UNF Thread	10-32 UNF Thread 4.5 mm Barb
Dimension of Micro Valves Assembled (mm)	Height	40	37	40	37	39
	Width	22	22	22	22	22
	Depth	15	15	15	15	15
	Weight (g)	2.4	2.4	2.4	2.4	2.4
Material		U.V. Stabilized				

Barb and Thread Connections

FEATURES and BENEFITS

- The Testa Roja Quick Action Valves are easy to install, simple to use. To control the water flow of irrigation installations rotate the valve handle. A quarter turn of the handle is all that is required to go from full flow to the **"OFF"** position.
- Available in three connection combinations, Barb x Barb, Barb x Male Thread and Barb x Female Thread.
- Many different combinations are available.
- The Female Threaded Nut on the Female Threaded Valves rotates independantly from the body.

Patented

- The 13 mm valves are for 16 mm O.D. LDPE Tube.
- The 17 mm valves are for 20 mm O.D. LDPE Tube.
- The 14 mm, 15 mm and 18 mm valves are for dripper lines and are also available in colour **Brown**.

APPLICATIONS

- Irrigation installations where flow control is required.

PLEASE NOTE:

- Valve Sizes specified refer to the Inside Diameter of Tube.
- A filter should be installed at the beginning of the system to protect the emitters and valves.
- The system should be drained if temperatures are expected to reach freezing point.

- **Recommended Maximum Operating Pressure: 3 bar**
- **Recommended Operating Temperatures: 1° C to 50° C**



Testa Roja Valve
13 mm Barb

Testa Roja Valve
14 mm Barb (Brown)



Testa Roja Valve
16 mm Barb x 1/2" Male Thread



Testa Roja Valve
14 mm Barb x 1/2" Female Thread



Testa Roja Valves													
PACKAGING		Testa Roja Valve Sizes										CONNECTION TYPE	
		13 mm	14 mm		15 mm		16 mm	17 mm	18 mm		19 mm		20 mm
Rotor Colour		Terracotta	Brown	Terracotta	Brown	Terracotta			Brown	Terracotta			
Body Colour		Black	Brown	Black	Brown	Black			Brown	Black			
Order Codes	Packs	206153	206163	204503	206173	209473	206183	206193	206203	204563	206213	206223	Barb x Barb
	Bulk	020615	020616	020450	020617	020947	020618	020619	020620	020456	020621	020622	
Quantity per Bag	Packs	20	20	20	20	20	20	20	20	20	20	20	
	Bulk	500	500	500	500	500	460	460	440	440	200	200	
Bags per Carton	Packs	25	25	25	25	25	23	23	22	22	10	10	
	Bulk	1	1	1	1	1	1	1	1	1	1	1	
Weight per Carton (kg)	Packs	10.8	10.9	10.9	10.9	10.9	10.6	10.5	10.3	10.3	9.0	9.4	
	Bulk	10.4	10.5	10.5	10.5	10.5	10.2	10.3	9.9	9.9	8.8	9.2	
Dimensions Assembled (mm)	Height	41	41	41	41	41	41	41	41	41	54	54	
	Width	32	32	32	32	32	32	32	32	32	44	44	
	Depth	84	84	84	84	84	84	84	84	84	100	100	
	Weight (g)	19.0	19.2	19.2	19.2	19.2	20.3	20.4	20.4	20.4	39.6	41.6	
Order Codes	Packs	206233	206243	203243	206253		206263	206273	206283		206293	206303	Barb x 1/2" NPT Male Thread
	Bulk	020623	020624	020324	020625		020626	020627	020628		020629	020630	
Quantity per Bag	Packs	20	20	20	20		20	20	20		20	20	
	Bulk	480	480	480	480		460	460	440		200	200	
Bags per Carton	Packs	24	24	24	24		23	23	22		10	10	
	Bulk	1	1	1	1		1	1	1		1	1	
Weight per Carton (kg)	Packs	11.6	11.7	11.7	11.7		11.8	11.8	11.4		9.8	10.2	
	Bulk	11.3	11.4	11.4	11.4		11.5	11.5	11.1		9.6	10.0	
Dimensions Assembled (mm)	Height	41	41	41	41		41	41	41		54	54	
	Width	32	32	32	32		32	32	32		44	44	
	Depth	90	90	90	90		90	90	90		106	106	
	Weight (g)	21.6	21.8	21.8	21.8		22.9	23.0	23.1		43.5	45.5	
Material		U.V. Stabilized											

Barb and Thread Connections



Testa Roja Valve
16 mm Barb x 3/4" BSP Male Thread



Testa Roja Valve
16 mm Barb x 3/4" Female Thread

Testa Roja Valves										
PACKAGING		Testa Roja Valve Sizes								CONNECTION TYPE
		13 mm	14mm	15 mm	16 mm	17 mm	18 mm	19 mm	20 mm	
Rotor Colour		Terracotta								
Body Colour		Black								
Order Codes	Packs	206393	206403	206413	206423	206433	206443	206453	206463	Barb x 3/4" BSP Male Thread
	Bulk	020639	020640	020641	020642	020643	020644	020645	020646	
Quantity per Bag	Packs	20	20	20	20	20	20	20	20	
	Bulk	360	360	360	360	360	340	180	180	
Bags per Carton	Packs	18	18	18	18	18	16	9	9	
	Bulk	1	1	1	1	1	1	1	1	
Weight per Carton (kg)	Packs	9.5	9.5	9.5	9.9	10.0	9.0	9.0	9.4	
	Bulk	9.2	9.3	9.3	9.7	9.7	9.3	8.9	9.2	
Dimensions Assembled (mm)	Height	41	41	41	41	41	41	54	54	
	Width	32	32	32	32	32	32	44	44	
	Depth	92	92	92	92	92	92	108	108	
	Weight (g)	23.0	23.2	23.2	24.3	24.4	24.5	44.2	46.2	
Order Codes	Packs	206473	206483	206493	206503	206513	206523	206533	206543	Barb x 1/2" FemaleThread Patented
	Bulk	020647	020648	020649	020650	020651	020652	020653	020654	
Quantity per Bag	Packs	20	20	20	20	20	20	20	20	
	Bulk	480	480	480	460	460	440	200	200	
Bags per Carton	Packs	20	20	20	23	23	22	10	10	
	Bulk	1	1	1	1	1	1	1	1	
Weight per Carton (kg)	Packs	10.4	10.4	10.4	13.0	13.1	12.6	10.1	10.5	
	Bulk	12.2	12.3	12.3	12.7	12.8	12.3	9.9	10.3	
Dimensions Assembled (mm)	Height	41	41	41	41	41	41	54	54	
	Width	32	32	32	32	32	32	44	44	
	Depth	95	95	95	95	95	95	109	109	
	Weight (g)	23.4	23.6	23.6	25.6	25.7	25.8	45.0	47.0	
Order Codes	Packs	206553	206563	206573	206583	206593	206603	206613	206623	Barb x 3/4" FemaleThread Patented
	Bulk	020655	020656	020657	020658	020659	020660	020661	020662	
Quantity per Bag	Packs	20	20	20	20	20	20	20	20	
	Bulk	360	360	360	360	360	340	180	180	
Bags per Carton	Packs	18	18	18	18	18	16	9	9	
	Bulk	1	1	1	1	1	1	1	1	
Weight per Carton (kg)	Packs	11.0	11.1	11.1	11.5	11.6	10.4	9.6	10.0	
	Bulk	10.8	10.9	10.9	11.3	11.3	10.8	9.5	9.9	
Dimensions Assembled (mm)	Height	41	41	41	41	41	41	54	54	
	Width	32	32	32	32	32	32	44	44	
	Depth	96	96	96	96	96	96	110	110	
	Weight (g)	27.4	27.6	27.6	28.7	28.8	28.9	47.6	49.6	
Material		U.V. Stabilized								

PE & PVC Pipe, Lay-Flat & Tape Connections

FEATURES and BENEFITS

- The Testa Roja Quick Action Valves are easy to install, simple to use. To control the water flow of irrigation installations rotate the valve handle. A quarter turn of the handle is all that is required to go from full flow to the "OFF" position.
- Available in various connection combinations, Take-Off for PE Pipe Connection, D-Barb, Male Thread, Female Thread (Rotating Nut), Ø16 and Ø22 Tape Connection, Take-Off for PVC Pipe Connection and a new easy to install Flex Connect™ Lay-Flat Adaptor.

APPLICATIONS

- Irrigation installations where flow control is required.

