



Teco Irrigation USA, Inc
Professional Micro Irrigation Products Catalog
Landscape & Agriculture
2020

Teco



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Adjustable 8 Stream Drippers


FEATURES and BENEFITS

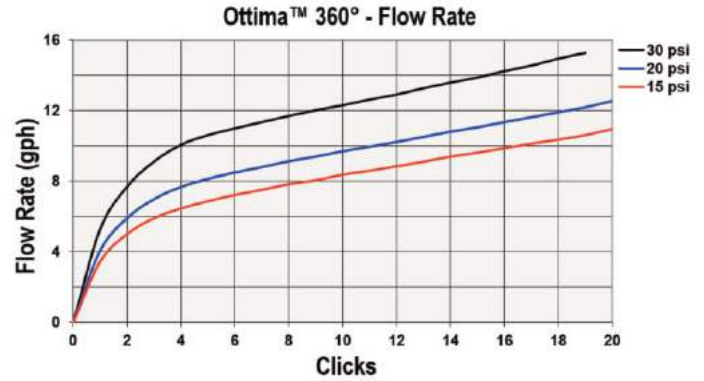
- Rotation of the Ottima™ 360° cap allows simultaneous adjustment of flow rate and diameter of throw.
- Easy to increase or decrease the stream pattern.
- Gives a greater control of flow rate and diameter of throw compared to fixed flow emitters.
- Quick ON-OFF action.
- Four base options available, 0.18" Barb, 10-32 UNF Male Thread, 1/2" FPT 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	FLOW	DIAMETER OF THROW
		(psi)	(gph)	(ft)
	Adjustable to Maximum (approx) 20 Clicks	15	0 - 11	0 - 1.5
		20	0 - 12.5	0 - 1.9
30		0 - 15.7	0 - 2.7	
Tested 8" above Ground Level				
Recommended operating pressure 15 psi				








Ottima™ 360°
1/2" FPT



Ottima™ 360°
0.18" Barb



Ottima™ 360°
10-32 UNF Thread

Ottima™ 360°						
PACKAGING						
		BARB	THREAD	SPIKE	IN-LINE SPIKE	1/2" FPT
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 (lbs)	Packs	27.1	31.3	15.2	15.2	20.7
	Bulk	28.4	32.8	14.8	14.8	19.8
Base Inlet Connection		0.18" Barb	10-32 UNF Thread	0.18" Barb	0.18" Barb	1/2" FPT
Dimensions	Height	0.95"	0.95"	6"	6"	1.2"
	Width	0.78"	0.78"	1.65"	1.5"	1.1"
Assembled	Depth	0.63"	0.63"	0.63"	0.63"	1.1"
	Weight	0.06 oz	0.07 oz	0.2 oz	0.2 oz	0.16 oz
Material		U.V. Stabilized				



Ottima 360°
Spike



Ottima 360°
In-Line Spike

Adjustable 5 Stream Drippers

FEATURES and BENEFITS

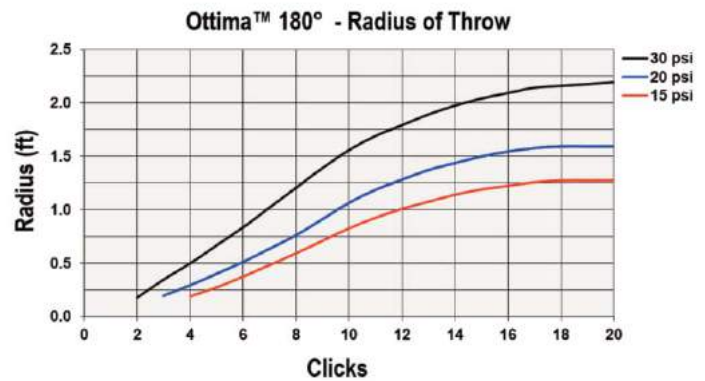
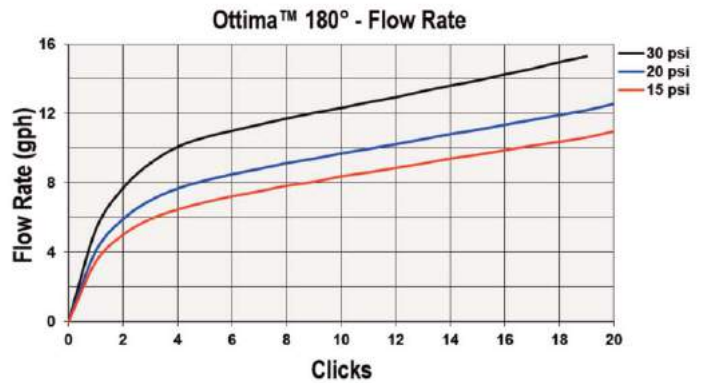
- Rotation of the Ottima™ 180° cap allows simultaneous adjustment of flow rate and diameter of throw.
- Easy to increase or decrease the stream pattern.
- Gives a greater control of flow rate and diameter of throw compared to fixed flow emitters.
- Quick ON-OFF action.
- Four base options available, 0.18" Barb, 10-32 UNF Male Thread, 1/2" FPT 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 (psi)	FLOW (gph)	RADIUS OF THROW (ft)
	Adjustable to Maximum (approx) 20 Clicks	15	0 - 11	0 - 1.3
		20	0 - 12.5	0 - 1.6
		30	0 - 15.7	0 - 2.2
Tested 8" above Ground Level				
Recommended operating pressure 15 psi				



Ottima™ 180°						
PACKAGING						
		BARB	THREAD	SPIKE	IN-LINE SPIKE	1/2" FPT
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 (lbs)	Packs	27.1	31.3	15.2	15.2	20.7
	Bulk	28.4	32.8	14.8	14.8	19.8
Base Inlet Connection		0.18" Barb	10-32 UNF Thread	0.18" Barb	0.18" Barb	1/2" FPT
Dimensions of Ottima™ 180° Assembled	Height	0.95"	0.95"	6"	6"	1.2"
	Width	0.78"	0.78"	1.65"	1.5"	1.1"
	Depth	0.63"	0.63"	0.63"	0.63"	1.1"
	Weight	0.06 oz	0.07 oz	0.2 oz	0.2 oz	0.16 oz
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, 6 gph (Black) 8 gph (Orange) and 10 gph (Blue).
- The In-Line Ottima™ Spike PC 180° is available with two discharge rates, 6 gph (Black) and 8 gph (Orange)
- The End-Line Ottima™ Spike PC 360° is available with two discharge rates, 8 gph (Orange) and 10 gph (Blue).
- The In-Line Ottima™ Spike PC 360° is available with one discharge rate, 8 gph (Orange)





APPLICATIONS

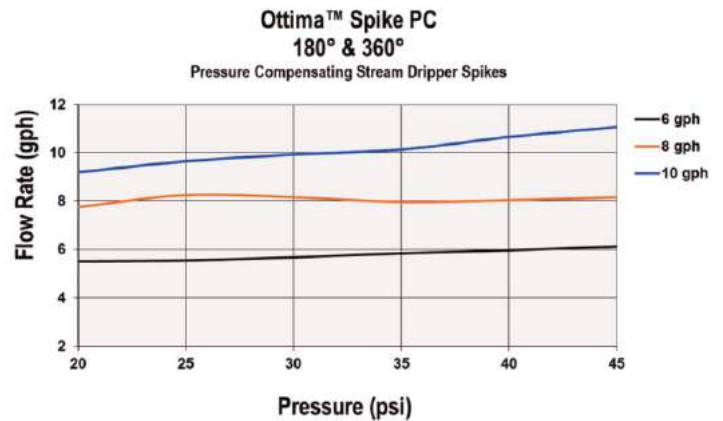
- Use for watering plants in small or large pots, garden beds and landscaped areas.









FILTRATION REQUIREMENTS

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

PERFORMANCE DATA				CAP PATTERNS		
						
				180° x 5 Stream	360° x 8 Stream	
DRIPPERS	COLOR AND PRE-DEFINED FLOW RATE	PRESSURE (psi)	FLOW (gph)	RADIUS OF THROW (ft)	DIAMETER OF THROW (ft)	
	Black	6 gph	20	5.7	0.6	
			25	5.8	0.6	
			30	5.9	0.7	
			35	6.0	0.7	
			40	6.1	0.7	
	Orange	8 gph	20	8.2	1.2	0.8
			25	8.2	1.3	0.8
			30	8.2	1.3	0.9
			35	8.3	1.3	0.9
			40	8.3	1.3	0.9
	Blue	10 gph	20	9.6	1.6	1.1
			25	10.0	1.6	1.1
			30	10.3	1.6	1.2
			35	10.6	1.6	1.2
			40	10.9	1.6	1.2
			45	11.2	1.6	1.2

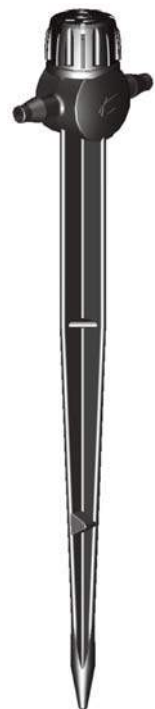
Recommended Operating Pressure 20 psi to 45 psi - Tested 8" aboveGround Level



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									
Color and Flow Rate		8 gph	10 gph	8 gph	6 gph	8 gph	10 gph	6 gph	8 gph
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 (lbs)	Packs	17.6							
	Bulk	17.4							
Base Inlet Connection		0.18" Barb							
Dimensions	Height	6"							
	Width	1"		1.5"		1"		1.5"	
Assembled	Depth	0.7"							
	Weight	0.24 oz							
Material		U.V. Stabilized							



Ottima™ Spike PC 360°, 8 gph End-Line



Ottima™ Spike PC 180°, 6 gph 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°, 0.18" Barb, 10-32 UNF Male Thread, 1/2" FPT Thread and 6" 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, color coded (**Red**).

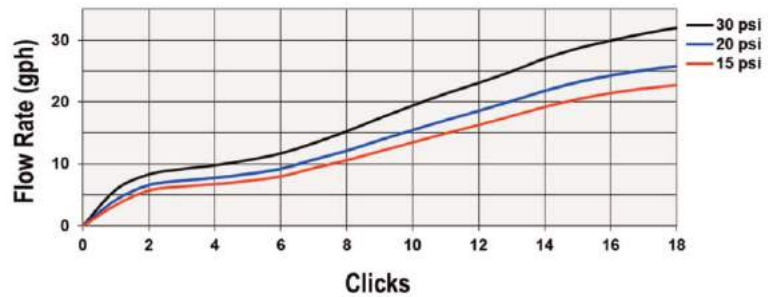


APPLICATIONS

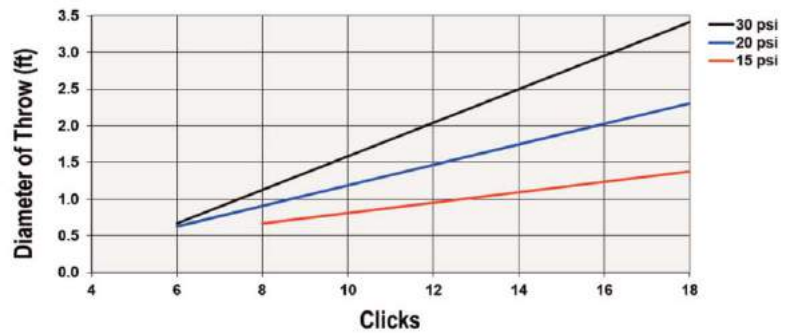
- Use for watering plants in small or large pots, garden beds, street trees and palms.

PERFORMANCE DATA					
DRIPPERS	●	PRESSURE	FLOW	DIAMETER OF THROW	
		(psi)	(gph)	(ft)	
	Adjustable to Maximum (approx) 18 Clicks	15	0 - 22.7	0 - 1.6	
		20	0 - 25.8	0 - 2.6	
		30	0 - 32.0	0 - 3.3	
	Recommended operating pressure 15 psi				
	Mini Bubbla 360° PC Spike 20 gph	20	16.8	1.0	
		25	18.2	1.0	
		30	19.4	1.0	
		35	20.1	1.1	
40		20.4	1.2		
Recommended operating pressure 20 to 45 psi					
Tested 8" above Ground Level					

Adjustable Mini Bubbla 360° - Flow Rate



Adjustable Mini Bubbla 360° - Diameter of Throw



Mini Bubbla 180°
0.18" Barb







Mini Bubbla 360°
1/2" FPT Thread



Mini Bubbla 360°
10-32 UNF Thread

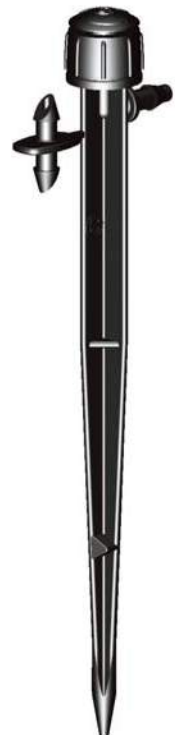
FILTRATION REQUIREMENTS

- **Red** Spike: 200 microns (80 mesh)

		Mini Bubbla 360°				
		ADJUSTABLE MINI BUBBLA 360°				20 gph PC
PACKAGING						
		BARB	THREAD	SPIKE	1/2" FPT	SPIKE
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 (lbs)	Packs	25.7	31.3	16.3	17.6	18.3
	Bulk	26.8	32.8	15.9	17.0	17.9
Base Inlet Connection		0.18" Barb	10-32 UNF Thread	0.18" Barb	1/2" FPT	0.18" Barb
Dimensions of Mini Bubbla Assembled	Height	1"	1"	6"	1.2"	6.1"
	Width	0.8"	0.8"	1.7"	1.1"	1.7"
	Depth	0.6"	0.6"	0.6"	1.1"	0.6"
	Weight	0.06 oz	0.07 oz	0.22 oz	0.13 oz	0.30 oz
Material		U.V. Stabilized				



Mini Bubbla 360°
PC Spike



Mini Bubbla 360°
Spike

Delta™ Drip

Adjustable Drip Emmitter (Registered Design)


FEATURES and BENEFITS

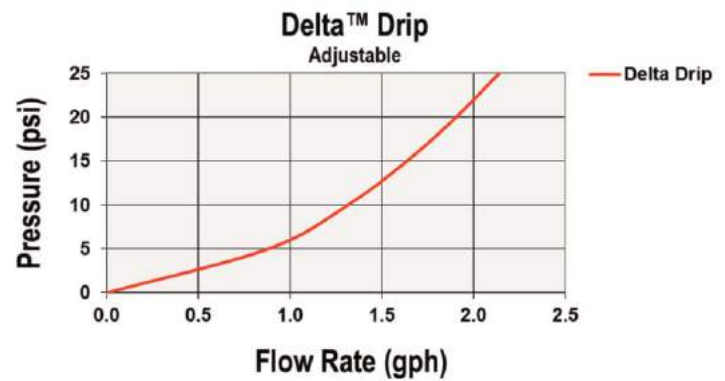
- Rotation of the key in the body adjusts the flow rate from 0 to 2 gph at 20 psi. Flow rate may be increased or decreased until final shut off.
- Turbulent flow path.
- Two key types available:
 1. End-Line Adjustable 0-2 gph key. **(Black)**
 2. In-Line Adjustable 0-2 gph key. **(Brown)**
- Two body types to choose from depending on application:
 1. Standard body with 0.18" inlet barb.
 2. Spike with 0.18" 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 (psi)	FLOW (gph)
	Adjustable to 2 gph at 20 psi	10	0 - 1.3
		15	0 - 1.6
		20	0 - 1.9
		25	0 - 2.1
Recommended operating pressure 20 psi			



