



Aquila™ Jets

Micro Sprays

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.
- Five spray patterns available for the Aquila™ Jet Winged Bases.
- 90° Fan Spray - Cap colour - **Black**
- 180° Fan Spray - Cap colour - **Black** or **Blue**
- 180° Flat Trajectory Fan Spray - Cap colour - **Red**
- 360° x 18 Hole Stream Spray - Cap colour - **Black** or **Red**.
- Strip 20° x 2 - Cap colour - **Black**
- Eight colour coded bases with "FAST" thread for quick and easy installation. Base colour identifies flow rate.
- Aquila™ Jet Mini Vortex (the vortex action 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.



90°



180°



360° x 18 Hole



Strip 20° x 2



NEW RANGE



90°



180°



Aquila™ Jet Spray Assemblies														
PACKAGING		Mini Vortex	Micro Mist	Black	Brown	Blue	Green	Red	Orange	Grey	White			
												Cap Colours & Spray Patterns		
Order Codes	Packs			200406	200436	200466	200496	200526	200556	200586	200616	 90°		
	Bulk			020040	020043	020046	020049	020052	020055	020058	020061			
	Packs			200416	200446	200476	200506	200536	200566	200596	200626	 180°		
	Bulk			020041	020044	020047	020050	020053	020056	020059	020062			
	Packs			200426	200456	200486	200516	200546	200576	200606	200636	 360° x 18 Hole		
	Bulk			020042	020045	020048	020051	020054	020057	020060	020063			
	Packs			200646	200666	200686	200706	200726	200746	200766	200786	 180°		
	Bulk			020064	020066	020068	020070	020072	020074	020076	020078			
	Packs			200656	200676	200696	200716	200736	200756	200776	200796	 360° x 18 Hole		
	Bulk			020065	020067	020069	020071	020073	020075	020077	020079			
	Packs			204096	204106	204116	204126	204136	204146	204156	204166	 180° Flat Trajectory		
	Bulk			020409	020410	020411	020412	020413	020414	020415	020416			
	Packs			206806	206816	206826	206836	206846	206856	206866	206876	 Strip 20° x 2		
	Bulk			020680	020681	020682	020683	020684	020685	020686	020687			
	Packs			201466	205026									
	Bulk			020146	020502									
Quantity per Bag	Packs							100						
	Bulk							1000						
Bags per Carton	Packs							210						
	Bulk							22						
Weight per Carton (kg)	Packs							17.2						
	Bulk							17.1						
Base Inlet Connection		"FAST" Thread												
Dimensions Assembled (mm)	Height	26												
	Width	16.2												
	Depth	7.7												
	Weight (g)	0.72												
Material		U.V. Stabilized												

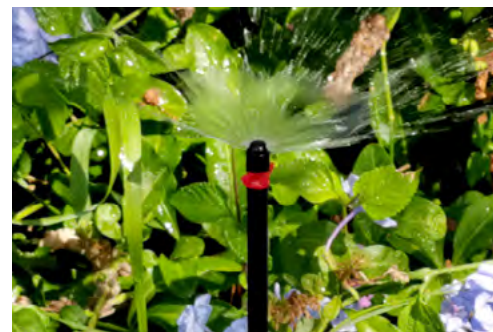
THE HEIGHT OF THE AQUILA™ JET SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED

Micro Sprays

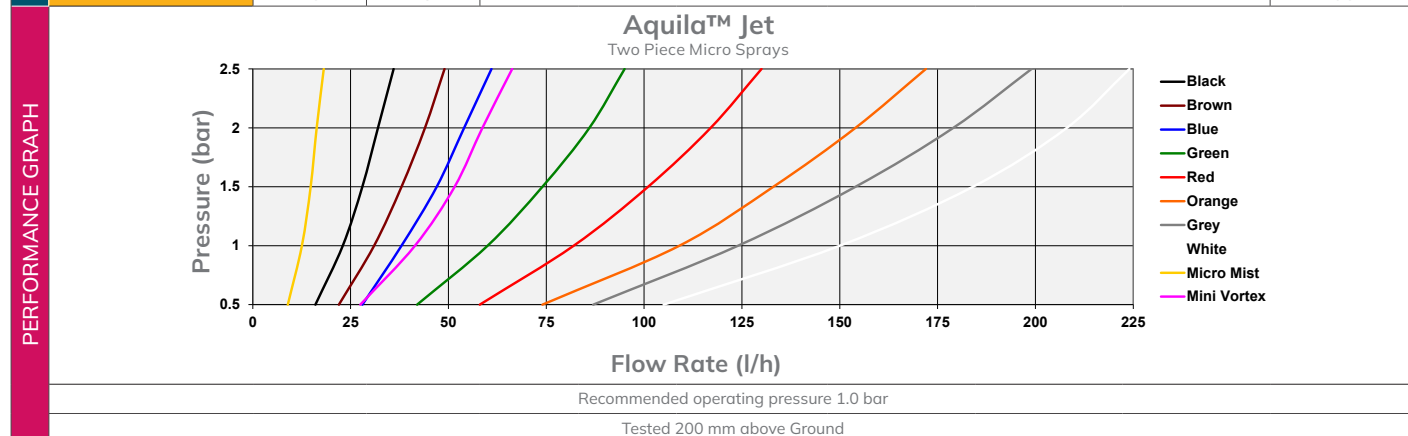
Optimum performance is achieved at low operating pressures as indicated in the table below by the blue shaded rows.

FILTRATION REQUIREMENTS

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



Aquila™ Jet Sprays									
PERFORMANCE DATA				Spray Patterns					
									
				90°	180°	180° Flat Trajectory	360° x 18 Hole	Strip 20° x 2	Micro Mist
MICRO SPRAYS	BASE COLOUR AND JET OUTLET SIZE	PRESSURE (bar)	FLOW (l/h)	RADIUS OF THROW (m)			DIAMETER OF THROW (m)		
	BLACK 0.8 mm	0.5	16	1.1	1.3	0.80	2.6	2.2	
		1.0	23	1.6	1.5	1.00	3.5	3.4	
		1.5	28	2.0	1.7	1.10	4.3	3.8	
		2.0	32	2.3	1.8	1.20	4.9	4.0	
	BROWN 0.9 mm	2.5	36	2.6	2.0	1.25	5.4	4.2	
		0.5	22	1.3	1.4	0.90	3.0	2.4	
		1.0	31	1.8	1.6	1.10	4.0	3.5	
		1.5	38	2.3	1.8	1.20	4.8	3.8	
	BLUE 1.0 mm	2.0	44	2.6	2.0	1.30	5.5	4.6	
		2.5	49	2.9	2.2	1.35	6.0	4.8	
		0.5	27	1.4	1.5	1.00	3.7	3.2	
		1.0	36	2.0	1.8	1.15	4.6	4.4	
	GREEN 1.3 mm	1.5	47	2.4	2.0	1.30	5.4	5.0	
		2.0	54	2.8	2.2	1.40	6.0	5.2	
		2.5	61	3.1	2.4	1.50	6.6	5.2	
		0.5	42	1.6	1.7	1.05	4.9	2.6	
	RED 1.5 mm	1.0	60	2.2	2.0	1.20	5.7	3.2	
		1.5	74	2.6	2.3	1.35	6.5	4.2	
		2.0	86	3.0	2.6	1.45	7.2	4.6	
		2.5	95	3.3	2.8	1.55	7.7	5.0	
	ORANGE 1.5 mm	0.5	58	1.7	1.9	1.15	5.1	2.1	
		1.0	82	2.3	2.3	1.30	6.0	2.6	
		1.5	101	2.7	2.7	1.40	6.7	3.4	
		2.0	117	3.1	3.0	1.50	7.4	4.2	
	GREY 2.0 mm	2.5	130	3.5	3.3	1.60	8.0	4.6	
		0.5	74	1.8	2.1	1.25	5.2	2.1	
		1.0	109	2.4	2.6	1.35	6.1	3.0	
		1.5	133	2.8	3.0	1.45	6.8	3.5	
	WHITE 2.3 mm	2.0	154	3.2	3.3	1.55	7.5	4.2	
		2.5	172	3.6	3.6	1.65	8.1	4.6	
		0.5	87	1.9	2.2	1.30	5.3	2.0	
		1.0	124	2.5	2.7	1.55	6.2	2.6	
	MINI VORTEX	1.5	154	3.0	3.1	1.75	6.9	3.3	
		2.0	179	3.4	3.5	1.90	7.6	4.1	
		2.5	199	3.7	3.8	2.10	8.2	4.4	
		0.5	105	2.0	2.3	1.35	5.4	1.6	
	MICRO MIST	1.0	150	3.6	2.8	1.70	6.3	2.1	
		1.5	184	3.1	3.2	2.05	7.0	2.6	
		2.0	208	3.5	3.6	2.30	7.7	3.4	
		2.5	224	3.8	3.9	2.50	8.3	4.0	
	MINI VORTEX	0.5	27					2.0	
		1.0	41					2.5	
		1.5	52					3.0	
		2.0	59					3.5	
	MICRO MIST	2.5	66					3.8	
		0.5	9						0.4
		1.0	13						0.5
		1.5	15						0.5
		2.0	16						0.5
		2.5	18						0.5