PLEASE NOTE:

- Valve Sizes specified refer to the Inside Diameter of Tube.
- To protect the integrity of the valves, the system should be drained if temperatures are expected to reach freezing point



Flex Connect™ with Lay-Flat Adaptor
x
Ø16 Tape Connector



3/4" BSP/M
x
Ø16 Tape Connector



3/4" Female Nut
x
3/4" BSP/M



Take-Off with Gasket, For PE Pipe
x
13 mm D-Barb

Testa Roja, Valves QA (Ag) Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Valves				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	
	1/2" Female Nut 1/2" NPT/M	203395	50	7	10.1	42	32	102	26.0	
	1/2" Female Nut 3/4" BSP/M	203415	50	6	11.0	42	32	102	27.7	
	3/4" Female Nut 1/2" NPT/M	203405	50	7	11.1	42	32	102	28.8	
	3/4" Female Nut 3/4" BSP/M	203425	50	6	11.7	42	32	102	30.5	
	3/4" Female Nut 13 mm D-Barb	211055	50	9	10.5	42	32	93	27.4	
	3/4" Female Nut 17 mm D-Barb	211065	50	8	9.2	42	32	93	27.5	
	Take-Off with Gasket, For PE Pipe 13 mm D-Barb	206695	50	10	11.4	42	32	86	20.6	
	Take-Off with Gasket, For PE Pipe 17 mm D-Barb	206705	50	10	11.6	42	32	86	21.0	
	3/4" BSP/M with Gasket, For PE Pipe	212635	50	8	11.9	45	32	92	21.0	
	13 mm D-Barb Ø16 Tape Connector	206715	50	8	11.4	42	32	109	25.8	
	13 mm D-Barb Ø22 Tape Connection	206655	50	7	13.1	42	32	113	34.5	
	Take-Off with Gasket, For PE Pipe Ø16 Tape Connector	206725	50	7	10.3	42	32	108	26.5	
	Take-Off with Gasket, For PE Pipe Ø22 Tape Connector	206665	50	7	13.4	42	32	112	35.3	

U.V. Stabilized

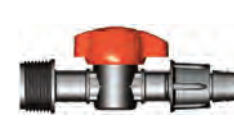
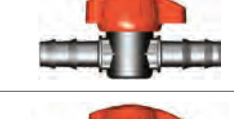
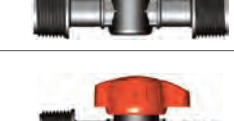




1/2" NPT/M
x
21 mm D-Barb



Flex Connect™ with Lay-Flat Adaptor
x
Ø22 Tape Connector

Testa Roja, Valves QA (Ag) Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Valves				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	U.V. Stabilized
	1/2" NPT/M Ø16 Tape Connector	206735	50	7	11.1	42	32	114	28.8	
	1/2" NPT/M Ø22 Tape Connector	207155	50	6	12.2	42	30	118	37.3	
	3/4" BSP/M Ø16 Tape Connector	206685	50	6	10.8	42	32	115	32.8	
	3/4" BSP/M Ø22 Tape Connector	206985	50	5	8.3	42	30	119	29.4	
	Take-Off x Ø16 Tape Connector, For PVC Pipe (Gasket Not Included)	206745	50	7	10.2	42	32	115	26.3	
	Take-Off x Ø22 Tape Connector, For PVC Pipe (Gasket Not Included)	206675	50	6	11.6	42	32	120	35.4	
	Take-Off 13 mm D-Barb, For PVC Pipe (Gasket Not Included)	211935	50	7	TBA	42	32	94	22.1	
	Flex Connect™ with Lay-Flat Adaptor Ø16 Tape Connector	206755	50	5	10.5	42	32	125	38.2	
	Flex Connect™ with Lay-Flat Adaptor Ø22 Tape Connector	206795	50	4	10.9	42	32	130	49.5	
	Flex Connect™ without Lay-Flat Adaptor Ø16 Tape Connector	206645	50	5	10.5	44	32	111	29	
	Flex Connect™ without Lay-Flat Adaptor Ø22 Tape Connector	206975	50	4	10.9	47	32	116	40.3	
	13 mm D-Barb	206885	50	10	11.5	42	32	89	20.8	
	17 mm D-Barb	206895	50	10	11.6	42	32	88	21.1	
	1/2" NPT/M	206765	50	8	11.5	42	32	98	26.2	
	3/4" BSP/M	206775	50	7	11.0	42	32	99	28.5	
	1/2" NPT/M 13 mm D-Barb	206905	50	9	11.6	42	32	93	23.4	
	3/4" BSP/M 13 mm D-Barb	206915	50	8	11.6	42	32	93	26.5	
	1/2" NPT/M 17 mm D-Barb	206925	50	9	12.4	42	32	93	25.3	
	3/4" BSP/M 17 mm D-Barb	206935	50	7	10.4	44	32	93	26.7	

PE & PVC Pipe, Lay-Flat & Tape Connections



13 mm D-Barb



3/4" BSP/M
x
13 mm D-Barb



Take-Off with Gasket
x
Ø16 Tape Connector



3/4" BSP/M

Testa Roja, Valves QA (Ag) Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Valves				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	
	1/2" NPT/M 21 mm D-Barb	206945	50	8	11.7	42	32	103	26.7	
	3/4" BSP/M 21 mm D-Barb	206955	50	7	10.6	44	32	103	27.4	
	1/2" Female Nut Ø16 Tape Connector	207695	50	6	10.1	42	32	117	30.5	
	1/2" Female Nut Ø22 Tape Connector	207705	50	6	12.4	42	32	122	37.9	
	3/4" Female Nut Ø16 Tape Connector	207715	50	6	10.9	44	32	118	33.2	
	3/4" Female Nut Ø22 Tape Connector	207725	50	5	11.1	44	32	123	40.7	
	1/2" NPT/M "Fast" Lock Ring, 16 mm Drip-Line Connector	209435	50	7	11.9	44	32	112	31.2	
	3/4" BSP/M "Fast" Lock Ring, 16 mm Drip-Line Connector	209505	50	6	11.2	44	32	112	34	
	Take-Off with Gasket "Fast" Lock Ring, 16 mm Drip-Line Connector	210265	50	7	10.3	44	32	108	26.5	
	Take-Off, with Lock Nut, For PE Pipe Ø16 Tape Connector	207655	50	6	11.4	44	32	123	34.7	
	Ø16 Tape Connector	203375	50	6	10.9	44	32	128	33.1	
	Ø22 Tape Connector	203385	50	4	9.3	47	33	138	48.0	
	Ø16 Tape "Fast" Loc	206995	50	6	9.3	44	32	127	27.6	
	Ø22 Tape "Fast" Loc	211005	50	4	8.7	47	32	130	38.6	
	Take-Off with Gasket, For PE Pipe Ø16 Tape "Fast" Loc	207495	50	7	10.2	43	32	106	36.2	
	Take-Off with Gasket, For PE Pipe Ø22 Tape "Fast" Loc	207505	50	7	12.0	46	32	108	31.4	
	Flex Connect™ with Lay-Flat Adaptor Ø16 Tape "Fast" Loc	207515	50	5	10.2	45	32	122	37.0	
	Flex Connect™ with Lay-Flat Adaptor Ø22 Tape "Fast" Loc	207525	50	4	9.4	46	32	124	42.2	

U.V. Stabilized

Barb, Thread, Tape and Compression Connections

1" Body, 25 mm D-Barb

Ø16 Tape "Fast" Loc

**Take-Off with Gasket,
For PE Pipe x Ø16
Tape "Fast" Loc**

**1" Body, 1" Female Thread
x
25 mm D-Barb**

Testa Roja, Valves QA (Ag) Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Valves				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	
	Flex Connect™ without Lay-Flat Adaptor Ø16 Tape "Fast" Loc	211305	50	6	8.4	45	32	122	24.6	
	Flex Connect™ without Lay-Flat Adaptor Ø22 Tape "Fast" Loc	211355	50	5	9.4	46	32	124	29.8	
	3/4" Female Nut Ø16 Tape "Fast" Loc	207535	50	6	10.3	48	32	117	30.95	
	3/4" Female Nut Ø22 Tape "Fast" Loc	207545	50	5	10.0	48	32	119	36.15	
	1/2" NPT/M Ø16 Tape "Fast" Loc	211285	50	7	10.7	43	32	112	27.7	
	1/2" NPT/M Ø22 Tape "Fast" Loc	211295	50	6	10.6	46	32	114	32.10	
	250 Series Barb Ø16 Tape Connector	212385	50	8	11.4	44	32	99	25.9	
	250 Series Barb Ø22 Tape Connector	212405	50	6	11.0	47	32	104	33.4	
	400 Series Barb Ø16 Tape Connector	211145	50	8	15.0	42	32	118	31.6	
	400 Series Barb Ø22 Tape Connector	211155	50	6	13.7	44	32	123	39.2	
	550 Series Qwik Loc	212525	50	4	9.0	44	32	136	40.2	
	1" Body, 24 mm D-Barb	210092	10	8	9.5	79	60	145	106.5	
	1" Body, 25 mm D-Barb	208732	10	8	9.5	79	60	145	106.8	
	1" Body, 30 mm D-Barb	210102	10	8	9.9	79	60	145	111.2	
	1" Body, 1" BSP/M 25 mm D-Barb	208742	10	7	8.8	79	60	144	113.4	
	1" Body, 1" BSP/M	208762	10	7	9.4	79	60	153	121.6	