- #### 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 (lbs)	Packs	29.5	15.4	29.7	15.5
	Bulk	28.9	15.0	29.2	15.1
Base Inlet Connection		0.18" Barb	0.18" Barb	0.18" Barb	0.18" Barb
Dimensions	Height	3/4"	5"	3/4"	5"
	Width	2"	2"	2.5"	2.5"
Assembled	Depth	3/8"	3/8"	3/8"	3/8"
	Weight	0.06 oz	0.16 oz	0.07 oz	0.17 oz
Material		U.V. Stabilized			



Pressure Compensating Drip Emitters


FEATURES and BENEFITS

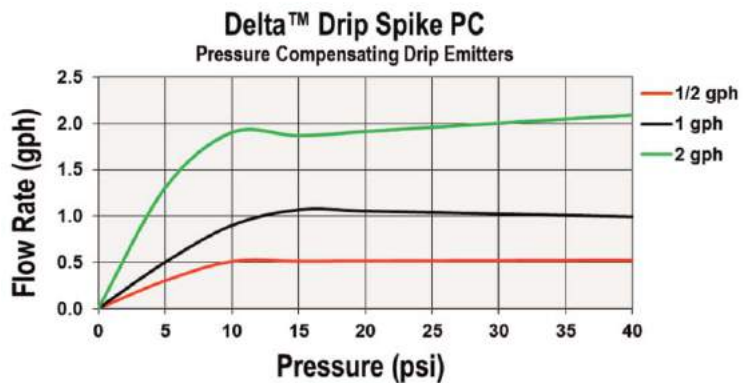
- Turbulent flow path pressure compensating drip emitters with pre-defined flow rates.
- Suit installations where slopes and changes of water pressure would otherwise require complex design systems and where uniform flow rates are required.
- Two Spike versions available.
 1. End-Line with 0.18" Inlet Barb
 2. In-Line with 0.18" Inlet & Outlet Barb
- Three flow rates available for each spike type, Color Coded for easy identification:
 - 0.5 gph (**Red**), 1.0 gph (**Black**) and 2 gph (**Green**)

APPLICATIONS

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









PERFORMANCE DATA		DELTA™ DRIP SPIKE PC			
		END-LINE & IN-LINE			
		0.5 gph	1 gph	2 gph	
DRIPPERS	 PRESSURE (psi) PRESSURE Compensating	FLOW	FLOW	FLOW	
		(gph)	(gph)	(gph)	
		10	0.30	0.90	1.90
		15	0.51	1.07	1.86
		20	0.51	1.05	1.91
		25	0.51	1.04	1.96
		30	0.52	1.02	2.00
		35	0.52	1.01	2.05
40	0.52	0.99	2.09		
Minimum Cross-section		0.024" x 0.032"	0.032" x 0.037"	0.039" x 0.043"	
Recommended Operating Pressure 15 psi to 40 psi					



FILTRATION REQUIREMENTS

- Drip Emitters: 100 microns (150 mesh)

		Delta™ Drip Spike PC					
Connection Type		END-LINE			IN-LINE		
PACKAGING							
Color and Flow Rate		0.5 gph	1 gph	2 gph	0.5 gph	1 gph	2 gph
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 (lbs)	Packs	15.2			15.4		
	Bulk	15.0			15.2		
Base Inlet Connection		0.18" Barb					
Dimensions	Height	5.7"					
	Width	1.1"			1.5"		
Assembled	Depth	0.7"					
	Weight	0.20 oz			0.21 oz		
Material		U.V. Stabilized					



Delta™ Drip Spike PC
2 gph In-Line



Delta™ Drip Spike PC
0.5 gph 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 0.18" barb with sharp needle for quick and easy installation.
- Four flow rates are available. Color Coded for easy identification:
0.25 gph (**Brown**), 0.5 gph (**Red**), 1 gph (Black) and 2 gph (**Green**)

APPLICATIONS

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



PERFORMANCE DATA		Mikra™ Drip PC				
		BUTTON DRIP EMITTERS				
DRIPPERS	 PRESSURE (psi)	FLOW (gph)				
		0.25 gph	0.5 gph	1 gph	2 gph	
	Pressure Compensating	10	0.31	0.44	0.98	2.17
		15	0.30	0.46	1.01	2.17
		20	0.30	0.47	1.03	2.16
		25	0.30	0.48	1.05	2.16
		30	0.29	0.49	1.07	2.15
		35	0.29	0.50	1.09	2.15
40		0.28	0.51	1.11	2.14	
Minimum Cross-section		0.017" x 0.022"	0.024" x 0.032"	0.032" x 0.037"	0.039" x 0.043"	
Recommended Operating Pressure 15 psi to 40 psi						



Mikra™ 0.25 gph
0.18" Barb



Mikra™ 0.5 gph
0.18" Barb







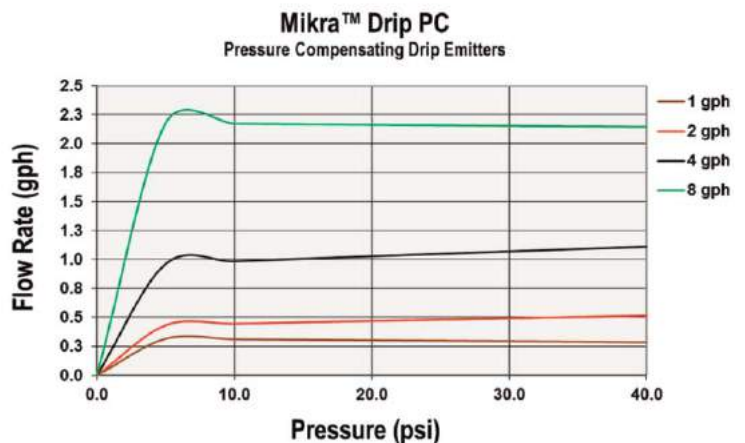
Mikra™ 1 gph
0.18" Barb



Mikra™ 2 gph
0.18" Barb

- ### FILTRATION REQUIREMENTS
- Drip Emitters: 100 microns (150 mesh)

Mikra™ Drip PC					
Connection Type		0.18" BARB			
PACKAGING					
Color and Flow Rate		0.25 gph	0.5 gph	1 gph	2 gph
Order Codes	Packs	201806	203876	203886	203896
	Bulk	020180	020387	020388	020389
Quantity per Bag	Packs	100			
	Bulk	8500			
Bags per Carton	Packs	75			
	Bulk	1			
Weight per Carton (lbs)	Packs	37.0			
	Bulk	40.6			
Base Inlet Connection		0.18" Barb			
Dimensions of Mikra™ Drip Emitters Assembled	Height	1"			
	Width	0.73"			
	Depth	0.73"			
	Weight	0.07 oz			
Material		U.V. Stabilized			



Maxima™ 360°

SPRAYS

Adjustable Vortex Sprays


FEATURES and BENEFITS

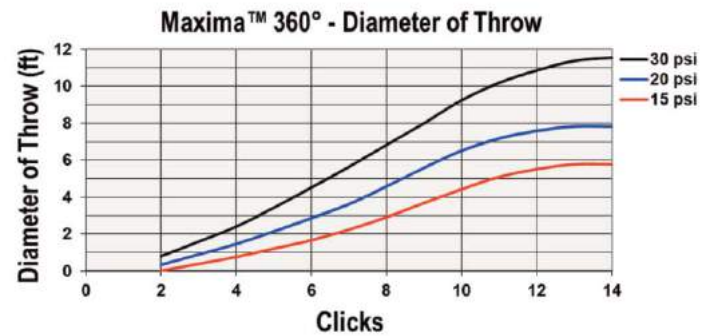
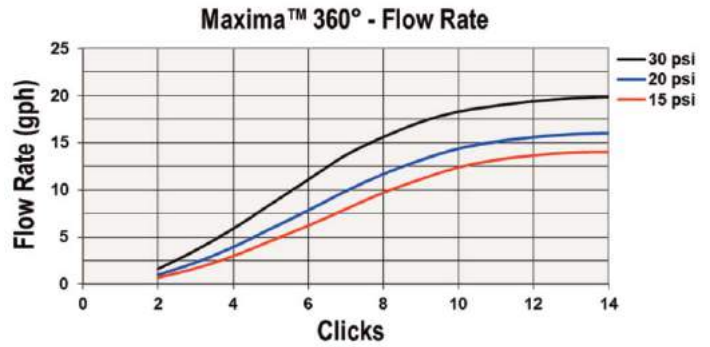
- Rotation of the Maxima™ 360° cap allows simultaneous adjustment of flow rate and diameter of throw. The ratchet clip action between the cap and the base allows the vortex pattern to be increased or decreased until final shut-off.
- Four base options available, 0.18" Barb, 10-32 UNF Male Thread, 1/2" FPT Thread and 6" 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	
		(psi)	(gph)	(ft)	
		Adjustable to Maximum (approx) 14 Clicks	15	0 - 14	0 - 5.8
			20	0 - 16	0 - 7.8
25	0 - 20		0 - 11.5		
Tested 8" above Ground Level					
Recommended operating pressure 15 psi					







Maxima 360°
0.18" Barb



Maxima™ 360°
1/2" FPT Thread



Maxima 360°
10-32 UNF Thread

Maxima™ 360°					
PACKAGING					
		BARB	THREAD	SPIKE	1/2" THREAD
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 (lbs)	Packs	27.1	30.6	16.8	19.8
	Bulk	35.5	40.6	16.3	20.3
Base Inlet Connection		0.18" Barb	10-32 UNF Thread	0.18" Barb	1/2" FPT
Dimensions	Height	1.1"	1.1"	6.2"	1.2"
	Width	0.78"	0.78"	1.65"	1.1"
Assembled	Depth	0.63"	0.63"	0.63"	1.1"
	Weight	0.08 oz	0.09 oz	0.23 oz	0.17 oz
Material		U.V. Stabilized			



Maxima™ 360° Spike

Pressure Compensating Vortex Spike

FEATURES and BENEFITS

- Pressure Compensating End-Line Vortex spray spikes with pre-defined flow rates and 0.18" Inlet Barb. Ideal where uniform flow rates and constant diameter of throw are required.
- Five pre-defined flow rates are available. Color coded for easy identification: 8 gph (Orange), 10 gph (Blue), 12 gph (Violet), 13 gph (Green), 15 gph (Red)

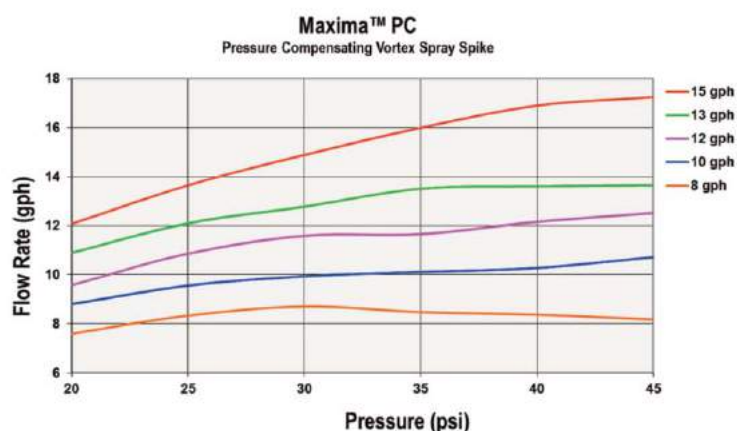
APPLICATIONS

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



PERFORMANCE DATA				MAXIMA™ 360° SPIKE PC
COLOR AND PRE-DEFINED FLOW RATE	PRESSURE (psi)	FLOW (gph)	DIAMETER OF THROW (ft)	
ORANGE 8 gph	20	7.6	2.5	
	25	8.3	2.6	
	30	8.7	2.6	
	35	8.5	2.6	
	40	8.4	2.6	
BLUE 10 gph	20	8.8	3.3	
	25	9.6	3.4	
	30	9.9	3.5	
	35	10.1	3.7	
	40	10.3	3.7	
VIOLET 12 gph	20	9.6	4.3	
	25	10.9	4.5	
	30	11.6	4.8	
	35	11.7	5.1	
	40	12.2	5.1	
GREEN 13 gph	20	10.9	5.6	
	25	12.1	5.8	
	30	12.8	6.0	
	35	13.5	6.2	
	40	13.6	6.2	
RED 15 gph	20	12.1	8.9	
	25	13.6	9.1	
	30	14.9	9.4	
	35	16.0	9.5	
	40	16.9	9.7	
	45	17.2	9.8	

Recommended Operating Pressure 20 psi to 45 psi - Tested 8 inches 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						
	Color and Flow Rate	8 gph	10 gph	12 gph	13 gph	15 gph
Order Codes	Packs	204594	204604	204614	204624	204634
	Bulk	020459	020460	020461	020462	020463
Quantity per Bag	Packs	25				
	Bulk	1500				
Bags per Carton	Packs	40				
	Bulk	1				
Weight per Carton (lbs)	Packs	18.3				
	Bulk	18.1				
Base Inlet Connection		0.18" Barb				
Dimensions	Height	6.1"				
	Width	1.1"				
Assembled	Depth	0.67"				
	Weight	0.25 oz				
Material		U.V. Stabilized				



Maxima™ 360° Spike PC
10 gph End-Line



Maxima™ 360° Spike PC
13 gph 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: **Colored** 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 (psi)	FLOW (gph)	SPRAY PATTERN				
				Radius of Throw (ft)		Diameter of Throw (ft)		
				90°	180°	360° x 18 Hole	Mini Vortex	Micro Mist
Adjustable to Maximum 0.06"	10	10	0 - 16.7	0 - 5.7	0 - 5.5	0 - 17.3		
	15	15	0 - 20.3	0 - 7.4	0 - 7.2	0 - 18.9		
	20	20	0 - 23.4	0 - 8.3	0 - 8.2	0 - 20.4		
	25	25	0 - 26.1	0 - 9.2	0 - 9.0	0 - 21.8		
	30	30	0 - 28.6	0 - 9.9	0 - 9.5	0 - 23.1		
	10	10	0 - 8.5				0 - 2.0	
	15	15	0 - 11.0				0 - 2.5	
	20	20	0 - 12.8				0 - 3.0	
	25	25	0 - 14.4				0 - 3.5	
	30	30	0 - 15.9				0 - 3.8	
	10	10	0 - 2.7					0 - 1.5
	15	15	0 - 3.2					0 - 1.5
	20	20	0 - 3.6					0 - 1.5
	25	25	0 - 4.0					0 - 1.5
	30	30	0 - 4.4					0 - 1.5

Recommended operating pressure 20 psi - Tested 20" above Ground Level



Idra™ Mini Vortex

Idra™ Micro Mist



Idra™ 90°

Idra™ 180°

Idra™ 360°

		Idra™ Sprays								
RANGE		COLORED RESIDENTIAL RANGE					BLACK PROFESSIONAL RANGE			
Spray Pattern										
Cap Color		Black	Blue	Red	Green	Black	Black	Black	Black	
Rotor Color		Blue	Blue	Blue	Black	Blue	Black	Black	Black	
Base Color		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 (lbs)	Packs	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
	Bulk	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	
Base Inlet Connection		10-32 UNF Thread								
Dimensions	Height	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	
	Width	0.9"	0.9"	0.9"	0.9"	0.9"	0.9"	0.9"	0.9"	
Assembled	Depth	0.6"	0.6"	0.6"	0.6"	0.6"	0.6"	0.6"	0.6"	
	Weight	0.09 oz	0.09 oz	0.09 oz	0.09 oz	0.09 oz	0.09 oz	0.09 oz	0.09 oz	
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: 8" and 12" for the Aquila Jet Spike and 12" for the Idra Jet Spike
- Rigid Riser lengths: 8" for Aquila™ Jet Spike and 12" 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: 20" with 0.18" adaptor for 1/4" tube.