Aquila™ Jet PC

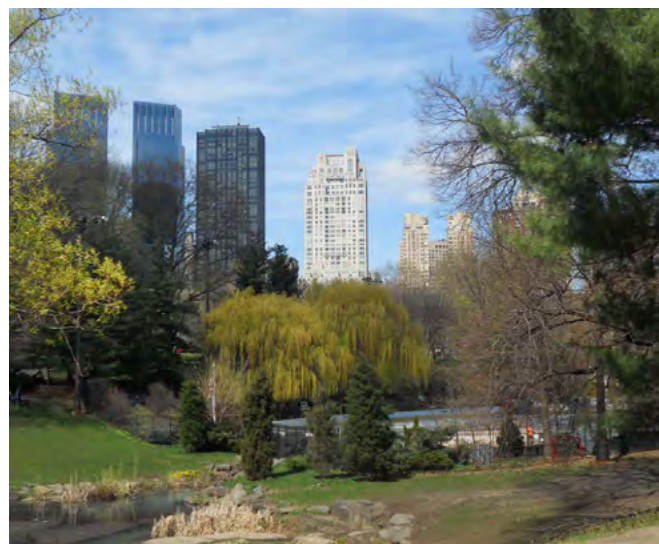
Pressure Compensating Sprays

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 1.5 bar and 3.0 bar.
- Six colour coded PC bases with pre-defined flow rates. Colour identifies flow rate. 20 l/h (**Black**), 30 l/h (**Orange**), 40 l/h (**Blue**) 50 l/h (**Violet**), 55 l/h (**Green**) and 80 l/h (**Red**)
- Four Spray Patterns available: 90° Fan Spray, Cap colour (**Black**) 180° Fan Spray, Cap colour (**Black & Blue**) 180° Flat Trajectory Fan Spray, Cap Colour (**Red**)) 360° x 18 Hole Spray, Cap colour (**Black & Red**)
- 10-32 UNF Thread connection.

APPLICATIONS

- Watering of landscaped areas and garden beds.



Aquila™ Jet PC Spray Assemblies								
		Colour Coded Bases						
Colour		Black	Orange	Blue	Violet	Green	Red	
Flow Rate		20 l/h	30 l/h	40 l/h	50 l/h	55 l/h	80 l/h	
Outlet Size (mm)		0.90	1.25	1.30	1.45	1.55	1.65	
PACKAGING								Cap Colours & 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						THE HEIGHT OF THE AQUILA™ JET PC SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED
	Bulk	1000						
Bags per Carton	Packs	100						
	Bulk	5						
Weight per Carton (kg)	Packs	19.0						
	Bulk	18.5						
Base Inlet Connection		10-32 UNF Thread						
Dimensions Assembled (mm)	Height	41						
	Width	18						
	Depth	17						
	Weight (g)	3.5						
Material		U.V. Stabilized						