U.V. Stabilized

Barb, Thread, Tape and Compression Connections



1" Body, 1" Female Nut
(Rotating)



3/4" Body, 3/4" BSP/M
x
20 mm Compression



1" Body, 1" BSP/M
x
32 mm Compression



1" Body, 1" Female Thread
x
32 mm Compression

Testa Roja, Valves QA (Ag) Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Valves				
						Height	Width	Length	Weight	
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	mm			g	
	1" Body, 1" Female Nut (Rotating) 25 mm D-Barb	208782	10	6	8.3	79	60	147	123.7	
	1" Body, 1" Female Nut (Rotating) 1" BSP/M	210192	10	6	8.7	79	60	151	130.3	
	1" Body, 1" Female Nut (Rotating)	208802	10	6	8.8	79	60	149	133.9	
	3/4" Body, 1/2" NPT/M 20 mm Compression	210272	10	10	8.8	61	44	144	81.8	
	3/4" Body, 3/4" BSP/M 20 mm Compression	210282	10	10	8.9	61	44	145	82.1	
	3/4" Body, 3/4" BSP/M 25 mm Compression	210592	10	10	10.5	61	44	145	95.5	
	1" Body, 1"Female Nut (Rotating) 25 mm Compression	210302	10	4	7.3	81	60	179	175.9	
	1" Body, 1" Female Nut (Rotating) 32 mm Compression	210312	10	4	8.6	85	60	184	195.6	
	1" Body, 1" BSP/M 25 mm Compression	210372	10	4	6.8	81	60	181	163.3	
	1" Body, 1" BSP/M 32 mm Compression	210382	10	4	7.7	85	60	187	182.7	
	3/4" Body, 20 mm Compression	210132	10	8	9.7	61	44	174	115.1	
	3/4" Body, 25 mm Compression	210142	10	7	10.8	65	51	178	134.5	
	1" Body, 25 mm Compression	210112	10	4	8.5	81	60	210	196.6	
	1" Body, 32 mm Compression	210122	10	3	8.5	85	60	220	237.5	

U.V. Stabilized

Barb and Thread Connections

FEATURES and BENEFITS

- Easy to install Y-Filter / Pressure Reducers and In-Line Pressure Reducers 3/4" threaded connections and preset Outlet pressures
- Six colour coded Y-Filters with Pressure Reducers and preset outlet pressures are available:
Three Y-Filter / Pressure Reducers with 3/4" Male Pipe Thread connections (Inlet & Outlet)
Three Y-Filter / Pressure Reducers with 3/4" Female Thread (Inlet) and 3/4" Male Pipe Thread (Outlet).
- Three colour coded In-Line Pressure Reducers with preset outlet pressures are available.
The In-Line Pressure Reducers come with 3/4" Female Thread (Inlet) and 3/4" Male Pipe Thread (Outlet).
- The Pressure Reducer controls mains water pressure at the outlet to:
1.0 bar (**Red**)
1.8 bar (**Black**)
2.5 bar (**Green**)
- Y-Filter with 3/4" Male Pipe Thread (Inlet & Outlet).
- The 150 Mesh Stainless Steel Filter Screen in the Y-Filters traps particles in the water to reduce clogging of emitters.
- The 3/4" Female Threaded Nut on the Y-Filters and the In-Line Pressure Reducers rotates independently from the body.



APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens

Maximum Operating Pressure: 6 bar



Y-Filter / Pressure Reducer
3/4" Male Thread (Inlet & Outlet)
1.0 bar (**Red**)



In-line Pressure Reducer
3/4" Female Thread (Inlet)
x
3/4" Male Thread (Outlet)
2.5 bar (**Green**)



In-line Pressure Reducer
3/4" Female Thread (Inlet)
x
3/4" Male Thread (Outlet)
1.8 bar (**Black**)



Y-Filter / Pressure Reducer
3/4" Female Thread (Inlet)
x
3/4" Male Thread (Outlet)
2.5 bar (**Green**)

Filters & Pressure Reducers												
PACKAGING												
		Y-Filter with Pressure Reducer			Y-Filter with Pressure Reducer			In-Line Pressure Reducer			Y-Filter	
Outlet Pressure		1.0 bar	1.8 bar	2.5 bar	1.0 bar	1.8 bar	2.5 bar	1.0 bar	1.8 bar	2.5 bar		
Order Codes	Packs	210428	208218	210438	210448	208228	210458	210463	208233	210473	208718	
	Bulk	021042	020821	021043	021044	020822	021045	021046	020823	021047	020871	
Quantity per Bag	Packs	1			1			20			1	
	Bulk	80			80			450			80	
Bags per Carton	Packs	60			60			20			60	
	Bulk	1			1			1			1	
Weight per Carton (kg)	Packs	9.0			9.1			16.4			8.4	
	Bulk	10.6			10.6			17.9			9.8	
Inlet Connection		3/4" Male Thread			3/4" Female Thread			3/4" Female Thread			3/4" Male Thread	
Outlet Connection					3/4" Male Thread			3/4" Male Thread				
Dimensions Assembled (mm)	Height	150			154			85			150	
	Width	110			112			33.5			110	
	Depth	5			50			33.5			50	
	Weight (g)	119.8			119.3			35.6			109.4	
Material		U.V. Stabilized										

Barb and Thread Connections

FEATURES and BENEFITS

- Easy to install Y-Filters with 3/4" threaded connections and In-Line Filters with thread and barb connections.
- Y-Filter without Pressure Reducer with 3/4" Female Threaded (Inlet) and 3/4" Male Thread (Outlet).
- Nine In-Line Filters are available:
Four In-Line Filters with 13 mm, 14 mm, 16 mm and 20 mm Barb connection (Inlet & Outlet).
Four In-Line Filters with 3/4" Female Thread (Inlet) and 13 mm, 14 mm, 16 mm and 20 mm Barb (Outlet). One In-Line Filter with 3/4" Female Thread (Inlet) and 3/4" Male Thread (Outlet)
- The 150 Mesh Stainless Steel Filter Screen in the Y-Filter and the In-Line Filter traps particles in the water to reduce clogging of emitters.
- The 3/4" Female Threaded Nut on the Y-Filter and the In-Line Filters rotates independently from the body.

APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens



Y-Filter
3/4" Male (Inlet - Outlet)



Y-Filter
3/4" Female Male (Inlet)
x
3/4" Male Thread (IOutlet)



In-Line Filter
13 mm Barb (Inlet & outlet)



In-Line Filter
3/4" Female Thread (Inlet)
x
13 mm Barb (Outlet)

Filters and Pressure Reducers											
PACKAGING											
		Y- Filter	In-line Filters Barbed (Inlet-Outlet)				In-line Filters 3/4" Female (Inlet) x Barb (Outlet)				In-line Filter Threaded (Inlet-Outlet)
			13 mm	14 mm	16 mm	20 mm	13 mm	14 mm	16 mm	20 mm	
Order Codes	Packs	208728	208284	209404	208824	208834	208324	209414	208844	208854	209574
	Bulk	020872	020828	020940	020882	020883	020832	020941	020884	020885	020957
Quantity per Bag	Packs	1	25	25	25	25	25	25	25	25	25
	Bulk	80	350	350	300	250	250	250	250	200	250
Bags per Carton	Packs	60	12	12	12	10	10	10	10	8	8
	Bulk	1	1	1	1	1	1	1	1	1	1
Weight per Carton (kg)	Packs	8.4	11.8	12.2	12.1	11.4	11.3	11.6	11.5	9.5	11.7
	Bulk	9.8	13.5	13.9	12.0	11.3	11.3	11.5	11.4	9.4	11.4
Inlet Connection		3/4" Female Thread	13 mm Barb	14 mm Barb	16 mm Barb	20 mm Barb	3/4" Female Thread				
Outlet Connection		3/4" Male Thread					13 mm Barb	14 mm Barb	16 mm Barb	20 mm Barb	3/4" Male Thread
Dimensions Assembled (mm)	Height	150	133				132				118
	Width	110	33.5								
	Depth	50	33.5								
	Weight (g)	108.9	35.7	36.9	36.9	41.2	41.2	42.2	41.9	42.4	42.7
Material		U.V. Stabilized									

