

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.
- Six color coded Pressure Compensating Bases.
- Base color identifies the flow rate.
- Standard Bases and Pressure Compensating Bases may be combined with any Down Spray or Stream Jet.
- Assemblies made to order.

APPLICATIONS

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

FILTRATION REQUIREMENTS

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



Down Spray Standard

Down Spray PC 30 l/h



12 Stream Flat Jet PC

8 Stream Jet PC Inverted

DOWN SPRAYS & STREAM JETS														
		Standard Bases					Pressure Compensating Bases							
Base Colour		Black	Brown	Blue	Green	Red	Black	Orange	Blue	Violet	Green	Red		
Base Outlet Size (mm)		0.8	0.9	1.0	1.3	1.5	0.90	1.25	1.30	1.45	1.55	1.65		
Flow Rate							20 l/h	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h		
PACKAGING													SPRAY & JET PATTERNS	
Order Codes	Packs	204915	204925	204935	204945	204955	205844	205854	205864	205874	205884	205894		Down Spray 22°
	Bulk	020491	020492	020493	020494	020495	020584	020585	020586	020587	020588	020589		12 Stream Flat Jet
	Packs	205715	205725	205735	205745	205755	205764	205774	205784	205794	205804	205814		8 Stream Jet
	Bulk	020571	020572	020573	020574	020575	020576	020577	020578	020579	020580	020581		Down Spray 45°
	Packs	205155	205165	205175	205185	205195	205204	205214	205224	205234	205244	205254		
	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 (kg)	Packs	13.8					13.3							
	Bulk	13.1					12.8							
Base Inlet Connection		"FAST" Thread					10-32 UNF Thread							
Dimensions Assembled (mm)	Height	41					41							
	Width	33					33							
	Depth	12					12							
	Weight (g)	2.0					4.7							
Material		U.V. Stabilized												

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



8 Stream Jet Standard



8 Stream Jet PC Inverted



Down Spray PC 30 l/h

