

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 SPRAYS & STREAM JETS													
		Standard Bases					Pressure Compensating Bases						
Base Colour		Black	Brown	Blue	Green	Red	Black	Orange	Blue	Violet	Green	Red	
Base Outlet Size (mm)		0.8	0.9	1.0	1.3	1.5	0.90	1.25	1.30	1.45	1.55	1.65	
Flow Rate							20 l/h	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h	
PACKAGING													SPRAY & JET PATTERNS
Order Codes	Packs	204915	204925	204935	204945	204955	205844	205854	205864	205874	205884	205894	
	Bulk	020491	020492	020493	020494	020495	020584	020585	020586	020587	020588	020589	
	Packs	205715	205725	205735	205745	205755	205764	205774	205784	205794	205804	205814	
	Bulk	020571	020572	020573	020574	020575	020576	020577	020578	020579	020580	020581	
	Packs	205155	205165	205175	205185	205195	205204	205214	205224	205234	205244	205254	
	Bulk	020515	020516	020517	020518	020519	020520	020521	020522	020523	020524	020525	
	Packs	211745	211755	211765	211775	211785		211824	211834	211844	211854	211864	
Bulk	021174	021175	021176	021177	021178		021182	021183	021184	021185	021186		
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											

Down Sprays & Stream Jets

Shut-Off Adaptor Spray Assemblies



FEATURES and BENEFITS

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

APPLICATIONS

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

FILTRATION REQUIREMENTS

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



DOWN SPRAYS 45°												
Base Colour	Standard Bases					Pressure Compensating Bases					Flow Rate PC Bases	
	Black	Brown	Blue	Green	Red	Orange	Blue	Violet	Green	Red		
Base Outlet Size (mm)	0.8	0.9	1.0	1.3	1.5	1.25	1.30	1.45	1.55	1.65		
Nominal Flow Rate Standard at 1.5 bar (l/h)	28	38	47	74	101	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h		
PACKAGING											SPRAY PATTERN	
Order Codes	Packs	212644	212654	212664	212674	212684	202244	202254	202264	202274	202284	Down Spray
	Bulk	021264	021265	021266	021267	021268	020224	020225	020226	020227	020228	
Quantity per Bag	Packs	25										
	Bulk	TBA										
Bags per Carton	Packs	TBA										
	Bulk	TBA										
Weight per Carton (kg)	Packs	TBA										
	Bulk	TBA										
Base Inlet Connection	Barb 4.5 mm											
Dimensions Assembled (mm)	Height	331										
	Width	33										
	Depth	14										
	Weight (g)	30										
Material	U.V. Stabilized											

Down Sprays & Stream Jets

SPRAYS

Standard & Pressure Compensating Sprays



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