FEATURES and BENEFITS

- The Ultra™ Stakes are ideal for landscaped gardens where plant heights differ and a variety of stake lengths are required to raise watering emitters above the plant foliage.
- Rigid Risers or Flexible Vinyl tube may be inserted into the stakes providing many height options.
- The stakes may be spot placed away from the main supply line to irrigate plants and shrubs.
- Two Ultra™ Stake lengths available, 200 mm and 310 mm. **(Registered Design)**
- Suitable for use with 6.9 mm O.D. Rigid Risers or Flexible Vinyl Offtake Tube.
- Five Ultra™ Stake Assemblies:
 - 200 mm Stake with 200 mm Rigid Riser Tube and 4.5 mm Barbed Adaptor
 - 310 mm Stake with 300 mm Rigid Riser Tube and 4.5 mm Barbed Adaptor
 - 310 mm Stake with 500 mm Flexible Vinyl Offtake Tube and 4.5 mm Barbed Adaptor
 - 200 mm Stake & 310 mm Stake with Micro Adaptor for direct connection of 10-32 UNF Male Threaded Bases or “Fast Thread” Bases , 500 mm Flexible Vinyl Offtake Tube and 4.5 mm Barbed Adaptor.
- Slim Line
- The Ground Hook is suitable for main supply lines from 16 mm O.D. to 20 mm O.D.
- The Ground Hook firmly secures main supply lines in position on the ground once the design layout has been defined in the garden bed.

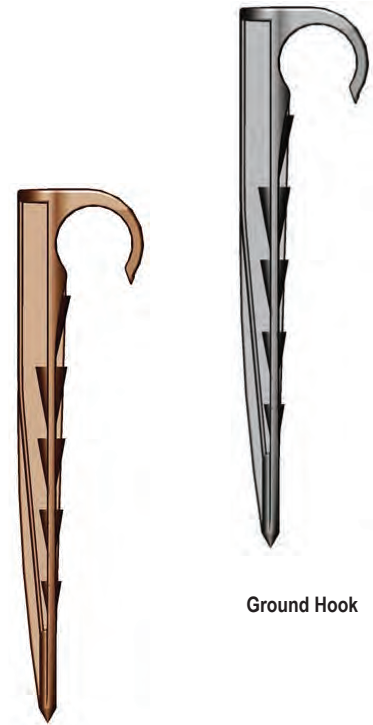
APPLICATIONS

- Landscaped gardens, pots and vases.



Ultra™ Stake with Micro Adaptor for direct connection of 10-32 UNF Male Threaded Bases

Ultra™ Stake application with Rigid Riser Tube



Ground Hook

Ground Hook

Stakes									
PACKAGING		ULTRA™ STAKES							GROUND HOOK
		200 mm Stake	310 mm Stake	200 mm Stake Micro Adaptor 500 mm FPVC	310 mm Stake Micro Adaptor 500 mm FPVC	200 mm Stake with 200 mm Rigid Riser	310 mm Stake with 300 mm Rigid Riser	310 mm Stake with 500 mm Flex. Tube	16 mm O.D. to 20 mm O.D.
Colour		Black							Brown Black
Order Codes	Packs	100474	100464	205692	205702	201284	201274	202652	103943
	Bulk	010047	010046	020569	020570	020128	020127	020265	010394 010174
Quantity per Bag	Packs	25	25	10	10	25	25	10	20
	Bulk	750	500	450	300	600	450	300	800
Bags per Carton	Packs	30	20	35	20	24	16	30	40
	Bulk	1	1	1	1	1	1	1	1
Weight per Carton (kg)	Packs	10.7	10.3	14.8	11.8	11.5	12.5	13.8	8.1
	Bulk	10.6	8.7	14.1	11.4	11.5	12.5	13.7	7.9
Dimensions (mm)	Height	200	310	200	310	200	310	310	150
	Width	17	17	17	17	17	17	17	36
	Depth	15	15	15	15	15	15	15	17
	Weight (g)	12.8	18.6	29.3	34.9	17.6	25.5	42.5	6.9
Material		U.V. Stabilized							

Micro Fittings, Adaptors, Nut and Tails

FEATURES and BENEFITS

- A range of micro fittings and adaptors with barb or “FAST” thread connection.
- Nut and Tails (*with Rotating Nut*) for easy connection to tubing, main water supply lines and emitters.
- A 1/2” female threaded adaptor with self-tapping micro connection for “Fast” Thread and 10-32 UNF threaded emitters. This adaptor is ideal for connection to 1/2” threaded risers.

APPLICATIONS

- Landscaped gardens, green houses and vegetable gardens.



Joiner, 4.5 mm Barb



3/4” BSP Female Nut
x
13 mm Barb
14 mm Barb
16 mm Barb
20 mm Barb



Elbow, 4.5 mm Barb



Tee, 4.5 mm Barb



Adaptor
“FAST” Thread x 4.5 mm Barb



Adaptor
Hypodermic Barb



Adaptor, “FAST” Thread Winged



3/4” BSP Female Nut
x
4.5 mm Barb



Self Tapping Micro
Adaptor x 1/2” Female Thread



Adaptor, 3/4” Female Thread
x
3/4” Female Thread



Cross, 4.5 mm Barb

Micro Fittings & Adaptors

PACKAGING		Elbow	Tee	Cross	Joiner	Adaptors					Nut & Tails				
		4.5 mm Barb				“FAST” Thread x 4.5 mm Barb	Hypodermic 4.5 mm Barb	“FAST” Thread Winged	Self Tapping Micro Adaptor x 1/2” Female Thread	3/4” Female Thread x 3/4” Female Female	3/4” Female Nut with Washer x Barbed Tail				
											4.5 mm Barb	13 mm Barb	14 mm Barb	16 mm Barb	20 mm Barb
Order Codes	Packs	100425	100445	100675	100406	100696	100706	100716	102094	209372	203954	203964	209424	201674	201684
	Bulk	010042	010044	010067	010040	010069	010070	010071	010209	020937	020395	020396	020942	020167	020168
Quantity per Bag	Packs	50	50	50	100	100	100	100	25	10	25	25	25	25	25
	Bulk	1000	1000	1000	1000	1000	1000	1000	500	650	1500	1000	1000	800	750
Bags per Carton	Packs	360	250	250	200	250	200	250	80	60	55	34	34	32	30
	Bulk	28	18	12	24	28	25	26	5	1	1	1	1	1	1
Weight per Carton (kg)	Packs	14.0	12.5	15.0	14.6	14.3	14.2	15.0	8.8	10.7	11.2	9.4	9.5	9.2	11.8
	Bulk	18.2	15.7	13.1	16.2	14.7	16.4	15.4	10.5	10.6	13.9	11.5	10.5	9.3	12.1
Dimensions (mm)	Height	19	30	30	29	27	27	27	25	50.0	33.5	49.0	49.0	49.0	49.0
	Width	19	19	30	10	7.8	16	14	27	33.6	33.6	33.6	33.6	33.6	33.6
	Depth	7.4	7.4	7.4	10	7.8	7.0	7.7	27	33.6	33.6	33.6	33.6	33.6	36.6
	Weight (g)	0.6	0.8	1.0	0.6	0.5	0.6	0.5	3.7	7.2	7.2	9.4	9.6	9.8	13.4
Material		U.V. Stabilized													

Rigid Risers

FEATURES and BENEFITS

- Risers used to raise emitters above plant foliage.
- Rigid Risers available in four lengths, 150 mm, 200 mm, 300 mm and 450 mm with Barbed connection, **“FAST”** thread connection and 1/2" Male Thread adaptor
- The HDPE (high density polyethylene) Rigid Risers are suitable for 10-32 UNF and **“FAST”** thread emitting devices such as Ottima™, Maxima™, Idra™, Single Piece Jets, Down Sprays and Orbita Micro Sprinklers
- The Barbed and **“FAST”** Threaded Rigid Risers may be used with Ultra™ Stakes
- Riser Tube Dimensions - 4 mm ID x 7.6 mm O.D.

APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens.



Rigid Risers																	
PACKAGING		RIGID RISERS															
		Plain				Barbed Adaptor				“FAST” Thread Adaptor				1/2" Male Thread Adaptor			
		150	200	300	450	150	200	300	450	150	200	300	450	150	200	300	450
		mm				mm				mm				mm			
Order Codes	Packs	108596	108606	108616	108626	200926	200806	200816	200826	200936	200836	200846	200856	212346	212356	212366	212376
	Bulk	010859	010860	010861	010862	020092	020080	020081	020082	020093	020083	020084	020085	021234	021235	021236	021237
Quantity per Bag	Packs	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Bulk	TBA	TBA	TBA	TBA	TBA	2300	1800	1100	TBA	2300	1800	1100	TBA	TBA	TBA	TBA
Bags per Carton	Packs	TBA	TBA	TBA	TBA	TBA	23	18	11	TBA	23	18	11	TBA	TBA	TBA	TBA
	Bulk	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Weight per Carton (kgs)	Packs	TBA	TBA	TBA	TBA	TBA	16.7	17.5	15.8	TBA	16.7	17.5	15.8	TBA	TBA	TBA	TBA
	Bulk	TBA	TBA	TBA	TBA	TBA	17.5	13.4	12.1	TBA	12.0	13.4	12.1	TBA	TBA	TBA	TBA
Riser Dimensions (mm)	Height	150	200	300	450	165	216	318	455	165	216	318	468	165	216	318	468
	Width	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	15.2	15.2	15.2	20.3	20.3	20.3	20.3
	Dia.	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	22.9	22.9	22.9	22.9
	Weight (g)	4.3	6.2	8.5	12.7	4.8	6.8	9.1	13.4	4.8	6.8	9.1	13.4	8.8	10.8	13.1	17.4
Material		U.V. Stabilized															

Ratchet Clamps, Repair Plugs, Micro Saddle and Accessories

FEATURES and BENEFITS

- The Micro Saddle provides secure, leak free attachment to LDPE tube. **(Patented)**
No tools required. Self Piercing for rapid installation.
The 4.5 mm Barbed Take-Off adaptor provides connection for micro tube.
- Ratchet Clamps for securing LDPE tube to barbed fittings.
- Repair Plugs for repairing holes in Low Density Polyethylene tubing.
- Universal Key Punch aids in the installation and removal of micro fittings and sprays.
- A 1/2" Male threaded adaptor with self-tapping micro connection for **"Fast"** Thread and 10-32 UNF threaded emitters.

APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens.



Ratchet Clamps, Repair Plugs and Accessories									
PACKAGING		Ratchet Clamps		Micro Saddle	Repair Plugs	1/2" Blank Nut with Washer	3/4" Blank Nut with Washer	Universal Key Punch	Self Tapping Micro Adaptor
		OD16 -18	OD19 - 21	OD16 -18 with 4.5 mm Barbed Take-Off Adaptor	4.5 mm Barb	1/2" Female Thread	3/4" Female Thread	Hole Punch to suit 4.5 mm Barb	4.0 mm I.D. x 1/2" Male Thread
Order Codes	Packs	101336	101356	104536	100802	204514	201694	101934	108634
	Bulk	010133	010135	010453	010080	020451	020169	010193	010863
Quantity per Bag	Packs	100	100	100	10	25	25	25	25
	Bulk	1000	1000	1000	500	500	1250	500	500
Bags per Carton	Packs	65	45	40	200	90	50	100	TBA
	Bulk	6	5	4	5	5	1	6	TBA
Weight per Carton (kg)	Packs	14.1	14.2	11.5	8.2	11.2	8.4	11.3	TBA
	Bulk	12.8	14.0	11.3	11.4	11.1	7.7	12.9	TBA
Dimensions (mm)	Height	32	36	43	49	20	19	57	31
	Width	30	35	30	28	27	33.6	28	25
	Depth	5.6	6.6	22	8.5	27	33.6	12	25
	Weight (g)	2.0	2.8	3.5	3.0	4.0	5.4	3.9	3.3
Material		U.V. Stabilized							

Double Barb Drip-Line Fittings

FEATURES and BENEFITS

- A complete range of Double Barbed Acetal fittings for Drip-Line.
- Sharp edged barbs maximise retention and provide a secure, leak free attachment to Drip-Line. They may be used without ratchet clamps.

APPLICATIONS

- Low pressure micro irrigation systems such as landscaped gardens, greenhouses and vegetable gardens.

Recommended operating pressure 0 to 3.0 bar (300 kPa)



Tee, 17 mm D-Barb



Elbow, 17 mm D-Barb
x
3/4" Male Thread



Tee, 17 mm D-Barb
x
3/4" Male Thread



Tee, 17 mm D-Barb
x
1/2" Male Thread



Elbow, 17 mm D-Barb



Cross, 17 mm D-Barb



Elbow, 17 mm D-Barb
x
1/2" Male Thread



End Plug
17 mm D-Barb



Joiner
17 mm D-Barb



3/4" Female Nut
x
17 mm D-Barb



Director, 17 mm D-Barb
x
1/2" Male Thread



Director, 17 mm D-Barb
x
3/4" Male Thread

Double Barb Drip-Line Fittings													
PACKAGING		Joiner	Directors		Elbow	Tee	Cross	Elbows		Tees		End Plug	Nut & Tail
		17 mm D-Barb	17 mm D-Barb x 1/2" Male Thread	17 mm D-Barb x 3/4" Male Thread	17 mm D-Barb	17 mm D-Barb	17 mm D-Barb	17 mm D-Barb x 1/2" Male Thread	17 mm D-Barb x 3/4" Male Thread	17 mm D-Barb x 1/2" Male Thread	17 mm D-Barb x 3/4" Male Thread	17 mm D-Barb	3/4" Female Nut x 17 mm D-Barb
Order Codes	Packs	104544	104554	104564	104574	104584	104814	104824	104834	104844	104854	104864	209394
	Bulk	010454	010455	010456	010457	010458	010481	010482	010483	010484	010485	010486	020939
Quantity per Bag	Packs	25	25	25	25	25	25	25	25	25	25	25	25
	Bulk	2300	1800	1300	2000	1300	800	1300	1000	1000	800	2500	800
Bags per Carton	Packs	85	65	45	72	45	28	50	40	40	30	96	32
	Bulk	1	1	1	1	1	1	1	1	1	1	1	1
Weight per Carton (kg)	Packs	12.4	13.9	13.1	12.1	10.1	8.3	10.5	11.1	11.6	10.8	9.6	8.7
	Bulk	12.0	14.3	14.2	12.2	10.9	8.9	10.2	10.6	11.1	11.1	8.5	12.1
Dimensions of Fittings (mm)	Height	53	48	48	42	67	67	45	48	67	67	31	49.0
	Width	17	25	31	42	42	67	43	43	43	43	17	33.6
	Depth	17	22	27	17	17	17	22	28	22	28	17	33.6
	Weight (g)	4.8	7.4	10.2	5.6	7.6	9.9	7.3	9.3	9.0	11.0	3.0	8.65
Material		U.V. Stabilized											