180°



180°

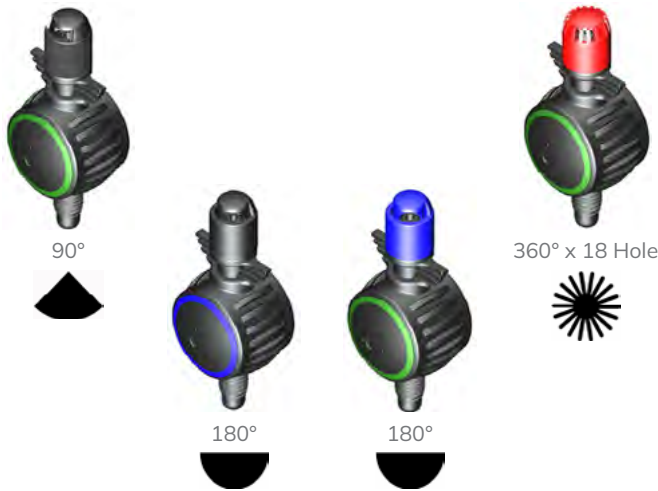
FILTRATION REQUIREMENTS

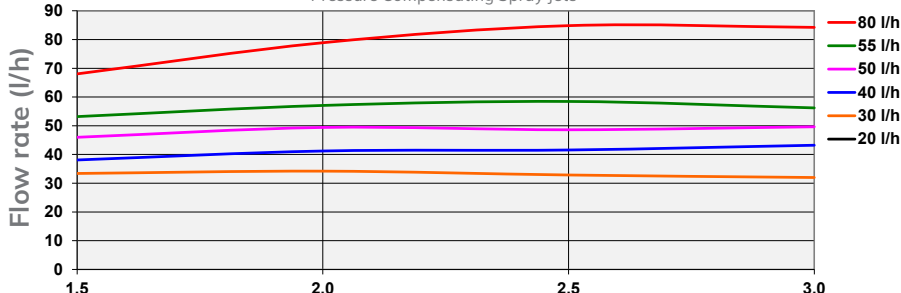
- **Black, Orange & Blue Spikes:** 130 microns (120 mesh)
- **Violet, Green & Red Spikes:** 200 microns (80 mesh)

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 Sprays							
PERFORMANCE DATA				Spray Patterns			
							
				90°	180°	180° Flat Trajectory	360° x 18 Hole
PRESSURE COMPENSATING SPRAYS	BASE COLOUR AND FLOW RATE	PRESSURE (bar)	FLOW (l/h)	RADIUS OF THROW (m)			DIAMETER OF THROW (m)
	BLACK 20 l/h	1.5	20.1	1.7	1.7	1.0	
		2.0	21.5	1.8	1.8	1.0	
		2.5	22.3	1.8	1.8	1.0	
		3.0	23.7	1.8	1.8	1.0	
	ORANGE 30 l/h	1.5	33.4	1.8	1.8	1.0	
		2.0	34.2	1.8	1.8	1.1	
		2.5	32.9	1.8	1.8	1.1	
	BLUE 40 l/h	3.0	32.0	1.8	1.8	1.1	
		1.5	38.1	1.8	1.8	1.1	3.6
		2.0	41.2	1.9	1.9	1.2	3.8
	VIOLET 50 l/h	2.5	41.6	1.9	1.9	1.2	3.8
		3.0	43.2	1.9	1.9	1.2	3.8
		1.5	46.0	1.9	1.9	1.2	3.8
	GREEN 55 l/h	2.0	49.4	1.9	2.0	1.2	4.0
		2.5	48.6	1.9	2.0	1.2	4.0
		3.0	49.6	1.9	2.0	1.2	4.0
	RED 80 l/h	1.5	53.2	2.0	2.0	1.2	4.2
		2.0	57.1	2.1	2.2	1.3	4.4
		2.5	58.4	2.2	2.2	1.3	4.4
		3.0	56.2	2.2	2.2	1.3	4.4
		1.5	68.0	2.5	2.2	1.3	5.4
		2.0	78.9	2.6	2.4	1.3	5.8
		2.5	84.8	2.8	2.5	1.3	6.0
		3.0	84.2	2.8	2.5	1.3	6.0
PERFORMANCE GRAPH	Aquila™ Jet PC Pressure Compensating Spray Jets						
							
	Recommended operating pressure 1.5 bar to 3.0 bar						
	Tested 200 mm above Ground						