

Down Sprays & Stream Jets

Standard & Pressure Compensating Sprays

FEATURES and BENEFITS

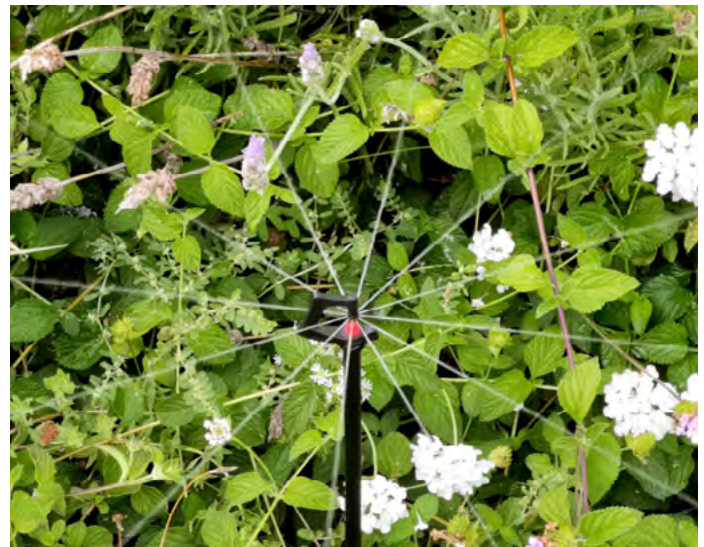
- The strong "C" frame design allows for excellent water distribution uniformity.
- Two base types are available: Standard Base and Pressure Compensating Base.
- Five color coded Standard Bases.
- Six color coded Pressure Compensating Bases.
- Base color identifies the flow rate.
- Standard Bases and 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
18°
Standard



Down Spray
45°
30 l/h



12 Stream Jet
Flat Trajectory
Adjustable



Down Spray
45°
Adjustable



12 Stream Jet
Flat Trajectory
PC



Inverted 8
Stream
Jet PC



Aquila™ Jet PC Spray Assemblies															
Colour Outlet Size (mm) Flow Rate		Standard Bases					Pressure Compensating Bases						Adjustable		
		Black	Brown	Blue	Green	Red	Black	Orange	Blue	Violet	Green	Red	Black		
		0.8	0.9	1.0	1.3	1.5	0.90	1.25	1.30	1.45	1.55	1.65	Adjustable to max.		
PACKAGING														Spray & Jet Patterns	
Order Codes	Packs	204915	204925	204935	204945	204955	205844	202814	202824	202834	202844	202854	202334	 Down Spray 45°  12 Stream Jet Flat Traj.  8 Stream Jet, 22° Traj.  Down Spray 45°	
	Bulk	020491	020492	020493	020494	020495	020584	020281	020282	020283	020284	020285	020233		
	Packs	205715	205725	205735	205745	205755	205764	205774	205784	205794	205804	205814	202364		
	Bulk	020571	020572	020573	020574	020575	020576	020577	020578	020579	020580	020581	020236		
	Packs	205155	205165	205175	205185	205195	205204	205214	205224	205234	205244	205254	202354		
	Bulk	020515	020516	020517	020518	020519	020520	020521	020522	020523	020524	020525	020235		
	Packs	211745	211755	211765	211775	211785		211824	211834	211844	211854	211864	202344		
	Bulk	021174	021175	021176	021177	021178		021182	021183	021184	021185	021186	020234		
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								11.6
	Bulk	13.1					12.8								11.0
Base Inlet Connection		"FAST" Thread					10-32 UNF Thread								
Dimen- sions Assembled (mm)	Height	41					41								52
	Width	33					33								33
	Depth	12					12								22
	Weight(g)	2.0					4.7							4.0	
Material		U.V. Stabilized													



Down Sprays & Stream Jets

Standard & Pressure Compensating Sprays



Down Spray
18°
Standard PC



Down Spray
18°
PC



12 Stream Jet
Flat Trajectory
PC



Inverted
8 Stream
Jet PC



Down Sprays & Stream Jets									
PERFORMANCE DATA				Spray Patterns					
									
Pattern Trajectory Frame Colour Height Tested				Down Spray	Down Spray	12 Stream Jet Flat Trajectory	8 Stream Jet	Inverted 8 Stream Jet	
				18°	45°	0°	22°	22°	
				Black	Green	Black	Black	Black	
				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 (l/h)	DIAMETER OF THROW (m)					
	BLACK	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	
		2.5	36	2.0	1.0	4.6	4.6	3.2	
	BROWN	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	
		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	
	BLUE	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	
		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	
	GREEN	0.5	42	2.0	1.0	4.2	6.8	3.4	
		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		
RED	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		
ADJUSTABLE	BLACK Adjustable to max. 1.5 mm	0.5	54	0 - 2.3	0 - 1.0	0 - 5.6	0 - 5.0		
		1.0	77	0 - 2.4	0 - 1.0	0 - 5.9	0 - 7.3		
		1.5	94	0 - 2.5	0 - 1.0	0 - 6.0	0 - 7.5		
		2.0	105	0 - 2.8	0 - 1.0	0 - 6.2	0 - 8.3		
		2.5	119	0 - 2.9	0 - 1.0	0 - 6.5	0 - 8.6		
Recommended Operating Pressure 1.5 bar									
PRESSURE COMPENSATING SPRAYS	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	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	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	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	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	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	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	
Tested 200 mm above Ground									



Inverted 8
Stream Jet
PC



Down Spray 45°
PC
30 l/h



Down Sprays & Stream Jets

Shut-Off Adaptor Spray Assemblies

NEW RANGE

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



Down Sprays 45°													
Base Colour Base Outlet Size (mm) Nominal Flow Rate Standard at 1.5 bar (l/h)		Standard Bases					Pressure Compensating Bases					Flow Rate PC Bases	
		Black	Brown	Blue	Green	Red	Orange	Blue	Violet	Green	Red		
		0.8	0.9	1.0	1.3	1.5	1.25	1.30	1.45	1.55	1.65		
		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 45°	
	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		4.5 mm Barb											
Dimensions Assembled (mm)	Height	331											
	Width	33											
	Depth	14											
	Weight (g)	30											
Material		U.V. Stabilized											