Tape Adaptors & Accessories

FITTINGS

D-Barb, PE & PVC Pipe, Lay-Flat & Tape Connections



13 mm D-Barb
x
Ø16 Tape Connector

Flex Connect™ with Lay-Flat
Adaptor x Ø16
Tape Connector



Take-Off with Gasket x Ø16
Tape Connector, For PE Pipe

Ø16 Tape Connector

Adaptors Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Adaptors				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	
	13 mm D-Barb Ø16 Tape Connector	207025	50	16	8.0	26	27	72.7	8.6	U.V. Stabilized
	13 mm D-Barb Ø22 Tape Connector	207085	50	10	9.3	45	33	76	16.4	
	17 mm D-Barb Ø22 Tape Connector	207095	50	10	9.5	45	33	76	16.8	
	Take-Off, For 15 mm Hole Gasket Ø16 Tape Connector (Includes Gasket)	207035	50	12	7.1	37	27	59.2	8.2	
	Take-Off, For 16 mm Hole Gasket Ø16 Tape Connector (Includes Gasket)	207045	50	12	7.4	37	27	64.1	8.6	
	Take-Off with Gasket Ø16 Tape Connector, For PE Pipe	207055	50	16	9.2	37	27	63.2	10.1	
	Take-Off with Gasket Ø22 Tape Connector, For PE Pipe	207105	50	12	15.0	45	33	65.2	23.5	
	Ø16 Tape Connector	207075	50	10	7.6	27	27	81.0	13.1	
	Ø22 Tape Connector	207115	50	7	10.0	33	33	85	25.7	
	Flex Connect™ with Lay-Flat Adaptor Ø16 Tape Connector	207065	50	10	12.7	53	35	65.2	23.4	
	Flex Connect™ with Lay-Flat Adaptor Ø22 Tape Connector	207125	50	7	10.5	53	35	65.2	23.4	
	Flex Connect™ without Lay-Flat Adaptor Ø16 Tape Connector	202925	50	10	8.1	36	29	65.2	14.2	
	Flex Connect™ without Lay-Flat Adaptor Ø22 Tape Connector	203045	50	8	8.2	45	33	65.2	18.1	
	End Plug Ø16 Tape Connector	210695	50	16	8.4	36	27	68.7	9.1	
	End Plug Ø22 Tape Connector	210705	50	10	8.9	45	33	70.5	15.7	
	1/2" NPT/M Ø16 Tape Connector	210715	50	16	9.3	36	27	65.2	10.2	
	1/2" NPT/M Ø22 Tape Connector	210725	50	10	9.4	45	33	67	16.7	
	3/4" BSP/M Ø16 Tape Connector	212725	50	15	8.4	36	27	66	9.7	
	3/4" BSP/M Ø22 Tape Connector	212745	50	10	8.5	45	33	68	14.8	
	250 Series Barb Ø16 Tape Connector	212505	50	18	7.5	36	27	64	7.9	

FEATURES and BENEFITS

- The Lay-Flat Hexagon installation tool with a wrench attachment in the head of the handle for screwing and tightening of the Lay-Flat Lock Nut.
- The Lock Nut secures the eye connection to the Lay-Flat Hose and creates a leak free connection.
- The eye connection fitting has a Sealing Cap available to minimize soil intrusion when storing.

Accessories for Lay-Flat Hose, Valves, Adaptors & Sprinkler Assemblies



Installation Key
For Lay-Flat Branches



Lay-Flat Adaptor, Eye
Connection with Lay-Flat
Lock Nut



Lay-Flat
Flex Connect™
Sealing Cap



Lay-Flat Hose Punch



Counter Weight

Accessories		PACKAGING								Material
		Packs				Dimensions of Accessories				
						Height	Width	Length	Weight	
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	mm			g	
	400 Series Barb Ø16 Tape Connector	211125	50	16	8.3	36	27	65.2	8.9	
	400 Series Barb Ø22 Tape Connector	211135	50	10	9.1	45	33	67	16.0	
	13 mm D-Barb x Take-Off for 16 mm Hole Gasket (Includes Gasket)	207145	50	20	6.5	20	20	53	5.2	
	Top Hat Gasket Hole 15	105445	50	80	9.7	20	20	17	1.8	
	Top Hat Gasket Hole 16	105055	50	80	9.7	23	23	18	1.9	
	Double Flange Gasket Hole 16	105425	50	80	10.1	24	24	12.7	2.0	
	Lay-Flat Adaptor, Eye Connection with Lay-Flat Lock Nut	205515	50	50	20.6	28	28	23	8.5	
	Lay-Flat Flex Connect™ Sealing Cap	107785	50	75	17.9	28	28	8	2.8	
	Installation Key for Lay-Flat Branches	105432	10	30	14.9	62	20	142	45.0	
	Lay-Flat Hose Punch	207138	1	40	8.5	155	37	160	190.4	

Accessories & Adaptors		PACKAGING												Material	
		Order Code		Quantity per Bag		Bags per Carton		Weight per Carton (kg)		Dimensions of Accessories					
		Packs	Bulk	Packs	Bulk	Packs	Bulk	Packs	Bulk	Length	Width	Depth	Weight		
										mm			g		
	Counter Weight	106624	010662	25	250	10	1	10.7	10.6	95	29	29	38.5	U.V. Stabilized	
	Adaptor, 4.5 mm Barb x 4.5 mm Barb / 10-32 UNF Thread	106616	010661	100	1000	200	22	16.9	15.2	32.5	16	16	5.7		
Micro Tube Flexible PVC		Colour	Order Codes	Coils per Carton		Coil Dimensions									
		Bulk	Bulk	Bulk		Dia.	Height	Weight							
						mm									kg
	20 meters	White	010737	15		175	80	0.70							
	20 meters	Black	010056												
	30 meters	Black	010057	10		200	90	1.02							
	300 meters	Black	010131			355	225	10.5							

Elbows, Tees & Adaptors

FITTINGS

Lay-Flat, Tape & Drip-Line Connections



Flex Connect™
with Lay-Flat Adaptor
Ø16 Tape Connector



1/2" NPT/M
Ø16 Tape Connector



End-Line, Low Pressure Valve
Ø16 Tape Connector



Flex Connect™
without Lay-Flat Adaptor
Ø16 Tape Connector



Tee
550 Series Qwik Loc

Elbows, Tees & Adaptors Connection Type		PACKAGING								Material
		Packs				Dimensions of Assembled Adaptors				
		Order Code	Quantity per Bag	Bags per Carton	Weight per Carton (kg)	Height	Width	Length	Weight	
						mm			g	
	1/2" NPT/M Ø16 Tape Connector	211465	50	TBA	TBA	47	27	62	10.3	U.V. Stabilized
	1/2" NPT/M Ø22 Tape Connector	211485	50	TBA	TBA	50	33	65	14.0	
	1/2" NPT/M Ø16 Tape Connector	211495	50	TBA	TBA	47	27	102	16.7	
	1/2" NPT/M Ø22 Tape Connector	211515	50	TBA	TBA	50	33	108	24.1	
	Flex Connect™ without Lay-Flat Adaptor Ø16 Tape Connector	211525	50	TBA	TBA	51	27	65	16.5	
	Flex Connect™ without Lay-Flat Adaptor Ø22 Tape Connector	211545	50	TBA	TBA	54	33	68	21.5	
	Flex Connect™ without Lay-Flat Adaptor Ø16 Tape Connector	211555	50	TBA	TBA	51	27	102	27.3	
	Flex Connect™ without Lay-Flat Adaptor Ø22 Tape Connector	211575	50	TBA	TBA	54	33	108	34.6	
	Flex Connect™ with Lay-Flat Adaptor Ø16 Tape Connector	211585	50	TBA	TBA	51	27	65	25.8	
	Flex Connect™ with Lay-Flat Adaptor Ø22 Tape Connector	211605	50	TBA	TBA	54	33	68	30.8	
	Flex Connect™ with Lay-Flat Adaptor Ø16 Tape Connector	211615	50	TBA	TBA	51	27	102	33.9	
	Flex Connect™ with Lay-Flat Adaptor Ø22 Tape Connector	211635	50	TBA	TBA	54	33	108	43.9	
Automatic Low Pressure Flush Valves										
	End-Line, Low Pressure Flush Valve Ø16 Tape Connector	212415	50	TBA	TBA	36	34	94	17.0	U.V. Stabilized
	End-Line, Low Pressure Flush Valve Ø22 Tape Connector	212435	50	TBA	TBA	45	35	96	23.9	
	Low Pressure Flush Valve 3/4" Female Nut	207415	50	TBA	TBA	34	34	36	9.40	
Take-Off Hose Couplings, Elbow & Tee (For Dripper-Line)										
	Coupling 550 Series Qwik Loc	212555	50	TBA	TBA	32	27	90	17.6	U.V. Stabilized
	Coupling 700 Series Qwik Loc	212575	50	TBA	TBA	36	30	91	19.3	
	Coupling 800 Series Qwik Loc	212585	50	TBA	TBA	38	33	93	21.4	
	Elbow 550 Series Qwik Loc	212535	50	TBA	TBA	68	27	68	18.7	
	Tee 550 Series Qwik Loc	212545	50	TBA	TBA	68	27	110	27.4	

Patio Kit & Vegetable Kit

FEATURES and BENEFITS

- Teco drip watering kits have been designed to give the user the maximum flexibility when installing the system. The system can be easily installed by following the simple instructions displayed on the kit.
- Expandable. Drippers may be added or removed from the system as your watering needs change.
- The watering system saves up to 70% of water and minimizes weed growth.
- The kits contain proven quality engineered products used each day in drip watering systems.
- Easy assembly in 6 steps.
- Adjustable drippers from 0 - 6 l/h
- Drippers may be turned off.
- Drippers may be easily opened for cleaning.
- The system may be used with automatic timers.

