



Ottima™ 360°

Adjustable 8 Stream Drippers

FEATURES and BENEFITS

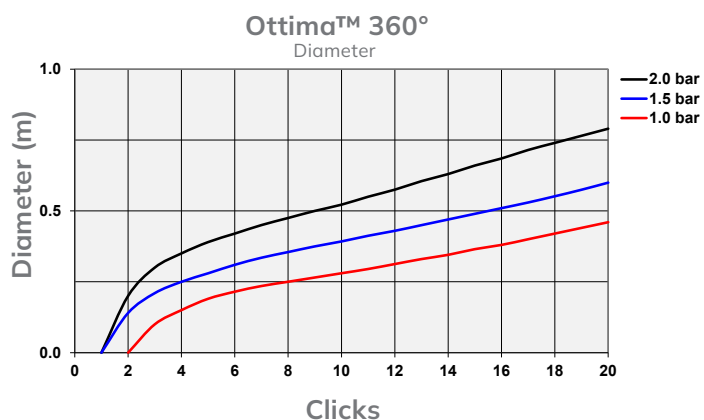
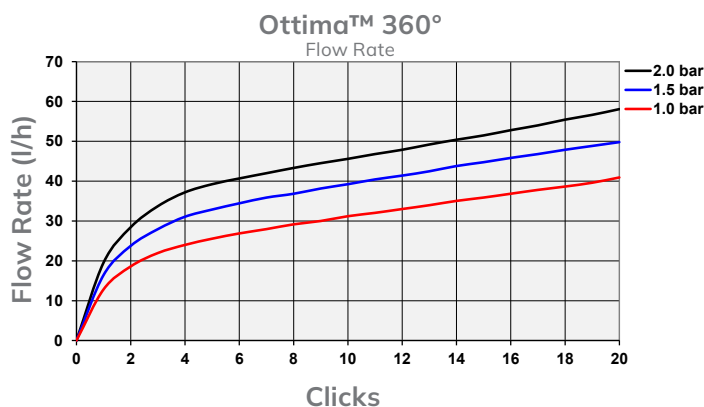
- Rotation of the Ottima™ 360° cap allows simultaneous adjustment of flow rate and diameter of throw. Easy to increase or decrease the stream pattern.
- Gives a greater control of flow rate and diameter of throw compared to fixed flow emitters.
- Quick ON-OFF action.
- Four base options available, 4.5 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	FLOW	DIAMETER OF THROW
		(bar)	(l/h)	(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°						
PACKAGING						
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

Ottima™ 180°

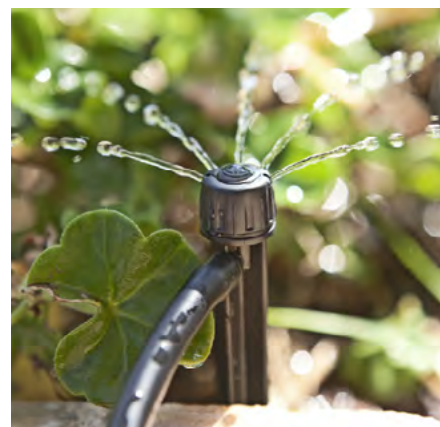
Adjustable 5 Stream Drippers

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.

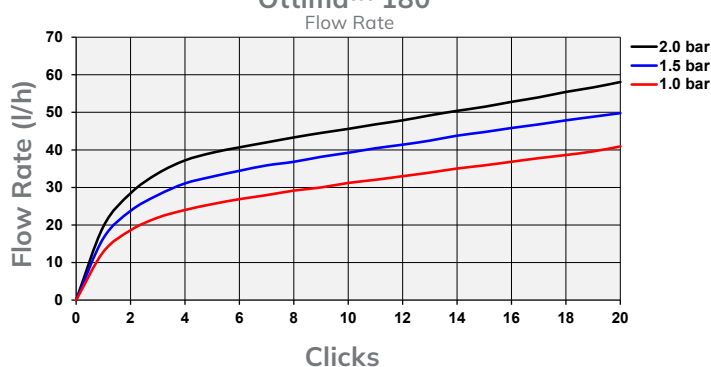
APPLICATIONS

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

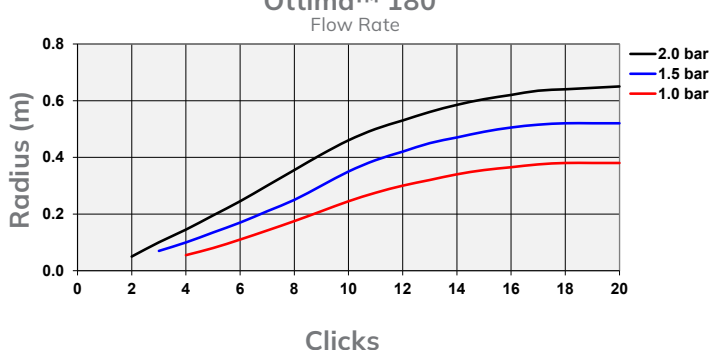


PERFORMANCE DATA				
DRIPPERS		PRESSURE	FLOW	RADIUS OF THROW
		(bar)	(l/h)	(m)
	Adjustable to Maximum (approx) 20 clicks	1.0	0 - 40	0 - 0.38
		1.5	0 - 50	0 - 0.52
		2.0	0 - 60	0 - 0.65
Tested 200 mm above Ground Level				
Recommended operating pressure 1.0 bar				

Ottima™ 180°



Ottima™ 180°



Ottima™ 180°
1/2" Female Thread



Ottima™ 180°
4.5 mm Barb



Ottima™ 180°
10-32 UNF Thread

Ottima™ 180°						
PACKAGING						
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				



Ottima™ 180°
In-Line Spike



Ottima™ 180°
Spike



Ottima™ Spike PC - 360° & 180°

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

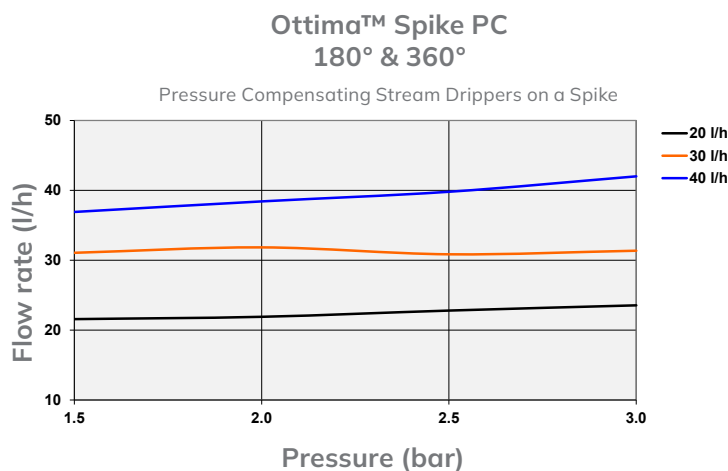
- Use for watering plants in small or large pots, garden beds and landscaped areas.



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 PREDEFINED 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	23.8	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					



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										
		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	20		38		27			38	
	Depth	17								
	Weight (g)	9.5								
Material		U.V. Stabilized								



Ottima™ Spike
360° 30 l/h
End-Line



Ottima™ Spike
180° 20 l/h
In-Line