APPLICATIONS

- General watering of landscaped areas.

PERFORMANCE DATA							
5.5SPRAYS	BASE Adjustable to Maximum 0.06"	PRESSURE (psi)	FLOW (gph)	SPRAY PATTERN			
				Diameter of Throw (ft)		Radius of Throw (ft)	
				360° x 18 Hole		180°	90°
		10	0 - 18.0	0 - 17.7	0 - 6.8	0 - 6.3	
		15	0 - 22.1	0 - 19.0	0 - 7.7	0 - 7.6	
		20	0 - 25.5	0 - 21.9	0 - 8.6	0 - 8.6	
		25	0 - 28.5	0 - 23.7	0 - 9.3	0 - 9.5	
		30	0 - 31.2	0 - 25.4	0 - 10.0	0 - 10.4	
Recommended operating pressure 20 psi							



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

Spike Options	Aquila™ Jet Spike						Idra™ Spike			
	8" SPIKE			12" SPIKE			12" SPIKE			
Spray Pattern										
Cap Color	Black						Black	Blue	Red	
Base Color	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 (lbs)	Packs	20.9	20.9	20.9	18.1	18.1	18.1	18.3	18.3	18.3
	Bulk	20.3	20.3	20.3	17.6	17.6	17.6	17.6	17.6	17.6
Inlet Connection	0.18" Barb									
Dimensions	Height	16"			20"			Max extension - 23.4"		
	Width	1"			1"			1"		
Assembled	Depth	0.7"			0.7"			0.7"		
	Weight	1.5 oz			1.6 oz			1.7 oz		
Material	U.V. Stabilized									



Aquila™ Jet Spke

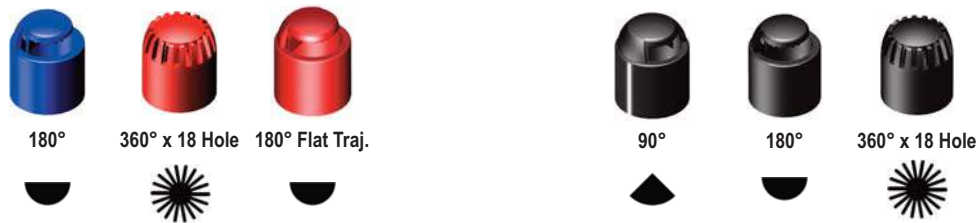
Caps and Bases

FEATURES and BENEFITS

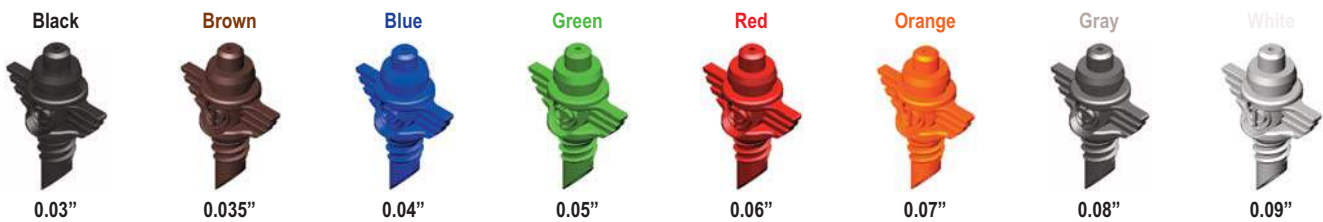
- Caps available in three spray patterns
- 90° Fan Spray - Cap color - **Black**
- 180° Fan Spray - Cap color - **Black or Blue**
- 180° Fan Spray (Flat Trajectory) - Cap color - **Red**
- 360° x 18 Hole Stream Spray - Cap color - **Black or Red**.
- Eight color coded bases with "FAST" thread for quick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

APPLICATIONS

- Ideal for landscaped gardens and garden beds.



Winged Jet Bases with "FAST" Thread



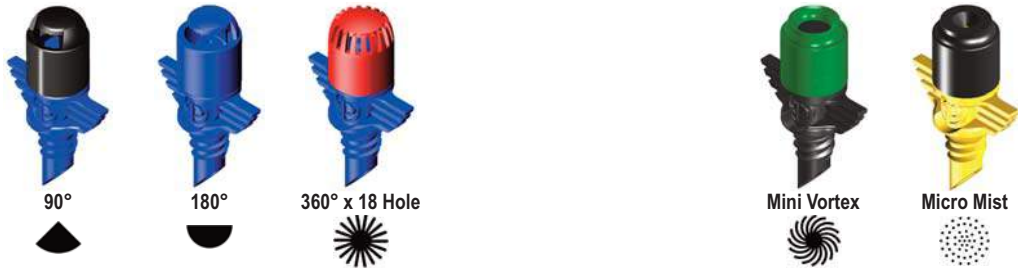
		Micro Spray Caps and Bases													
		CAPS						WINGED JET BASES							
		Black		Blue	Red		Black	Brown	Blue	Green	Red	Orange	Gray	White	
PACKAGING															
		90°	180°	360°	180°	360°	180° F/T								
Order Codes	Packs	100176	100186	100196	100236	100246	104446	100516	100606	100616	100626	100636	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 (lbs)	Packs	35.3						48.7							
	Bulk	30.6						43.0							
Base Inlet Connection								"FAST" Thread							
Dimensions	Height	0.37"	0.37"	0.33"	0.37"	0.33"	0.37"	0.87"							
	Width	0.31"						0.63"							
	Depth	0.31"						0.31"							
	Weight	0.01 oz						0.02 oz							
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 color - **Black**
- 180° Fan Spray - Cap color - **Black or Blue**
- 180° Flat Trajectory Fan Spray - Cap color - **Red**
- 360° x 18 Hole Stream Spray - Cap color - **Black or Red**.
- Eight color coded bases with “FAST” thread for quick and easy installation. Base color 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.



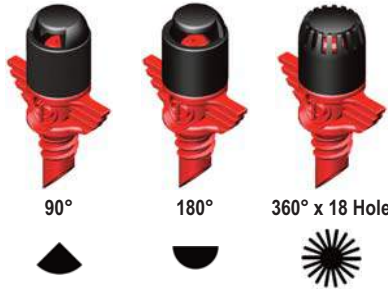
Aquila™ Jet Spray Assemblies												
PACKAGING	ASSEMBLED		AQUILA™ JET WINGED BASES WITH “FAST” THREAD								CAP COLORS AND SPRAY PATTERNS	
	Mini Vortex	Micro Mist	Black	Brown	Blue	Green	Red	Orange	Gray	White		
Order Codes	Packs		200406	200436	200466	200496	200526	200556	200586	200616	90°	
	Bulk		020040	020043	020046	020049	020052	020055	020058	020061	90°	
	Packs		200416	200446	200476	200506	200536	200566	200596	200626	180°	
	Bulk		020041	020044	020047	020050	020053	020056	020059	020062	180°	
	Packs		200426	200456	200486	200516	200546	200576	200606	200636	360° x 18 Hole	
	Bulk		020042	020045	020048	020051	020054	020057	020060	020063	360° x 18 Hole	
	Packs		200646	200666	200686	200706	200726	200746	200766	200786	180° Flat Trajectory	
	Bulk		020064	020066	020068	020070	020072	020074	020076	020078	180° Flat Trajectory	
	Packs		200656	200676	200696	200716	200736	200756	200776	200796	360° x 18 Hole	
	Bulk		020065	020067	020069	020071	020073	020075	020077	020079	360° x 18 Hole	
	Packs		204096	204106	204116	204126	204136	204146	204156	204166	180° Flat Trajectory	
	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 (lbs)	Packs											37.9
	Bulk											37.7
Base Inlet Connection	“FAST” Thread											
Dimensions	Height											1”
	Width											0.64”
Assembled	Depth											0.3”
	Weight											0.07 oz
Material	U.V. Stabilized											

Aquila™ Jets

SPRAYS

Micro Sprays

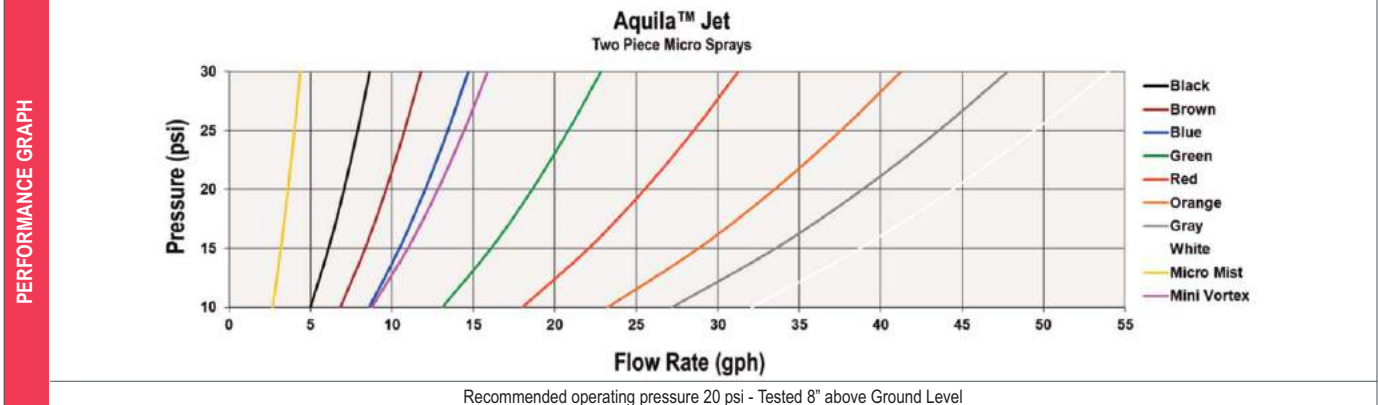
Optimum performance is achieved at low operating pressures as indicated in the table below by the blue shaded rows.



FILTRATION REQUIREMENTS

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

PERFORMANCE DATA			Aquila™ Jet Sprays						
			SPRAY PATTERNS						
			90°	180°	180° Flat Trajectory	360° x 18 Hole	Mini Vortex	Micro Mist	
BASE COLOR AND JET OUTLET SIZE	PRESSURE (psi)	FLOW RATE (gph)	RADIUS OF THROW (ft)			DIAMETER OF THROW (ft)			
MICRO SPRAYS	BLACK 0.03"	10	4.3	4.5	2.6	9.8			
		15	5.4	4.9	3.3	11.7			
		20	6.3	5.3	3.6	13.4			
		25	7.0	5.7	3.8	14.8			
	BROWN 0.035"	30	8.6	7.7	6.0	3.9	16.2		
		10	6.8	5.0	4.9	3.0	11.2		
		15	8.3	6.1	5.4	3.6	13.2		
		20	9.6	7.1	5.8	3.9	15.0		
	BLUE 0.04"	25	10.8	7.9	6.2	4.1	16.6		
		30	11.8	8.7	6.6	4.3	18.0		
10		8.6	5.4	5.3	3.3	13.3			
15		10.5	6.6	5.9	3.8	15.2			
GREEN 0.05"	20	12.0	7.6	6.4	4.2	16.9			
	25	13.4	8.5	6.9	4.4	18.4			
	30	14.7	9.3	7.3	4.6	19.8			
	10	13.1	6.0	6.0	3.4	17.2			
RED 0.06"	15	16.1	7.2	6.7	3.9	19.0			
	20	18.6	8.2	7.4	4.3	20.6			
	25	20.8	9.1	8.0	4.6	22.2			
	30	22.8	9.9	8.5	4.8	23.6			
ORANGE 0.07"	10	18.0	6.3	6.8	3.6	17.9			
	15	22.1	7.6	7.7	4.3	19.7			
	20	25.5	8.6	8.6	4.6	21.4			
	25	28.5	9.5	9.3	4.8	23.0			
GRAY 0.08"	30	31.2	10.4	10.0	4.9	24.5			
	10	23.3	6.7	7.4	3.8	18.2			
	15	28.8	7.9	8.4	4.4	20.0			
	20	33.5	8.9	9.3	4.8	21.8			
WHITE 0.09"	25	37.6	9.8	10.2	5.1	23.3			
	30	41.3	10.7	10.9	5.2	24.8			
	10	27.2	7.0	7.7	4.3	18.5			
	15	33.5	8.2	8.8	5.1	20.4			
MINI VORTEX	20	38.9	9.3	9.7	5.6	22.1			
	25	43.5	10.3	10.6	6.0	23.7			
	30	47.8	11.1	11.4	6.4	25.2			
	10	32.1	7.3	8.1	4.4	18.8			
MICRO MIST	15	38.7	8.5	9.4	5.6	20.7			
	20	44.4	9.6	10.1	6.4	22.4			
	25	49.4	10.6	11.0	7.0	24.0			
	30	54.0	11.5	11.8	7.5	25.5			
	10	8.8				3.3			
	15	11.0				6.6			
	20	12.8				8.2			
	25	14.4				9.2			
	30	15.9				10.0			
	10	2.7				1.5			
	15	3.2				1.5			
	20	3.6				1.5			
	25	4.0				1.5			
	30	4.4				1.5			



Pressure Compensating Sprays

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 20 psi and 45 psi.
- Six color coded PC bases with pre-defined flow rates. Color identifies flow rate.
6 gph (**Black**), 8.5 gph (**Orange**), 10.5 gph (**Blue**)
12.5 gph (**Violet**), 14.5 gph (**Green**) and 20.5 gph (**Red**)
- Four Spray Patterns available:
90° Fan Spray, Cap color (**Black**)
180° Fan Spray, Cap color (**Black & Blue**)
180° Flat Trajectory Fan Spray, Cap Color (**Red**)
360° x 18 Hole Spray, Cap color (**Black & Red**)
- 10-32 UNF Thread connection.

APPLICATIONS

- Watering of landscaped areas and garden beds.