APPLICATIONS

- Patios, green houses and vegetable gardens.



PATIO KIT CONTENTS

- 1 x Pressure Reducer, 1.5 bar, 3/4" Female Nut x 3/4" Male Thread
- 12 x Delta Drip Spike, Adjustable 0 - 6 l/h, End-Line, 4.5 mm Barb
- 10 x Goof Plug
- 14 x Tee, 4.5 mm Barb
- 1 x 3/4" Female Nut x 4.5 mm Tail
- 2 x Elbow, 4.5 mm Barb
- 20 m x Micro Tubing (4 mm I.D. x 7 mm O.D.)



VEGETABLE KIT CONTENTS

- 1 x Pressure Reducer, 1.5 bar, 3/4" Female Nut x 3/4" Male Thread
- 20 x Delta Drip Spike, Adjustable 0 - 6 l/h, In-Line, 4.5 mm Barb
- 10 x Goof Plug
- 6 x Tee, 4.5 mm Barb
- 1 x 3/4" Female Nut x 4.5 mm Tail
- 2 x Elbow, 4.5 mm Barb
- 20 m x Micro Tubing (4 mm I.D. x 7 mm O.D.)

Drip Kits			
PACKAGING		Patio Kit	Vegetable Kit
			
Order Codes	Bulk	020425	020426
Kits per Carton		10	
Weight per Carton (kg)		11.0	11.4
Dimensions of Kits (mm)	Height	185	
	Width	285	
	Depth	70	
	Weight (g)	1005.4	1039.6





400A Series Battery Operated Controllers

400A Series Battery Operated Controllers (Waterproof)

Designed for residential and commercial applications or where AC power is unavailable, the rugged 400A series Single Station Battery Operated Controllers are available with a two wire DC latching solenoid and three adapters to fit most valves, or completely assembled on a 3/4" to 1" globe valve. Outfitted with the latest and most efficient electronic management technology, the 400A series controllers can operate for up to three years on two AA alkaline batteries.

Completely waterproof and able to operate in harsh environments, the 400A series controllers offer a simple and dependable solution for any irrigation system above or below ground.

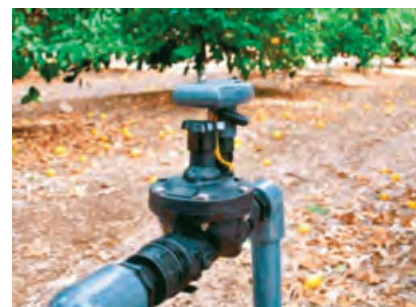


LEIT 1™ In-Line Valve

LEIT 1™ In-Line Valve (Solar Powered)

DIG's LEIT 1™ ILV-075 to ILV-200 single-station ambient light (solar) powered controller with a two wire DC latching solenoid is available on a 3/4" to 1" globe valve mounting.

Powered by a photovoltaic module with a patented microelectronic energy management system, the LEIT 1™ requires no batteries, AC power, or direct sunlight to operate, and can be installed above grade in any location where there is ambient light.



710AP-000 Series Propagation Controller

710AP-000 Series Battery Operated Propagation Controllers

The 710AP-000 series single station controller is a versatile battery operated controller equipped with a two wire DC latching solenoid and designed with propagation, misting and irrigation cycles to provide advanced programming capabilities for all types of commercial, greenhouse and nursery applications. Fully waterproof and powered by two AA alkaline batteries that can last for up to three years, the 710AP-000 features logical, revolving menus for simplified programming and review.

The controller features a propagation mode including cyclical frequencies from 1 minute to 59 minutes or from 1 to 12 hours, and durations in seconds for loop watering with selectable start and stop times.

The controller comes with a solenoid and includes adapters for DIG, Rain Bird, Hunter and Toro valves



Controllers							
PACKAGING		Battery Operated Controller with LCD display and 3 adaptors for RB, Toro and Hunter	Battery Operated Controller 3/4" BSP In-Line Valve with Flow Control	Battery Operated Controller 1" BSP In-Line Valve with Flow Control	Solar Powered Controller with 3/4" BSP In-Line Valve	Solar Powered Controller with 1" BSP In-Line Valve with Flow Control	Battery Operated Propagation Controller with LCD display and adaptors for DIG, RB, Toro and Hunter
		400A-000	400A-075 BSP	400A-0100 BSP	LEIT 1LV-075 BSP	LEIT 1LV-0100 BSP	710AP-000
Order Codes	Bulk	020531	020811	020812	020813	020814	020893
Controllers per Carton		10	10	10	10	10	10
Weight per Carton (kg)		8.3	7.6	7.9	7.0	7.5	6.3
Carton Dimensions (mm)	Height	525			550		525
	Width	255			300		255
	Depth	295			315		295
Product	Weight (g)	558.6	725.2	745.8	689.3	693.6	626.0



EVO 100I

EVO 100 (Waterproof solar powered digital hose end timer tap timer)

The EVO 100 is a Solar powered Hose End Tap Timer with a 3/4" female thread inlet and male thread outlet. Power is derived via a patented, time-tested, internal photovoltaic module and microelectronic energy management system that is fueled by the surrounding ambient light (solar). After being charged, this efficient energy system provides enough power for the timer to function at any time, night or day, and in any weather with no direct sunlight required. This energy system also makes the EVO 100 environmentally friendly, functioning only on clean, renewable solar power without the need for a backup battery or AC power.

The EVO 100 features a large, easy-to-read LCD screen and simple, icon-based programming with weekly or cyclical programs, four start times per day, durations of up to six hours, program delay of up to 99 days, system off, manual operation, and a sensor wire connection to accept a rain sensor.



B09D Digital Hose End Timer

B09D Digital Hose End Timer

DIG's B09D 3/4" Digital Hose End Timer, one in our newest range of hose end timers, offers simplified programming and improved monitoring of battery power with less current, resulting in longer battery life with reliable operation. With higher flow rates at lower inlet pressures and a range of programming features, the B09B delivers a reliable and cost effective solution for residential use.

The B09D Digital Hose End Timer has four start times per day with durations from 1 minute to 12 hours 59 minutes in an operating flow range of 2 to 24 liters per minute, allowing use in a wide range of applications including drip irrigation or micro sprinkler systems connected to a garden hose or faucet / spigot. This new hose end timer uses one 9-volt alkaline battery that can last for over a year.



Controllers				
PACKAGING		Waterproof Solar Powered Tap Timer	Digital Hose End Timer	
		EVO 100I	B09D	
Order Codes	Bulk	020322	020824	
Controllers per Carton		4	4	
Weight per Carton (kg)		2.5	1.8	
Carton Dimensions (mm)	Height	380	415	
	Width	215	240	
	Depth	215	205	
Product	Weight (g)	453	350	



BOHE-BT I Bluetooth® Hose End Timer

BOHE-BT I Bluetooth® Hose End Timer

DIG's BOHE-BT I Hose End Timer features Bluetooth Low Energy wireless technology combined in a full function, waterproof timer with flexibility and architecture to provide a long-lasting, reliable, and feature-packed irrigation timer controlled via your smartphone.

Download DIG's free DIG BTT app to control any number of DIG Bluetooth hose end timers and controllers through supported Android or iPhone smart devices from up to 50 feet (15 meters), line of sight.

DIG's single button Hose End Timer with Bluetooth Low Energy wireless technology rugged design is ideal for use in residential home garden applications or where AC power is unavailable. It features a waterproof design (IP 64) and can operate for up to one year on two AA alkaline batteries.



410BT Series Bluetooth® Battery Operated Controller

410BT Series Bluetooth® Battery Operated Controller

DIG's 410BT Series Battery Operated Controller features Bluetooth® wireless technology combined with a full-function irrigation controller to provide long-lasting, reliable and feature-packed irrigation control via your smartphone or tablet.

Download the free DIG BTT app to control any number of 410BT controllers through supported Android or iPhone smart devices from up to 50' (15 meters), line of sight.

The 410BT controller's rugged design is ideal for use in residential and commercial applications or where AC power is unavailable. It features a waterproof design (IP 68) and can operate for up to one year on two AA alkaline batteries.

The controller includes a single button for manual operation and 3/4" through 2" professional grade in-line valves with flow control.



Battery Powered Bluetooth Controllers					
PACKAGING		Bluetooth® Hose End Timer	410BT Series Bluetooth® Battery Operated Controllers		
		BOHE-BT I	410BT-000 with 3 adaptors for RB, Toro and Hunter	410BT-075BSP with 3/4" In-Line Valve	410BT-100BSP with 1" In-Line Valve
Order Codes	Bulk	021005	021006	021007	021008
Controllers per Carton		5	10	10	10
Weight per Carton (kg)		1.37	5.21	7.34	7.04
Carton Dimensions (mm)	Height	180	290	290	290
	Width	230	510	510	510
	Depth	155	255	255	255
Product	Weight (g)	240	471	682	660

6 mm Dripline



Micro-line™

MICRO-LINE™

The compact size makes the Micro-line™ dripline ideal for a wide range of applications. For commercial and residential uses, the Micro-line™ dripline is installed above ground and can be covered with mulch. The Micro-line™ dripline drip emitter is built with a large filter along the cross section of the drip emitter to ensure that moving particles on the bottom of the drip line do not enter the labyrinth water path, ensuring trouble free operation and long life.

FEATURES and BENEFITS

- Used above ground or under mulch for a variety of applications such as containers and narrow plantings
- Large labyrinth water passage and turbulent flow help reduce clogging
- Inlet filter helps prevent particles from entering the drip emitter labyrinth path
- Resistant to chemicals and fertilizers commonly used in landscape applications
- Use with 1/4" (6 mm) barbed fittings
- Flexible tubing for easy installation
- Two outlets per drip emitter ensure less chance of clogging
- Available in two colours (**Brown** and **Black**)

SPECIFICATIONS

- Flow rates: 2 lph at 1 Bar
- Dripper color code: blue
- Operating pressure: 0.7-1.7 Bar
- Dripline color code: **Black** or **Brown**
- Materials: Dow FINGERPRINT™ DFDA-7510 NT linear low-density polyethylene resin
- Size: 6 mm (4.445 mm ID x 6.35 mm OD)
- Spacing: 15 cm and 30 cm
- Available in 30 m and 300 m Coils
- Minimum bending radius: 0.3 m
- Filter requirement: minimum of 150 mesh

PERFORMANCE DATA			
DRIPPERLINE		PRESSURE (bar)	FLOW (l/h)
	Micro-Line™	0.7	1.6
		1.5	2.0
		1.4	2.2
		1.7	2.5
	Recommended operating pressure 1.5 bar		

PERFORMANCE DATA			Flow Rate per 15 m at 1.0 bar (2 lph Dripper)		Maximum Single Lateral Length		
DRIPLINE		DRIPPER SPACING (cm)	FLOW (l/m)	FLOW (l/h)	1.0 bar (m)	1.4 bar (m)	1.7 bar (m)
	Micro-Line™	15	3.28	196.8	5.5	7.3	10.0
		30	2.19	98.4	9.8	12.5	14.9



Micro-Line™ 6 mm Dripline											
PACKAGING		Micro-Line™ 15 cm Spacing x 15 m Coil	Micro-Line™ 15 cm Spacing x 30 m Coil	Micro-Line™ 15 cm Spacing x 300 m Coil	Micro-Line™ 30 cm Spacing x 30 m Coil	Micro-Line™ 30 cm Spacing x 300 m Coil	Micro-Line™ 15 cm Spacing x 15 m Coil	Micro-Line™ 15 cm Spacing x 30 m Coil	Micro-Line™ 15 cm Spacing x 300 m Coil	Micro-Line™ 30 cm Spacing x 30 m Coil	Micro-Line™ 30 cm Spacing x 300 m Coil
		ML-056B	ML-106B	ML-1006B	ML-112B	ML-1012B	ML-056	ML-106	ML-1006	ML-112	ML-1012
		BROWN					BLACK				
Order Codes	Bulk	020887	020201	020202	020203	020204	020886	020806	020807	020808	020809
Coils per Carton		20	10	1	10	1	20	10	1	10	1
Weight per Carton (kg)		6.49	6.3	6.6	5.7	6.2	6.49	6.3	6.6	5.7	6.2
Carton Dimensions (mm)	Height	315	480	460	480	460	315	480	460	480	460
	Width	560	330	440	330	440	560	330	440	330	440
	Depth	295	277	170	277	170	295	277	170	277	170
Product	Weight (g)	524	600	5978	532	5604	524	600	5978	532	5604



Modular Vertical Garden Kit

GLW08 Living Wall™ modular Vertical Garden kit with 8 Pots

DIG's Living Wall™ Modular Vertical Garden kit is designed with expandable wall mounting brackets from which up to four large and four small pots can be hung vertically. The kit also includes an integrated professional watering system to deliver controlled amounts of water into each individual pot, using pressure compensating drippers with check valves.

DIG's Living Wall™ Modular Vertical Garden Kit supports an open area between the pots and the wall, providing protection from moisture and preventing discoloration of the exposed wall.

Features

Convenient modular wall mounting brackets that allow the pots to be hung and removed from the wall very easily.

The wall mounting modular brackets can be easily secured to each other with a simple self-lock position for quick and easy installation and kit expansion.

The durable modular wall mounting brackets can be connected in a wide range of patterns with vertical or horizontal panels or any pattern desired.

The kits pots can easily be mounted, removed and re-mounted again for very convenient system installation



Living Wall™ Kit		
PACKAGING		GLW08
		Large Vertical Garden Kit with 8 Pots
Order Codes	Bulk	020931
Kits per Carton		1
Weight per Carton (kg)		2.5
Carton Dimensions (mm)	Height	390
	Width	275
	Depth	205
Product	Weight (g)	3162

For all Product technical information please visit the DIG website: www.digcorp.com



Living Wall™

Micro Irrigation Installation Guide

Some helpful hints and advise when installing an irrigation system

TIPS:

- Contract a professional irrigation designer to design and install your system. Ensure the system suits your plants and soil type
- Install micro irrigation emitters that suit your individual plants watering needs.
- Install a irrigation controller with a range of programming features that include seasonal adjustment and a rain sensor.
- Irrigate to encourage deep roots and mulch around your plants to conserve moisture in the soil. Do not over-irrigate.
- Monitor your water use and if need be contact an expert for advice.
- Drain your system at the end of the irrigation season, check and clean your system and components at the beginning of the season to ensure all is working and functioning correctly.
- Install an inline filter at the start of your irrigation system to protect the emitters, valves and other components.
- Install a pressure reducer (2 bar) on a mains water supply to protect your system from pipe blowouts.

Teco Srl

Conditions of Sale Limited Warranty

Teco Srl warrants to its trade customers that Teco Srl products will be free from original defects in workmanship and material for a period of one year from date of delivery.

Within the warranty period of one year and upon notice and delivery of defective products to Teco Srl, Teco Srl agrees to replace or repair only product determined by Teco Srl to be defective in material and workmanship. In no event shall Teco Srl be liable for payment of any expenses or charges other than the cost of performing its obligation to replace or repair at Teco Srl's sole discretion in accordance with this basic commercial warranty.

Unauthorized repairs, misuse, neglect, modification, accident, improper installation or subjection to line pressure in excess of 300 kPa shall void this warranty. In the case of purchase of the product for use other than, for irrigation purposes, Teco Srl hereby disclaims any implied warranties including any warranties of merchantability and fitness for a particular purpose.

The warranty is exclusively limited to Teco Srl products only.

This warranty applies only to Teco Srl products and explicitly does not apply to any product used in conjunction with Teco Srl products.

Teco Srl shall in no event be liable for incidental or consequential damages of any nature. Teco Srl's sole obligation shall be limited to the replacement or repair of defective parts at Teco Srl's sole discretion pursuant to this warranty.

This warranty shall extend only to the original purchaser of the product. Teco Srl makes no other warranties expressed or inferred. No agent, representative, distributor, or anyone else has the authority to waive, modify, or add to the printed provisions of this warranty, to make any representation or warranty not contained herein, or to extend this warranty to anyone other than the original user.

In order to obtain performance under this warranty, the defective product must be returned to the factory along with proof of purchase, shipping prepaid, addressed as follows:

Teco Srl
Trav. Sp 130, Trani-Andria, km 1,800
76125 Trani (BT)
ITALY

Teco Srl reserves the right to redesign its products, resulting in changes to specification and performance at any time without notice and without liability to any person.



Quality from day ONE

Teco Srl
Professional Micro Irrigation Products
Metric Catalogue
2023

Marketing, Sales, Research & Development
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