FILTRATION REQUIREMENTS

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

Aquila™ Jet PC Spray Assemblies

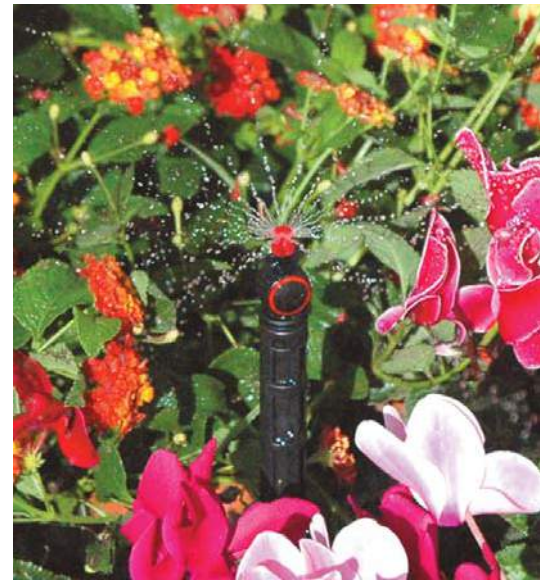
		COLOR CODED BASES						
Color	Black	Orange	Blue	Violet	Green	Red		
Flow Rate	6 gph	8.5 gph	10.5 gph	12.5 gph	14.5 gph	20.5 gph		
Outlet Size	0.035"	0.049"	0.051"	0.057"	0.061"	0.065"		
PACKAGING								CAP COLORS AND SPRAY PATTERNS
Order Codes	Packs	202805	202815	202825	202835	202845	202855	 90°
	Bulk	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						<p style="writing-mode: vertical-rl; transform: rotate(180deg);">THE HEIGHT OF THE AQUILA™ JET PC SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED</p>
Bulk	1000							
Bags per Carton	Packs	100						
Bulk	5							
Weight per Carton (lbs)	Packs	39.9						
Bulk	38.6							
Base Inlet Connection		10-32 UNF Thread						
Dimensions	Height	1.6"						
	Width	0.71"						
Assembled	Depth	0.67"						
	Weight	3.5 g						
Material		U.V. Stabilized						







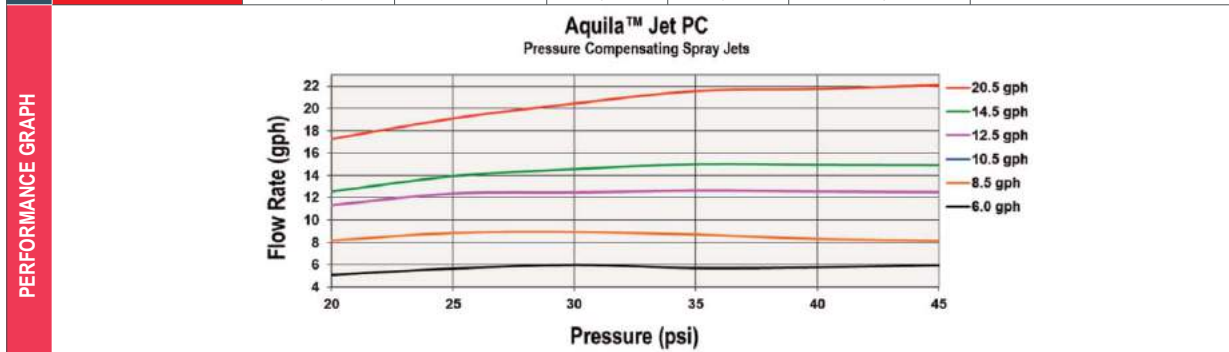
Pressure Compensating Sprays

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						
PERFORMANCE DATA			SPRAY PATTERNS			
						
BASE COLOR AND FLOW RATE	PRESSURE (psi)	FLOW RATE (gph)	RADIUS OF THROW (ft)			DIAMETER OF THROW (ft)
			90°	180°	180° Flat Trajectory	360° x 18 Hole
BLACK 6 gph	20	5.1	4.9	5.4	3.1	
	25	5.7	5.0	5.4	3.2	
	30	6.0	5.1	5.4	3.3	
	35	5.7	5.1	5.5	3.3	
	40	5.8	5.2	5.5	3.3	
ORANGE 8 gph	20	8.2	5.2	5.5	3.3	
	25	8.8	5.3	5.6	3.4	
	30	8.9	5.4	5.7	3.4	
	35	8.7	5.4	5.8	3.4	
	40	8.3	5.4	5.9	3.4	
BLUE 10 gph	20	9.0	5.6	5.9	3.6	13.4
	25	9.8	5.6	6.0	3.7	13.8
	30	10.3	5.7	6.1	3.8	14.1
	35	10.6	5.8	6.1	3.8	14.3
	40	10.7	5.8	6.2	3.8	14.4
VIOLET 12.5 gph	20	11.3	5.9	6.2	3.8	14.8
	25	12.3	6.0	6.3	3.9	15.2
	30	12.5	6.0	6.4	3.9	15.6
	35	12.6	6.1	6.5	3.9	15.6
	40	12.5	6.2	6.5	3.9	15.7
GREEN 14.5 gph	20	12.5	6.6	6.5	3.9	15.4
	25	13.9	6.7	6.9	4.0	15.9
	30	14.6	6.9	7.1	4.1	16.3
	35	15.0	7.1	7.1	4.1	16.3
	40	15.0	7.1	7.2	4.1	16.4
RED 20.5 gph	20	17.3	8.0	7.2	4.1	16.1
	25	19.1	8.4	7.7	4.2	16.6
	30	20.4	8.7	7.9	4.3	16.9
	35	21.5	8.9	8.0	4.3	17.0
	40	21.7	9.0	8.1	4.3	17.1
	45	22.1	9.2	8.2	4.3	17.1



Recommended Operating Pressure 20 psi to 45 psi - Tested 8" above Ground Level

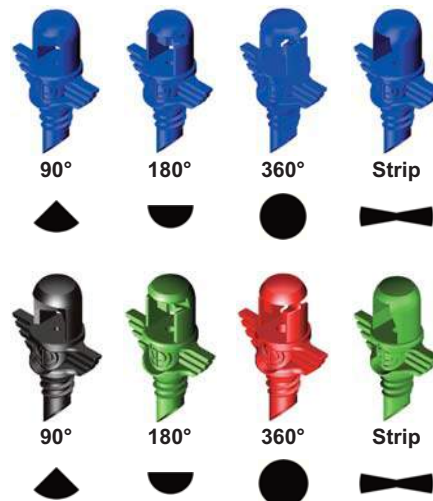
Micro Sprays

FEATURES and BENEFITS

- Single Piece micro sprays that distribute water evenly over the irrigated surface. Optimum performance and **“matched precipitation”** is achieved at 15 psi operating pressure. Winged bases with **“FAST”** thread are easy to install by hand eliminating the need for tools.
- Two color coded sets, **Blue** and **Multi-Coloured**.
Four spray patterns available per set.
- 90° Fan Spray
- 180° Fan Spray
- 360° Fan Spray
- Strip Spray

APPLICATIONS

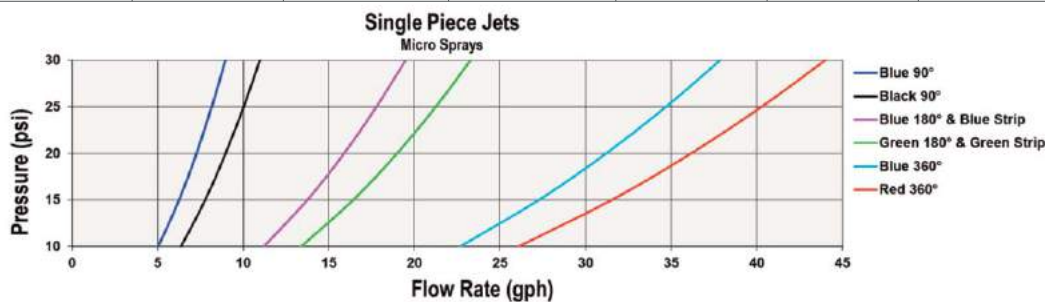
- Watering of landscaped areas and garden beds.



PERFORMANCE DATA

SINGLE PIECE MICRO SPRAYS	Blue				Multi-Coloured												
	Spray Pattern		90°		180°		360°		Strip		90°		180°		360°		Strip
Outlet Size		0.03"		0.05"		0.07"		0.05"		0.04"		0.06"		0.08"		0.04"	
Pressure (psi)	Flow (gph)	Radius of Throw (ft)	Flow (gph)	Radius of Throw (ft)	Flow (gph)	Diameter of Throw (ft)	Flow (gph)	Diameter of Throw (ft)	Flow (gph)	Radius of Throw (ft)	Flow (gph)	Radius of Throw (ft)	Flow (gph)	Diameter of Throw (ft)	Flow (gph)	Diameter of Throw (ft)	
																	10
15	6.2	3.3	13.8	3.7	27.3	7.2	13.8	7.9	7.8	4.5	16.4	5.1	31.5	9.9	16.4	10.6	
20	7.3	3.5	15.9	4.0	31.2	7.5	15.9	8.4	9.0	4.8	19.0	5.5	36.2	10.3	19.0	11.3	
25	8.2	3.7	17.8	4.3	34.7	7.7	17.8	8.8	10.0	5.1	21.3	5.8	40.3	10.8	21.3	11.9	
30	8.9	3.9	19.5	4.5	37.9	7.9	19.5	8.9	11.0	5.4	23.3	6.1	44.0	11.2	23.3	12.5	

PERFORMANCE GRAPH



Recommended operating pressure 15 psi - Tested 8" above Ground Level

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 (lbs)	Packs	38.6							
	Bulk	36.2							
Base Inlet Connection		“FAST” Thread							
Dimensions	Height	1"							
	Width	0.64"							
	Depth	0.3"							
	Weight	0.02 oz							
Material		U.V. Stabilized							

Down Sprays & Stream Jets

SPRAYS

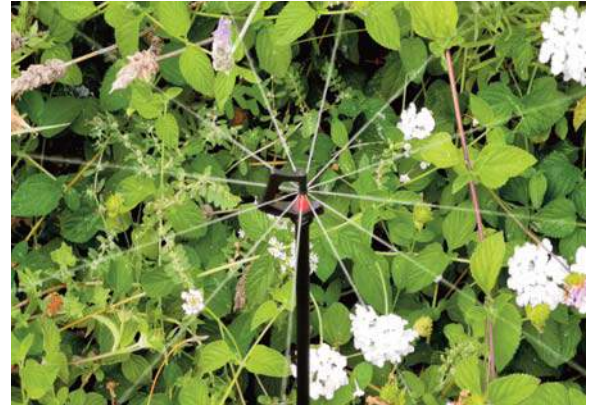
Standard & Pressure Compensating Sprays

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 to choose from for the Standard Down Sprays and Standard Stream Jets.
- Six color coded Pressure Compensating Bases for the PC Down Sprays and PC Stream Jets.
- Base color identifies the flow rate.
- Assemblies made to order.

APPLICATIONS

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



Down Spray Standard



Down Spray PC



FILTRATION REQUIREMENTS

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



12 Stream Flat Jet PC



8 Stream Jet PC Inverted







Down Sprays & Stream Jets																
		STANDARD BASES					PRESSURE COMPENSATING BASES									
Base Color		Black	Brown	Blue	Green	Red	Black	Orange	Blue	Violet	Green	Red				
Base Outlet Size		0.03"	0.035"	0.04"	0.05"	0.06"	0.035"	0.049"	0.051"	0.057"	0.061"	0.065"				
Flow Rate							6 gph	8.5 gph	10.5 gph	12.5 gph	14.5 gph	20.5 gph				
PACKAGING													SPRAY & JET PATTERNS			
Order Codes	Packs	204915	204925	204935	204945	204955	205844	205854	205864	205874	205884	205894		Down Spray		
	Bulk	020491	020492	020493	020494	020495	020584	020585	020586	020587	020588	020589				
	Packs	205715	205725	205735	205745	205755	205764	205774	205784	205794	205804	205814			12 Stream Flat Jet	
	Bulk	020571	020572	020573	020574	020575	020576	020577	020578	020579	020580	020581				
	Packs	205155	205165	205175	205185	205195	205204	205214	205224	205234	205244	205254				8 Stream Jet
	Bulk	020515	020516	020517	020518	020519	020520	020521	020522	020523	020524	020525				
Quantity per Bag	Packs	50					25									
Bulk	500					500										
Bags per Carton	Packs	120					100									
Bulk	12					5										
Weight per Carton (lbs)	Packs	30.4					29.3									
Bulk	28.9					28.2										
Base Inlet Connection		"FAST" Thread					10-32 UNF Thread									
Dimensions of Sprays Assembled	Height	1.6"					1.6"									
	Width	1.3"					1.3"									
	Depth	0.5"					0.5"									
	Weight	0.07 oz					0.17 oz									
Material		U.V. Stabilized														

SPRAYS

Down Sprays & Stream Jets

Standard & Pressure Compensating Sprays



Down Sprays & Stream Jets								
PERFORMANCE DATA				SPRAY PATTERNS				
								
		PATTERN	Down Spray	12 Stream Flat Jet	8 Stream Jet	Inverted 8 Stream Jet		
		TRAJECTORY	18°	0°	22°	22°		
		HEIGHT TESTED	Tested 20" above Ground Level			Tested 32" above Ground Level		
STANDARD BASES	STANDARD BASES COLOR AND OUTLET SIZE	PRESSURE (psi)	FLOW RATE (gph)	DIAMETER OF THROW (ft)				
	BLACK	0.03"	10	5.0	6.0	9.8	4.0	2.4
			15	6.1	6.2	11.2	4.2	2.7
			20	7.1	6.4	12.5	4.4	2.9
	BROWN	0.035"	25	7.9	6.4	13.6	4.6	3.1
			30	8.6	6.5	14.4	4.6	3.2
			10	6.8	6.2	11.0	4.4	3.0
	BLUE	0.04"	15	8.3	6.4	12.5	4.6	3.4
			20	9.6	6.6	13.8	4.7	3.7
			25	10.8	6.7	14.7	4.8	3.8
GREEN	0.05"	30	11.8	6.9	15.5	4.9	3.9	
		10	8.6	6.5	13.1	4.6	3.1	
		15	10.5	6.9	15.1	4.8	3.6	
RED	0.06"	20	12.0	7.2	16.6	4.9	3.9	
		25	13.4	7.3	17.7	5.0	4.1	
		30	14.7	7.5	18.5	5.1	4.2	
GREEN	0.05"	10	13.1	6.9	14.4	6.8	3.4	
		15	16.1	7.2	17.1	7.0	4.0	
		20	18.6	7.5	19.0	7.3	4.4	
RED	0.06"	25	20.8	7.7	20.3	7.4	4.6	
		30	22.8	7.9	21.3	7.5	4.7	
		10	18.0	8.5	15.1	7.4	3.8	
BLACK	0.06"	15	22.1	8.9	17.7	7.9	4.4	
		20	25.5	9.1	19.7	8.3	4.8	
		25	28.5	9.2	21.0	8.6	5.0	
BLACK	0.06"	30	31.2	9.3	22.0	8.8	5.1	

Recommended operating pressure 20 psi

PRESSURE COMPENSATING BASES	PRESSURE COMPENSATING BASES COLOR AND FLOW RATE	PRESSURE (psi)	FLOW RATE (gph)	Down Spray	12 Stream Flat Jet	8 Stream Jet	Inverted 8 Stream Jet
	BLACK 6 gph	20	5.1	5.9	9.2	5.9	9.2
		25	5.7	5.9	9.3	5.9	9.3
		30	6.0	5.9	9.4	5.9	9.4
		35	5.7	5.9	9.5	5.9	9.5
		40	5.8	5.9	9.5	5.9	9.5
	ORANGE 8.5 gph	45	5.9	5.9	9.5	5.9	9.5
		20	8.2	6.2	10.5	6.2	10.5
		25	8.8	6.2	10.6	6.2	10.6
		30	8.9	6.2	10.7	6.2	10.7
35		8.7	6.2	10.6	6.2	10.6	
BLUE 10 gph	40	8.3	6.2	10.5	6.2	10.5	
	45	8.2	6.2	10.5	6.2	10.5	
	20	9.0	6.6	11.2	6.6	11.2	
	25	9.8	6.6	11.2	6.6	11.2	
	30	10.3	6.6	11.2	6.6	11.2	
VIOLET 12.5 gph	35	10.6	6.6	11.2	6.6	11.2	
	40	10.7	6.6	11.2	6.6	11.2	
	45	11.2	6.6	11.2	6.6	11.2	
	20	11.3	6.9	11.8	6.9	11.8	
	25	12.3	6.9	11.8	6.9	11.8	
GREEN 14.5 gph	30	12.5	6.9	11.8	6.9	11.8	
	35	12.6	6.9	11.8	6.9	11.8	
	40	12.5	6.9	11.8	6.9	11.8	
	45	12.5	6.9	11.8	6.9	11.8	
	20	12.5	7.2	12.6	7.2	12.6	
RED 20.5 gph	25	13.9	7.2	12.7	7.2	12.7	
	30	14.6	7.2	12.9	7.2	12.9	
	35	15.0	7.2	13.0	7.2	13.0	
	40	15.0	7.2	13.1	7.2	13.1	
	45	14.9	7.2	13.1	7.2	13.1	

Recommended operating pressure 20 psi to 45 psi



8 Stream Jet Standard



8 Stream Jet PC Inverted



Orbita Micro Sprinklers

SPRINKLERS

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 color coded bases to choose from for the Standard model.
- Four color coded bases for the Inverted model.
- Base color 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, 20” flexible tube and 0.18” Joiner. There are two spike lengths to choose from, 8” or 12”.

APPLICATIONS

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



Standard



Inverted



Adjustable



Orbita Micro Sprinkler

		STANDARD						INVERTED				ADJUSTABLE		SPIKE	
		Brown	Blue	Green	Red	Orange	Grey	Brown	Blue	Green	Red	Black	Yellow	8"	12"
Base Color															
Base Outlet Size		0.035"	0.04"	0.05"	0.06"	0.07"	0.08"	0.035"	0.04"	0.05"	0.06"	0.06"	0.06"	0.06"	0.06"
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 (lbs)	Packs	34.2						34.4				12.1		9.9	8.6
	Bulk	33.1						33.3				11.5		9.6	8.4
Base Inlet Connection		"FAST" Thread						"FAST" Thread				10-32 UNF Thread		0.18" Barb	
Dimensions of Orbita Micro Sprinklers Assembled	Height	1.6"						1.6"				2.1"		16"	21"
	Width	1.3"						1.3"				1.3"		1.3"	1.3"
	Depth	0.5"						0.5"				0.9"		0.9"	0.9"
	Weight	0.08 oz						0.08 oz				0.14 oz		1.5 oz	1.7 oz
Material		U.V. Stabilized													

SPRINKLERS

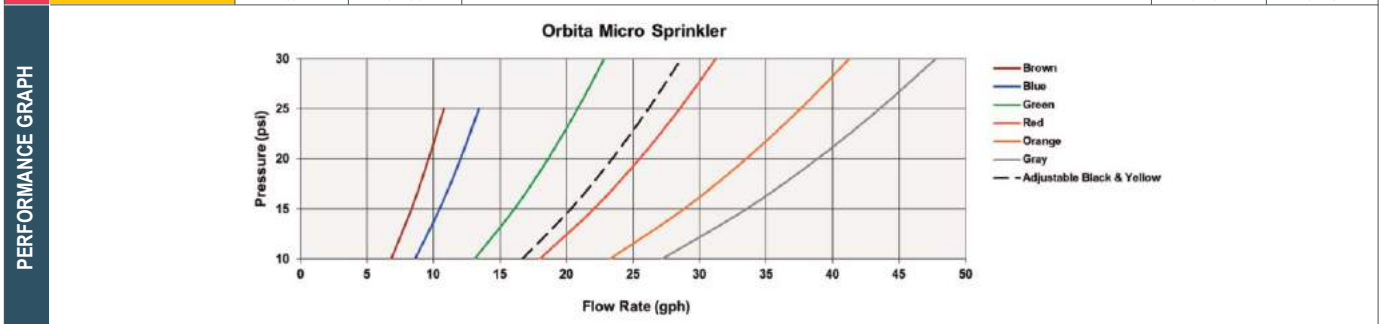
Orbita Micro Sprinklers

Micro Sprinklers



Orbita Micro Sprinklers

PERFORMANCE DATA		STANDARD		INVERTED		SPIKE		VARIABLE			
						8"	12"				
		Tested 8" above Ground Level		Tested 2.5 ft above Ground Level	Tested 6.5 ft above Ground Level	Tested 12" above Ground Level	Tested 16" above Ground Level	Tested 8" above Ground Level			
FIXED FLOW	BASE COLOR AND BASE OUTLET SIZE	PRESSURE (psi)	FLOW RATE (gph)	DIAMETER OF THROW (ft)	STREAM HEIGHT (ft)	DIAMETER OF THROW (ft)	DIAMETER OF THROW (ft)		DIAMETER OF THROW (ft)	STREAM HEIGHT (ft)	
	BROWN 0.035"	10	6.8	16.8	0.6	13.0	17.3				
		15	8.3	17.4	0.7	13.3	17.9				
		20	9.6	18.0	1.0	13.6	18.6				
		25	10.8	18.6	1.3	13.9	19.2				
	BLUE 0.04"	10	8.6	17.2	0.6	13.0	17.5				
		15	10.5	17.8	0.7	13.5	18.3				
		20	12.0	18.4	1.0	14.0	19.0				
		25	13.4	18.9	1.3	14.4	19.8				
	GREEN 0.05"	10	13.1	18.3	1.0	13.1	17.8				
		15	16.1	19.8	1.3	13.9	18.8				
		20	18.6	21.3	1.6	14.6	19.7				
		30	22.8	23.9	1.6	15.9	21.5				
RED 0.06"	10	18.0	19.1	1.0	13.6	18.1	19.4	19.7			
	15	22.1	21.2	1.3	14.5	19.5	21.5	21.9			
	20	25.5	23.1	1.6	15.3	20.8	23.5	23.8			
	25	28.5	24.9	1.6	16.1	22.0	25.2	25.6			
ORANGE	10	23.3	20.4	1.0							
	15	28.8	22.5	1.3							
	20	33.5	24.4	1.6							
	25	37.6	26.2	1.6							
GRAY 0.08"	10	27.2	20.6	1.4							
	15	33.5	22.9	1.6							
	20	38.9	24.9	1.6							
	25	43.5	26.8	1.6							
VARIABLE FLOW	BLACK Adjustable to max 0.06"	10	0 - 16.7							0 - 18.7	0 - 1.0
		15	0 - 20.3							0 - 20.9	0 - 1.3
		20	0 - 23.4							0 - 22.8	0 - 1.5
		25	0 - 26.1							0 - 24.6	0 - 1.5
VARIABLE FLOW	YELLOW Adjustable to max 0.06"	10	0 - 16.7							0 - 18.7	0 - 1.0
		15	0 - 20.3							0 - 20.9	0 - 1.3
		20	0 - 23.4							0 - 22.8	0 - 1.5
		25	0 - 26.1							0 - 24.6	0 - 1.5
VARIABLE FLOW	BLACK Adjustable to max 0.06"	30	0 - 28.6							0 - 26.2	0 - 1.5
		30	0 - 28.6							0 - 26.2	0 - 1.5



Recommended operating pressure is indicated by the rows highlighted in blue

Orbita PC Micro Sprinklers

SPRINKLERS

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.
- Color coded bases
 - 8.5 gph (Orange), 10.5 gph (Blue), 12.5 gph (Violet),
 - 14.5 gph (Green) and 20.5 gph (Red).

APPLICATIONS

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




Orbita PC Micro Sprinkler Assemblies						
		Colors, Flow Rates & Orifice Sizes				
Base Color	Orange	Blue	Violet	Green	Red	
Flow Rate	8.5 gph	10.5 gph	12.5 gph	14.5 gph	20.5 gph	
Base Outlet Size	0.049"	0.051"	0.057"	0.061"	0.065"	
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 (lbs)	Packs	31.3				
	Bulk	30.2				
Base Inlet Connection		10-32 UNF Thread				
Dimension of Orbita PC Micro Sprinklers Assembled	Height	2.2"				
	Width	1.3"				
	Depth	0.67"				
	Weight	0.18 oz				
Material		U.V. Stabilized				

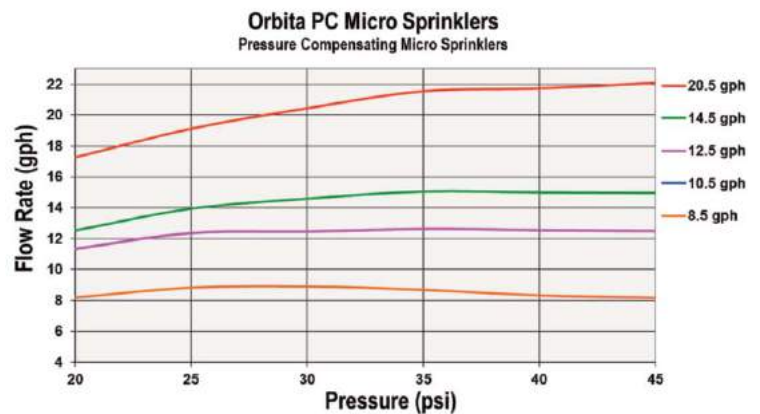


FILTRATION REQUIREMENTS

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

Orbita PC Micro Sprinklers					
PERFORMANCE DATA					
BASE COLOR AND FLOW RATE	PRESSURE	FLOW RATE	DIAMETER OF THROW	STREAM HEIGHT	
	(psi)	(gph)	(ft)	(ft)	
ORANGE 8.5 gph	20	8.2	10.5	1	
	25	8.8	10.8	1	
	30	8.9	11.2	1	
	35	8.7	11.2	1	
	40	8.3	11.1	1	
BLUE 10.5 gph	20	9.0	11.8	1	
	25	9.8	12.1	1	
	30	10.3	12.5	1	
	35	10.6	12.5	1	
	40	10.7	12.5	1	
VIOLET 12.5 gph	20	11.3	12.5	1.3	
	25	12.3	12.8	1.3	
	30	12.5	13.1	1.3	
	35	12.6	13.1	1.3	
	40	12.5	13.1	1.3	
GREEN 14.5 gph	20	12.5	13.8	1.3	
	25	13.9	14.1	1.3	
	30	14.6	14.3	1.3	
	35	15.0	14.3	1.3	
	40	15.0	14.4	1.3	
RED 20.5 gph	20	17.3	17.7	1.3	
	25	19.1	18.4	1.3	
	30	20.4	19.0	1.3	
	35	21.5	19.4	1.3	
	40	21.7	19.7	1.3	
	45	22.1	19.7	1.3	

Recommended Operating Pressure 20 psi to 45 psi - Tested 8" above Ground Level



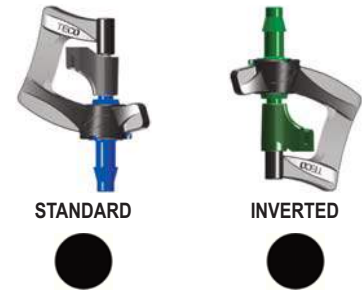
Micro Sprinklers

FEATURES and BENEFITS

- Two Orbita micro sprinkler models available: **Standard** and **Inverted**
- Eight color coded barbed bases to choose from for both models.
- Base color 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 0.18" Barbed Base

		STANDARD								INVERTED							
Base Color		Black	Brown	Blue	Green	Red	Orange	Gray	White	Black	Brown	Blue	Green	Red	Orange	Gray	White
Base Outlet Size		0.03"	0.035"	0.04"	0.05"	0.06"	0.07"	0.08"	0.09"	0.03"	0.035"	0.04"	0.05"	0.06"	0.07"	0.08"	0.09"
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 (lbs)	Packs	34.8								35.1							
	Bulk	33.7								34.0							
Base Inlet Connection		0.18" Barb								0.18" Barb							
Dimensions	Height	1.63"								1.63"							
	Width	1.30"								1.30"							
Assembled	Depth	0.47"								0.47"							
	Weight	0.08 oz								0.08 oz							
Material		U.V. Stabilized															

Inverted Micro Sprinkler Assemblies









FEATURES and BENEFITS

- The Strong “C” frame design allows for excellent water distribution uniformity.
- Inverted Orbita Micro Sprinkler with barbed base.
- Eight color coded bases to choose from
- Base color 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.
- 20” 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.

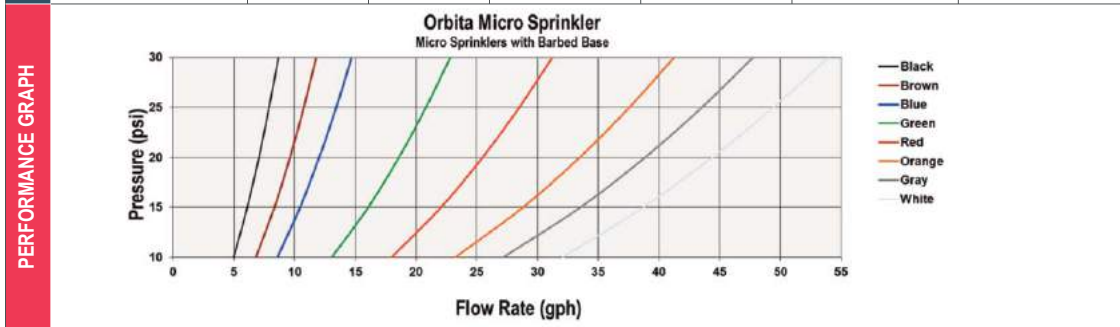


Inverted Orbita Micro Sprinkler									
INVERTED ORBITA MICRO SPRINKLER with COUNTER WEIGHT, 20" FPVC and 0.18" BARBED ADAPTOR									
Base Color		Black	Brown	Blue	Green	Red	Orange	Grey	White
Base Outlet Size		0.03"	0.035"	0.04"	0.05"	0.06"	0.07"	0.08"	0.09"
PACKAGING									
Order Codes	Packs	208552	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 (lbs)	Packs	28.8							
	Bulk	28.3							
Base Inlet Connection		0.18" Barb							
Dimensions Assembled	Height	21.65"							
	Width	1.46"							
	Depth	1.14"							
	Weight	2.1 oz							
Material		U.V. Stabilized							

Micro Sprinklers



Orbita Micro Sprinklers							
PERFORMANCE DATA			STANDARD		INVERTED		
			Tested 8 inches above Ground Level		Tested 31.5 inches above Ground Level	Tested 6.6 feet above Ground Level	
BASE COLOR AND BASE OUTLET SIZE	PRESSURE	FLOW RATE	DIAMETER OF THROW (ft)	STREAM HEIGHT (ft)	DIAMETER OF THROW (ft)		
	(psi)	(gph)					
FIXED FLOW	BLACK 0.03"	10	5.0	16.5	0.6	12.5	17.2
		15	6.1	17.1	0.7	12.9	17.8
		20	7.1	17.7	1.0	13.3	18.3
		25	7.9	18.3	1.3	13.7	18.9
	BROWN 0.035"	10	6.8	16.8	0.6	12.7	17.3
		15	8.3	17.4	0.7	13.2	17.9
		20	9.6	18.0	1.0	13.6	18.6
		25	10.8	18.6	1.3	14.1	19.2
	BLUE 0.04"	10	8.6	17.2	0.6	13.0	17.5
		15	10.5	17.8	0.7	13.5	18.3
		20	12.0	18.4	1.0	14.0	19.0
		25	13.4	18.9	1.3	14.4	19.8
GREEN 0.05"	10	13.1	18.3	1.0	13.1	17.8	
	15	16.1	19.8	1.3	13.9	18.8	
	20	18.6	21.3	1.6	14.6	19.7	
	25	20.8	22.6	1.6	15.2	20.6	
	30	22.8	23.9	1.6	15.9	21.5	
RED 0.06"	10	18.0	19.1	1.0	13.6	18.1	
	15	22.1	21.2	1.3	14.5	19.5	
	20	25.5	23.1	1.6	15.3	20.8	
	25	28.5	24.9	1.6	16.1	22.0	
	200	117	26.6	1.6	16.9	23.2	
ORANGE 0.07"	10	23.3	20.4	1.0	13.7	18.3	
	15	28.8	22.5	1.3	14.9	19.8	
	20	33.5	24.4	1.6	16.0	21.3	
	25	37.6	26.2	1.6	17.1	22.3	
	30	41.3	27.9	1.6	18.1	23.9	
GRAY 0.08"	10	27.2	20.6	1.0	13.8	18.5	
	15	33.5	22.9	1.3	15.1	20.1	
	20	38.9	24.9	1.6	16.3	21.5	
	25	43.5	26.8	1.6	17.4	22.8	
	30	47.8	28.6	1.6	18.5	24.1	
WHITE 0.09"	10	32.1	20.7	1.0	14.0	18.7	
	15	38.7	23.2	1.3	15.4	20.3	
	20	44.4	25.4	1.6	16.6	21.8	
	25	49.4	27.5	1.6	17.8	23.2	
	30	54.0	29.4	1.6	18.9	24.4	



Inverted Orbita Micro Sprinkler with Counter Weight & 20" FPVC Tube

Recommended operating pressure is indicated by the rows highlighted in blue

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 colored 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
0.18" Barb



Micro Valve
10-32 UNF Thread

MICRO VALVES						
RANGE		COLORED RANGE		BLACK RANGE		
						
Rotor Color		Blue	Blue	Black	Black	Black
Base Color		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 (lbs)	Packs	29.8	29.8	29.8	29.8	13.5
	Bulk	28.7	28.7	28.7	28.7	13.0
Base Connection Type		0.18" Barb	10-32 UNF Thread	0.18" Barb	10-32 UNF Thread	10-32 UNF Thread 0.18" Barb
Dimension of Micro Valves Assembled	Height	1.57"	1.46"	1.57"	1.46"	1.53"
	Width	0.9"	0.9"	0.9"	0.9"	0.9"
	Depth	0.6"	0.6"	0.6"	0.6"	0.6"
	Weight	0.08 oz	0.08 oz	0.08 oz	0.08 oz	0.08 oz
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 Nut on the Female Threaded Valves rotates independantly from the body. **Patented**
- The 14 mm, 15 mm and 18 mm valves are for dripper lines and are also available in color **Brown**.

APPLICATIONS

- Irrigation installations where flow control is required.

PLEASE NOTE:

- Valve Sizes specified refer to the Inside Diameter of Tube.
- **Recommended Maximum Operating Pressure 45 psi.**



Testa Roja Valve
1/2" Barb








Testa Roja Valve
14 mm Barb (Brown)








Testa Roja Valve
5/8" Barb x 1/2" MPT



Testa Roja Valve
5/8" Barb x 1/2" FPT

Testa Roja Valves													CONNECTION TYPE
PACKAGING	Testa Roja Valve Sizes												
	1/2"	14 mm		15 mm		5/8"	17 mm	18 mm	19 mm	3/4"			
Suitable for Tube I.D.	.490 - .515	.540 - .560		.580 - .600		.620 - .645	.660 - .675	.700 - .720	.740 - .755	.795 - .820			
Handle Color	Terracotta		Brown		Terracotta		Brown		Terracotta				
Body Color	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	020618	020620	020456	0206212	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 (lbs)	Packs	23.8	24.0	24.0	24.0	24.0	23.3	23.1	22.7	22.7	19.8	20.7	
	Bulk	22.9	23.1	23.1	23.1	23.1	22.5	22.7	21.8	21.8	19.4	20.2	
Dimensions	Height	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	2.1"	2.1"	
	Width	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.7"	1.7"	
Assembled	Depth	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"	3.9"	3.9"	
	Weight	0.67 oz	0.68 oz	0.68 oz	0.68 oz	0.68 oz	0.72 oz	0.72 oz	0.72 oz	0.72 oz	1.39 oz	1.47 oz	

Order Codes	Packs	206233	206243	203243	206253		206263	206273	206283		206293	206303	1/2" MPT x Barb
	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 (lbs)	Packs	25.6	25.8	25.8	25.8		26.0	26.0	25.1		21.6	22.5	
	Bulk	24.9	22.1	25.1	25.1		25.4	25.4	25.5		21.2	22.0	
Dimensions	Height	1.6"	1.6"	1.6"	1.6"		1.6"	1.6"	1.6"		2.1"	2.1"	
	Width	1.3"	1.3"	1.3"	1.3"		1.3"	1.3"	1.3"		1.7"	1.7"	
Assembled	Depth	3.5"	3.5"	3.5"	3.5"		3.5"	3.5"	3.5"		4.2"	4.2"	
	Weight	0.76 oz	0.77 oz	0.77 oz	0.77 oz		0.81 oz	0.81 oz	0.81 oz		1.53 oz	1.60 oz	
Material	U.V. Stabilized												

Testa Roja Valves

VALVES



Testa Roja Valve
5/8" Barb x 3/4" MPT



Testa Roja Valve
5/8" Barb x 3/4" FPT

Barb and Thread Connections

Testa Roja Valves										
PACKAGING		Testa Roja Valve Sizes								CONNECTION TYPE
Suitable for Tube I.D.		1/2"	14mm	15 mm	5/8"	17 mm	18 mm	19 mm	3/4"	
Handle Color		Terracotta								
Body Color		Black								
Order Codes	Packs	206393	206403	206413	206423	206433	206443	206453	206463	3/4" MPT x Barb
	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 (lbs)	Packs	20.9	20.9	20.9	21.8	22.0	19.8	19.8	20.7	
	Bulk	20.3	20.5	20.5	21.4	21.4	20.5	19.6	20.3	
Dimensions	Height	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	2.1"	2.1"	
	Width	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.7"	1.7"	
Assembled	Depth	3.6"	3.6"	3.6"	3.6"	3.6"	3.6"	4.3"	4.3"	
	Weight	0.81 oz	0.82 oz	0.82 oz	0.86 oz	0.86 oz	0.86 oz	1.56 oz	1.63 oz	



Order Codes	Packs	206473	206483	206493	206503	206513	206523	206533	206543	1/2" FPT x Barb 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	24	24	24	23	23	22	10	10	
	Bulk	1	1	1	1	1	1	1	1	
Weight per Carton (lbs)	Packs	27.6	27.8	27.8	28.7	28.9	27.8	22.3	23.1	
	Bulk	26.9	27.1	27.1	28.0	28.2	27.1	21.8	22.7	
Dimensions	Height	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	2.1"	2.1"	
	Width	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.7"	1.7"	
Assembled	Depth	3.7"	3.7"	3.7"	3.7"	3.7"	3.7"	4.3"	4.3"	
	Weight	0.83 oz	0.83 oz	0.83 oz	0.90 oz	0.90 oz	0.91 oz	1.59 oz	1.66 oz	



Order Codes	Packs	206553	206563	206573	206583	206593	206603	206613	206623	3/4" FPT x Barb 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 (lbs)	Packs	24.2	24.5	24.5	25.6	25.6	22.9	21.2	22.0	
	Bulk	23.8	24.0	24.0	24.9	24.9	23.8	20.9	21.8	
Dimensions of Testa Roja Valves	Height	1.6"	1.6"	1.6"	1.6"	1.6"	1.6"	2.1"	2.1"	
	Width	1.3"	1.3"	1.3"	1.3"	1.3"	1.3"	1.7"	1.7"	
Assembled	Depth	3.8"	3.8"	3.8"	3.8"	3.8"	3.8"	4.3"	4.3"	
	Weight	0.97 oz	0.97 oz	0.97 oz	1.01 oz	1.02 oz	1.02 oz	1.68 oz	1.75 oz	
Material	U.V. Stabilized									



Barb, Thread and 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 (Spinning Nut), 5/8" and 7/8" Tape Connection, Take-Off for PVC Pipe Connection and a new easy to install "Flex Connect" Lay-Flat Connector.

APPLICATIONS

- Irrigation installations where flow control is required.

PLEASE NOTE:

- Valve Sizes specified refer to the Inside Diameter of Tube.
- **Recommended Maximum Operating Pressure 45 psi - 1/2" and 3/4" Body**
- **Recommended Maximum Operating Pressure 130 psi - 1" Body**



3/4" Female Thread
x
3/4" Male



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



"Flex Connect" Lay-Flat Adaptor
x
5/8" Tape Connector



3/4" Male Thread
x
5/8" Tape Connector

Testa Roja, Valves QA Connection Type		PACKAGING								
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Valves				Material
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
					inches				ounces	
	1/2" FPT (Spinning Nut) x 1/2" MPT	203395	50	7	22.3	1.65	1.26	4.02	0.92	U.V. Stabilized
	1/2" FPT (Spinning Nut) x 3/4" MPT	203415	50	6	24.3	1.65	1.26	4.02	0.98	
	3/4" FPT (Spinning Nut) x 1/2" MPT	203405	50	7	24.5	1.65	1.26	4.02	1.02	
	3/4" FPT (Spinning Nut) x 3/4" MPT	203425	50	6	25.8	1.65	1.26	4.02	1.08	
	Take-Off with Gasket, For PE Pipe x 13 mm D-Barb (.490 - .550 tube I.D.)	206695	50	10	25.1	1.65	1.26	3.39	0.73	
	Take-Off with Gasket, For PE Pipe x 17 mm D-Barb (.660 - .675 tube I.D.)	206705	50	10	25.6	1.65	1.26	3.39	0.74	
	13 mm D-Barb (.490 - .550 tube I.D.) x 5/8" Tape Loc	206715	50	8	25.1	1.65	1.26	4.29	0.91	
	13 mm D-Barb (.490 - .550 tube I.D.) x 7/8" Tape Loc	206655	50	7	28.9	1.65	1.26	4.45	1.22	
	Take-Off with Gasket, For PE Pipe x 5/8" Tape Loc	206725	50	7	22.7	1.65	1.26	4.25	0.93	
	Take-Off with Gasket, For PE Pipe x 7/8" Tape Loc	206665	50	7	29.5	1.65	1.26	4.41	1.25	

Testa Roja Valves

VALVES

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



13 mm D-Barb



3/4" MPT
x
13 mm D-Barb



"Flex Connect" Lay-Flat Adaptor
x
7/8" Tape Loc

Testa Roja, Valves QA Connection Type		PACKAGING								Material
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Valves				
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
					inches				ounces	
	1/2" MPT x 5/8" Tape Loc	206735	50	7	24.5	1.65	1.26	4.49	1.02	U.V. Stabilized
	1/2" MPT x 7/8" Tape Loc	207155	50	6	26.9	1.65	1.26	4.65	1.32	
	3/4" MPT x 5/8" Tape Loc	206685	50	6	23.8	1.65	1.26	4.53	1.16	
	3/4" MPT x 7/8" Tape Loc	206985	50	5	18.3	1.65	1.26	4.67	1.04	
	Take-Off, For PVC Pipe x 5/8" Tape Loc (Gasket Not Included)	206745	50	7	22.5	1.65	1.26	4.53	0.93	
	Take-Off, For PVC Pipe x 7/8" Tape Loc (Gasket Not Included)	206675	50	6	25.6	1.65	1.26	4.72	1.25	
	"Flex Connect" with Lay-Flat Adaptor x 5/8" Tape Loc	206755	50	5	23.1	1.65	1.26	4.92	1.35	
	"Flex Connect" with Lay-Flat Adaptor x 7/8" Tape Loc	206795	50	4	24.0	1.65	1.26	5.12	1.75	
	"Flex Connect" without Lay-Flat Adaptor x 5/8" Tape Loc	206645	50	5	17.4	1.65	1.26	3.14	1.01	
	"Flex Connect" without Lay-Flat Adaptor x 7/8" Tape Loc	206975	50	4	16.8	1.67	1.26	4.55	1.19	

Thread, D-Barb and Tape



"Flex Connect" Lay-Flat Connector x 5/8" Tape "Fast" Loc



5/8" Tape Loc Coupling



3/4" Barb



7/8" Tape Loc Coupling

Testa Roja, Valves QA Connection Type		PACKAGING								Material
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Valves				
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
						inches			ounces	
	1/2" MPT	206765	50	8	24.0	1.65	1.26	3.86	0.92	U.V. Stabilized
	3/4" MPT	206775	50	7	24.3	1.65	1.26	3.90	1.01	
	13 mm D-Barb (.490 - .550 tube I.D.)	206885	50	10	25.6	1.65	1.26	3.50	0.73	
	17 mm D-Barb (.660 - .675 tube I.D.)	206895	50	10	25.6	1.65	1.26	3.46	0.74	
	1/2" FPT x 13 mm D-Barb (.490 - .550 tube I.D.)	211055	50	9	23.2	1.65	1.26	3.66	0.97	
	3/4" FPT x 17 mm D-Barb (.660 - .675 tube I.D.)	211065	50	8	20.2	1.65	1.26	3.66	0.97	
	1/2" MPT x 13 mm D-Barb (.490 - .550 tube I.D.)	206905	50	9	25.6	1.65	1.26	3.66	0.83	
	3/4" MPT x 13 mm D-Barb (.490 - .550 tube I.D.)	206915	50	8	25.6	1.65	1.26	3.66	0.93	
	5/8" Tape Loc Coupling	203375	50	6	24.0	1.73	1.26	5.04	1.17	
	7/8" Tape Loc Coupling	203385	50	4	20.5	1.85	1.30	5.43	1.69	
	400 Series Barb x 5/8" Tape Loc	211145	50	8	33.0	1.73	1.26	4.30	1.11	
	400 Series Barb x 7/8" Tape Loc	211155	50	6	30.3	1.85	1.30	4.45	1.38	
	5/8" Tape "Fast" Loc	206995	50	6	20.5	1.73	1.26	5.00	0.97	
	7/8" Tape "Fast" Loc	211005	50	4	9.2	1.85	1.26	5.12	1.36	
	Take-Off with Gasket, For PE Pipe x 5/8" Tape "Fast" Loc	207495	50	7	22.5	1.69	1.26	4.17	1.27	
	Take-Off with Gasket, For PE Pipe x 7/8" Tape "Fast" Loc	207505	50	7	26.5	1.81	1.26	4.25	1.11	
	"Flex Connect" with Lay-Flat Connector x 5/8" Tape "Fast" Loc	207515	50	5	22.5	1.77	1.26	4.80	1.31	
	"Flex Connect" with Lay-Flat Connector x 7/8" Tape "Fast" Loc	207525	50	4	20.7	1.81	1.26	4.88	1.49	

Testa Roja Valves

VALVES

Thread, D-Barb and "Fast" Loc



1" Body, 1" D-Barb



3/4" FPT
x
5/8" Tape "Fast" Loc



3/4" Barb



1" Body, 1" FPT
(Rotating)

Testa Roja, Valves QA Connection Type		PACKAGING								Material
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Valves				
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
						inches			ounces	
	"Flex Connect" without Lay-Flat Connector x 5/8" Tape "Fast" Loc	211305	50	6	18.5	1.77	1.26	4.37	0.87	U.V. Stabilized
	"Flex Connect" without Lay-Flat Connector x 7/8" Tape "Fast" Loc	211315	50	5	18.6	1.81	1.26	4.45	1.05	
	3/4" Female (Spinning Nut) x Ø16 Tape "Fast" Loc	207535	50	6	22.7	1.89	1.26	4.60	1.09	
	3/4" Female (Spinning Nut) x Ø22 Tape "Fast" Loc	207545	50	5	22.0	1.89	1.26	4.69	1.28	
	1/2" NPT/M x Ø16 Tape "Fast" Loc	211285	50	7	23.6	1.69	1.26	4.41	0.98	
	1/2" NPT/M x Ø22 Tape "Fast" Loc	211295	50	6	23.4	1.81	1.26	4.49	1.13	
	3/4" Body, 3/4" Barb (.795 - .820 tube I.D.)	206225	50	4	19.7	2.17	1.73	3.94	1.48	
	1" Body, 1" D-Barb (1.000 - 1.0250 tube I.D.)	208732	10	8	20.9	3.11	2.36	5.71	3.77	
	1" Body, 1" MPT x 1" D-Barb (1.000 - 1.0250 tube I.D.)	208752	10	8	22.0	3.11	2.36	5.67	4.00	
	1" Body, 1" MPT	208772	10	8	23.6	3.11	2.36	6.02	4.29	
	1" Body, 1" FPT (Rotating) x 1" D-Barb (1.000 - 1.0250 tube I.D.)	208792	10	6	18.3	3.11	2.36	5.79	4.36	
	1" Body, 1" FPT (Rotating) x 1" MPT	210202	10	6	19.2	3.11	2.36	5.95	4.60	
	1" Body, 1" FPT (Rotating)	208812	10	6	19.4	3.11	2.36	5.87	4.72	

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 color 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 color 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:
 - 14.5 psi (**Red**)
 - 26 psi (**Black**)
 - 36 psi (**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



Y-Filter / Pressure Reducer and Y-Filter
3/4" MPT (Inlet & Outlet)
26 psi (Black)



Y-Filter / Pressure Reducer & Y-Filter
3/4" FPT (Inlet)
3/4" MPT (Outlet)
36 psi (Green)



Y-Filter / Pressure Reducer & Y-Filter
3/4" NHR/F (Inlet)
3/4" NHR/M (Outlet)
(National Hose Thread)
14.5 psi (Red)



In-line Pressure Reducer
3/4" FPT (Inlet)
x
3/4" MPT (Outlet)
36 psi (Green)

Filters and Pressure Reducers													
PACKAGING													
		Y-Filter with Pressure Reducer			Y-Filter with Pressure Reducer			Y-Filter with Pressure Reducer (National Hose Thread)			In-Line Pressure Reducer		
		14.5 psi	26 psi	36 psi	14.5 psi	26 psi	36 psi	14.5 psi	26 psi	36 psi	14.5 psi	26 psi	36 psi
Order Codes	Packs	210428	208218	210438	210448	208228	210458	210488	209458	210498	210463	208233	210473
	Bulk	021042	020821	021043	021044	020822	021045	021048	020945	021049	021046	020823	021047
Quantity per Bag	Packs	1			1			1			20		
	Bulk	80			80			80			500		
Bags per Carton	Packs	60			60			60			25		
	Bulk	1			1			1			1		
Weight per Carton (lbs)	Packs	19.8			20.0			20.0			42.0		
	Bulk	23.3			23.5			23.5			41.3		
Inlet Connection		3/4" MPT			3/4" FPT			3/4" NHR/F			3/4" FPT		
Outlet Connection		3/4" MPT			3/4" MPT			3/4" NHR/M			3/4" MPT		
Dimensions Assembled	Height	6"			6"			6"			3.3"		
	Width	4.3"			4.4"			4.4"			1.3"		
	Depth	2"			2"			2"			1.3"		
Weight		4.2 oz	3.9 oz		4.3 oz	3.9 oz		4.3 oz	3.9 oz		1.25 oz		
Material		U.V. Stabilized											

Barb and Thread Connections

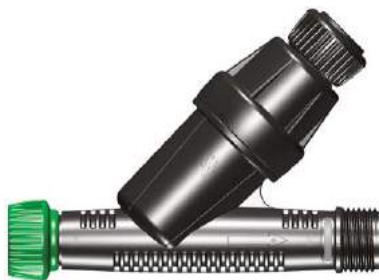
FEATURES and BENEFITS

- Easy to install Y-Filters with 3/4" threaded connections and In-Line Filters with thread and barb connections
- One Y-Filter with 3/4" MPT (Inlet & Outlet).
- One Y-Filter with 3/4" FPT (Inlet) and 3/4" MPT (Outlet).
- One Y-Filter with 3/4" NHR/F (Inlet) and 3/4" NHR/M (Outlet). (**National Hose Thread**)
- Nine In-Line Filters are available:
Four In-Line Filters with 1/2", 14 mm, 5/8" and 3/4" Barb connection (Inlet & Outlet).
One In-Line Filter with 3/4" FPT (Inlet) and 3/4" MPT (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 rotate independently from the body.



APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens



Y-Filter
3/4" NHR/F (Inlet)
x
3/4" NHR/M (Outlet)
(National Hose Thread)



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



In-Line Filter
1/2" Barb (Inlet & outlet)



In-Line Filter
3/4" FPT (Inlet)
x
1/2" Barb (Outlet)

Filters and Pressure Reducers

PACKAGING													
	Y- Filters			Y- Filter (National Hose Thread)	In-line Filters Barbed (Inlet-Outlet)				In-line Filters 3/4" FPT (Inlet) x Barb (Outlet)				In-line Filter FPT (Inlet) MPT (Outlet)
					1/2"	14 mm	5/8"	3/4"	1/2"	14 mm	5/8"	3/4"	
Order Codes	Packs	208718	208728	209468	208284	209404	208824	208834	208324	209414	208844	208854	209574
	Bulk	020871	020872	020946	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	200
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 (lbs)	Packs	18.4	18.6		26.0	26.8	26.8	25.2	24.9	25.6	25.4	20.9	25.8
	Bulk	21.4	21.6		29.8	30.6	26.5	24.9	24.9	25.4	25.2	20.8	25.7
Inlet Connection		3/4" MPT	3/4" FPT	3/4" NHR/F	1/2" Barb	14 mm Barb	5/8" Barb	3/4" Barb	3/4" FPT				
Outlet Connection		3/4" MPT	3/4" MPT	3/4" NHR/M	.490 - .515 tube I.D.	.540 - .560 tube I.D.	.620 - .645 tube I.D.	.795 - .820 tube I.D.	1/2" Barb .490 - .515 tube I.D.	14 mm Barb .540 - .560 tube I.D.	5/8" Barb .620 - .645 tube I.D.	3/4" Barb .795 - .820 tube I.D.	3/4" MPT
Dimensions Assembled	Height	6"	6"		5.2"				5.2"				4.6"
	Width	4.3"	4.4"		1.3"								
	Depth	2"	2"		1.3"								
	Weight	3.9 oz	3.9 oz		1.26 oz	1.30 oz	1.30 oz	1.46 oz	1.45 oz	1.49 oz	1.48 oz	1.49 oz	1.45 oz
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, 8" and 12". **(Registered Design)**
- Suitable for use with 0.3" O.D. Rigid Risers or Flexible Vinyl Offtake Tube.
- Five Ultra™ Stake Assemblies:
 - 8" Stake with 8" Rigid Riser Tube and 0.18" Barbed Adaptor
 - 12" Stake with 12" Rigid Riser Tube and 0.18" Barbed Adaptor
 - 12" Stake with 20" Flexible Vinyl Offtake Tube and 0.18" Barbed Adaptor
 - 8" Stake & 12" Stake with Micro Adaptor for direct connection of 10-32 UNF Male Threaded Bases or "Fast Thread" Bases, 20" Flexible Vinyl Offtake Tube and 4.5 mm Barbed Adaptor
- Slim Line
- The Ground Hook is suitable for main supply lines from 0.6" O.D. to 0.8" 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

		Stakes								
PACKAGING		ULTRA™ STAKES							GROUND HOOK	
		8" Stake	12" Stake	8" Stake Micro Adaptor 20" FPVC	12" Stake Micro Adaptor 20" FPVC	8" Stake with 8" Rigid Riser	12" Stake with 12" Rigid Riser	12" Stake with 20" Flex. Tube	5/8" O.D. to 3/4" O.D.	
Color		Black							Brown	Black
Order Codes	Packs	100474	100464	205692	205702	201284	201274	202652	103943	101743
	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	45	30	24	18	30	40	
	Bulk	1	1	1	1	1	1	1	1	
Weight per Carton (lbs)	Packs	23.6	22.7	32.6	26.0	25.6	27.6	30.4	17.9	
	Bulk	23.4	22.7	31.1	25.1	25.6	27.6	30.2	17.5	
Dimensions	Height	8"	12"	8"	12"	8"	12"	12"	6"	
	Width	0.7"	0.7"	0.7"	0.7"	0.7"	0.7"	0.7"	1.4"	
	Depth	0.6"	0.6"	0.6"	0.6"	0.6"	0.6"	0.6"	0.7"	
	Weight	0.45 oz	0.66 oz	1.03 oz	1.23 oz	0.62 oz	0.90 oz	1.50 oz	0.41 oz	
Material		U.V. Stabilized								

Fittings

FITTINGS

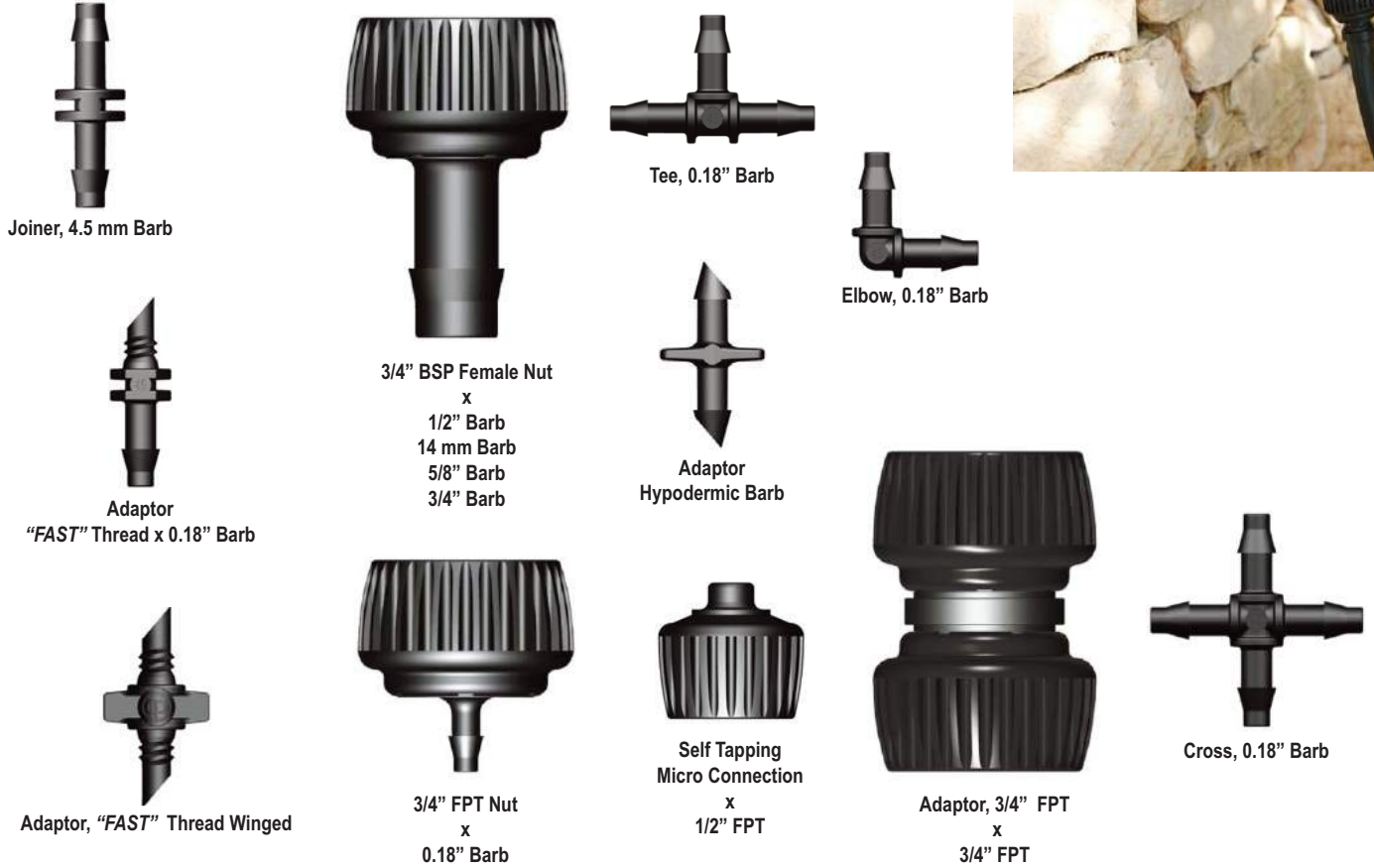
Micro Fittings, Adaptors, Nut and Tails

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" FPT 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.



Micro Fittings and Adaptors

PACKAGING		ELBOW	TEE	CROSS	COUPLING	ADAPTORS					NUT & TAILS				
		0.18" Barb (for 1/4" tube)				"FAST" Thread x 0.18" Barb	Hypodermic 0.18" Barb	"FAST" Thread Winged	Micro x 1/2" FPT	3/4" FPT x 3/4" FPT (Rotating Nut)	3/4" FPT Nut with Washer x Barbed Tail				
		0.18" Barb	1/2" Barb	14 mm Barb	5/8" Barb	3/4" Barb	0.18" Barb	1/2" Barb	14 mm Barb	5/8" Barb	3/4" Barb	0.18" Barb	1/2" Barb	14 mm Barb	5/8" 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	
Weight per Carton (lbs)	Packs	30.9	27.6	33.1	32.2	31.5	31.3	33.1	19.4	23.6	24.6	25.4	20.9	20.3	26.0
	Bulk	40.1	34.6	28.9	35.7	32.4	36.2	34.0	23.1	23.4	25.9	22.7	23.2	20.5	26.7
Dimensions of Fittings and Adaptors	Height	0.75"	1.18"	1.18"	1.14"	1.06"	1.06"	1.06"	0.98"	2.0"	1.32"	1.93"	1.9"	1.9"	1.9"
	Width	0.75"	0.75"	1.18"	0.39"	0.31"	0.63"	0.55"	1.06"	1.3"	1.32"	1.32"	1.32"	1.32"	1.32"
	Depth	0.29"	0.29"	0.29"	0.39"	0.31"	0.28"	0.30"	1.06"	1.3"	1.32"	1.32"	1.32"	1.32"	1.32"
	Weight	0.02 oz	0.03 oz	0.04 oz	0.02 oz	0.02 oz	0.02 oz	0.02 oz	0.13 oz	0.25 oz	0.25 oz	0.42 oz	0.34 oz	0.35 oz	0.47 oz
Material	U.V. Stabilized														

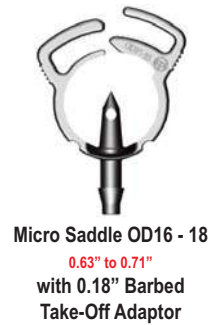
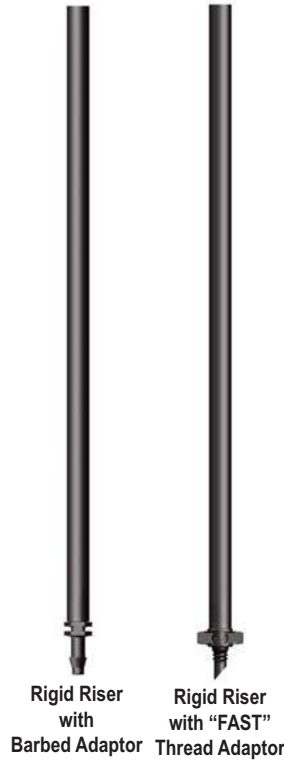
Rigid Risers, Ratchet Clamps, Repair Plugs, Micro Saddle and Accessories

FEATURES and BENEFITS

- Risers used to raise emitters above plant foliage.
- Rigid Risers available in three lengths, 8", 12" and 18" with barbed connection or "FAST" thread connection.
- The Micro Saddle provides secure, leak free attachment to LDPE tube. **(Patented)**
No tools required. Self Piercing for rapid installation.
The 0.18" 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 with the installation and removal of micro fittings and sprays.

APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens.



Rigid Risers, Ratchet Clamps, Repair Plugs and Accessories														
PACKAGING		RIGID RISERS with BARBED ADAPTORS			RIGID RISERS with "FAST" THREAD ADAPTORS			RATCHET CLAMPS		MICRO SADDLE	REPAIR PLUGS	1/2" Blank Nut with Washer	3/4" Blank Nut with Washer	UNIVERSAL KEY PUNCH
		8"	12"	18"	8"	12"	18"	OD16 -18 tube 0.63" to 0.71"	OD19 - 21 tube 0.75" to 0.83"	OD16 -18 with 0.18" Barbed Take-Off Adaptor	0.18" Barb	1/2" Female Thread	3/4" Female Thread	
Order Codes	Packs	200806	200816	200826	200836	200846	200856	101336	101356	104536	100802	204514	201694	101934
	Bulk	020080	020081	020082	020083	020084	020085	010133	010135	010453	010080	020451	020169	010193
Quantity per Bag	Packs	100	100	100	100	100	100	100	100	100	10	25	25	25
	Bulk	2300	1800	1100	2300	1800	1100	1000	1000	1000	500	500	1250	500
Bags per Carton	Packs	23	18	11	23	18	11	65	50	40	200	90	50	100
	Bulk	1	1	1	1	1	1	6	5	4	5	5	1	6
Weight per Carton (lbs)	Packs	26.7	30.0	26.9	26.7	30.1	26.9	30.9	31.3	25.4	18.1	24.7	18.5	24.9
	Bulk	26.5	29.5	26.7	26.5	29.5	26.7	28.2	30.8	24.9	18.7	24.5	17.0	28.5
Dimensions of Fittings	Height	8.5"	12.4"	17.9"	8.5"	12.5"	18.4"	1.3"	1.4"	1.7"	1.9"	0.8"	0.8"	2.2"
	Width	0.30"	0.3"	0.3"	0.6"	0.6"	0.6"	1.2"	1.4"	1.2"	1.1"	1.1"	1.3"	1.1"
	Depth	0.30"	0.3"	0.3"	0.3"	0.3"	0.3"	0.2"	0.3"	0.9"	0.3"	1.1"	1.3"	0.5"
	Weight	0.17 oz	0.24 oz	0.36 oz	0.17 oz	0.24 oz	0.36 oz	0.07 oz	0.1 oz	0.12 oz	0.11 oz	0.14 oz	0.19 oz	0.14 oz
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 45 psi



Double Barbed 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" MPT	17 mm D-Barb x 3/4" MPT	17 mm D-Barb	17 mm D-Barb	17 mm D-Barb	17 mm D-Barb x 1/2" MPT	17 mm D-Barb x 3/4" MPT	17 mm D-Barb x 1/2" MPT	17 mm D-Barb x 3/4" MPT	17 mm D-Barb	3/4" FPT 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	1750	1450	1100	975	2500	750
Bags per Carton	Packs	85	65	45	72	45	28	66	54	40	35	96	30
	Bulk	1	1	1	1	1	1	1	1	1	1	1	1
Weight per Carton (lbs)	Packs	27.3	30.6	28.9	26.7	22.3	18.3	30.6	31.5	23.2	24.5	21.2	19.2
	Bulk	26.5	31.5	31.3	26.9	24.0	19.6	30.2	32.0	24.0	25.8	18.7	18.3
Dimensions of Fittings	Height	2.09"	1.89"	1.89"	1.65"	2.64"	2.64"	1.77"	1.89"	2.64"	2.64"	1.22"	1.9"
	Width	0.67"	1.0"	1.22"	1.65"	1.65"	2.64"	1.69"	1.69"	1.69"	1.69"	0.67"	1.3"
	Depth	0.67"	0.87"	1.06"	0.67"	0.67"	0.67"	0.87"	1.10"	0.87"	1.10"	0.67"	1.3"
	Weight	0.17 oz	0.26 oz	0.36 oz	5.6 oz	0.20 oz	0.35 oz	0.26 oz	0.33 oz	0.32 oz	0.39 oz	0.11 oz	0.31 oz
Material		U.V. Stabilized											

FITTINGS

Tape Adaptors & Accessories

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



13 mm D-Barb
x
5/8" Tape Loc

"Flex Connect"
with
Lay-Flat Adaptor x 5/8"
Tape Loc



Take-Off with Gasket, For PE
Pipe x 5/8" Tape Loc

"Flex Connect"
without
Lay-Flat Adaptor x 5/8"
Tape Loc

Tape Loc Fittings Connection Type		PACKAGING								Material
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Adaptors				
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
						inches			ounces	
	13 mm D-Barb (.490 - .550 tube I.D.) x 5/8" Tape Loc	207025	50	16	TBA	1.02	1.06	2.86	0.30	U.V. Stabilized
	13 mm D-Barb (.490 - .550 tube I.D.) x 7/8" Tape Loc	207085	50	10	TBA	1.77	1.30	2.99	0.58	
	17 mm D-Barb (.660 - .675 tube I.D.) x 7/8" Tape Loc	207095	50	10	TBA	1.77	1.30	2.99	0.59	
	Take-Off, For 15 mm Hole Gasket x 5/8" Tape Loc (Includes Gasket)	207035	50	12	TBA	1.46	1.06	2.33	0.29	
	Take-Off, For 15 mm Hole Gasket x 7/8" Tape Loc (Includes Gasket)	207045	50	12	11.9	1.46	1.06	2.52	0.3	
	Take-Off with Gasket, For PE Pipe x 5/8" Tape Loc	207055	50	16	21.6	1.46	1.06	2.49	0.36	
	Take-Off with Gasket, For PE Pipe x 7/8" Tape Loc	207105	50	12	32.8	1.77	1.30	2.57	0.83	
	"Flex Connect" with Lay-Flat Adaptor x 5/8" Tape Loc	207065	50	10	20.7	2.08	1.38	2.57	0.83	
	"Flex Connect" with Lay-Flat Adaptor x 7/8" Tape Loc	207125	50	7	24.7	2.08	1.38	2.57	0.83	
	"Flex Connect" without Lay-Flat Adaptor x 5/8" Tape Loc	202925	50	10	17.2	1.43	1.11	2.76	0.49	
	"Flex Connect" without Lay-Flat Adaptor x 7/8" Tape Loc	203045	50	7	17.2	1.75	1.24	2.76	0.71	

Lay-Flat & Tape Connections



1/2" MPT x 5/8" Tape Loc



400 Series Barb
x
5/8" Tape Loc



End Plug x 5/8" Tape Loc



5/8" Tape
Loc Coupling

Tape Loc Fittings Connection Type		PACKAGING								Material
		Order Codes	Quantity per Bag	Bags per Carton	Weight per Carton (lbs)	Dimensions of Assembled Adaptors				
		Packs	Packs	Packs	Packs	Height	Width	Length	Weight	
						inches			ounces	
	5/8" Tape Loc Coupling	207075	50	10	16.8	1.06	1.06	3.19	0.46	U.V. Stabilized
	7/8" Tape Loc Coupling	207115	50	7	TBA	1.30	1.30	3.19	0.91	
	End Plug 5/8" Tape Loc	210695	50	16	18.6	36	27	68.7	0.32	
	End Plug 7/8" Tape Loc	210705	50	10	19.6	45	33	70.5	0.55	
	1/2" MPT x 5/8" Tape Loc	210715	50	16	19.2	36	27	65.2	0.31	
	1/2" MPT x 7/8" Tape Loc	210725	50	10	25.4	45	33	67	0.56	
	400 Series Barb x 5/8" Tape Loc	211125	50	12	33.7	36	27	65.2	1.11	
	400 Series Barb x 7/8" Tape Loc	211135	50	10	32.5	45	33	67	1.38	
	13 mm D-Barb x Take-Off for 16 mm Hole Gasket (Includes Gasket)	207145	50	20	TBA	0.79	0.79	2.08	0.18	
	Top Hat Gasket Hole 15	105445	50	80	21.4	0.79	0.79	0.67	0.06	
	Top Hat Gasket Hole 16	105055	50	80	TBA	0.91	0.91	0.71	0.07	
	Double Flange Gasket Hole 16	105425	50	80	TBA	0.94	0.94	0.50	0.07	

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

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.



Installation Tool with wrench attachment in the head



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				
		Order Codes		Quantity per Bag		Bags per Carton		Weight per Carton (kg)			Dimensions of Accessories			
		Packs	Packs	Packs	Packs	Packs	Packs	Height	Width		Length	Weight		
								inches		ounces				
	Lay-Flat Adaptor, Eye Connection with Lay-Flat Lock Nut	205515	50	50	50	45.4	1.10	1.10	0.9	0.3	U.V. Stabilized			
	Sealing Nut for Eye Connection	107785	50	75	39.5	1.10	1.10	0.32	0.10					
	Installation Tool for Lay-Flat Branches	105432	10	10	11.4	2.44	0.79	5.60	1.59					
	Lay-Flat Hose Punch	207138	1	40	18.7	6.10	1.46	6.30	6.72					

Accessories & Adaptors		PACKAGING												Material
		Order Codes		Quantity per Bag		Bags per Carton		Weight per Carton (lbs)		Dimensions of Accessories				
		Packs	Bulk	Packs	Bulk	Packs	Bulk	Packs	Bulk	Length	Width	Depth	Weight	
										inches		ounces		
	Counter Weight	106624	010662	25	250	10	1	23.6	23.4	3.74	1.14	1.14	1.36	U.V. Stabilized
	Adaptor, 0.18" Barb x 0.18" Barb / 10-32 UNF Thread	106616	010661	100	1000	200	22	37.3	33.5	1.28	0.63	0.63	0.20	

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 every day in drip watering systems.
- Easy assembly in 6 steps.
- Adjustable drippers from 0 - 1.6 gph
- Drippers may be turned off.
- Drippers may be opened for cleaning.
- The system may be used with automatic timers.

APPLICATIONS

- Patios, green houses and vegetable gardens.





PATIO KIT CONTENTS

- 1 x 3/4" FPT x 3/4" MPT Pressure Reducer, 20 psi (1.5 Bar)
- 12 x Delta Drip Spike, Adjustable 0 -1.6 gph, End-Line, 0.18" Barb
- 10 x Goof Plug
- 14 x Tee, 0.18" Barb
- 1 x 3/4" Female Nut x 0.18" Tail
- 2 x Elbow, 0.18" Barb
- 66 ft x Micro Tubing (0.16" I.D. x 0.28" O.D.)

VEGETABLE KIT CONTENTS

- 1 x 3/4" FPT x 3/4" MPT Pressure Reducer, 20 psi (1.5 Bar)
- 20 x Delta Drip Spike, Adjustable 0 -1.6 gph, In-Line, 0.18" Barb
- 10 x Goof Plug
- 6 x Tee, 0.18" Barb
- 1 x 3/4" Female Nut x 0.18" Tail
- 2 x Elbow, 0.18" Barb
- 66 ft x Micro Tubing (0.16" I.D. x 0.28" 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	Height	7.3"	
	Width	11.2"	
	Depth	2.8"	
	Weight (lbs)	2.2	2.3



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 45 psi 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.



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Landscape & Agriculture
2020

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