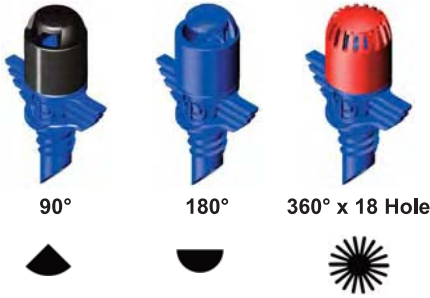


SPRAYS

Aquila™ Jets

Micro Sprays



OPERATION

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.

PRODUCT FEATURES

- Aquila™ Jet Mini Vortex (the vortex action distributes the water evenly).
- Aquila™ Jet Micro Mist (ideal for nurseries and cooling operations).
- Four 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**.
- Eight colour coded bases with **"FAST"** thread for quick and easy installation.

PRODUCT FEATURES

- Base colour identifies flow rate.
- Assemblies made to order.

GENERAL APPLICATIONS

- General watering of landscaped areas and garden beds.
- Ideal where fixed flow rates are required at specified operating pressures.

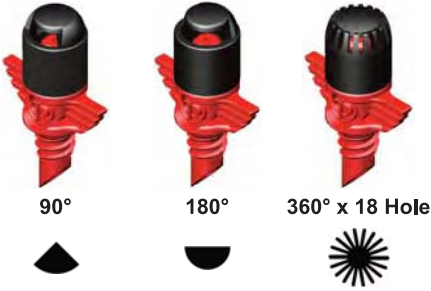


AQUILA™ JET SPRAY ASSEMBLIES													
PACKAGING		ASSEMBLED		AQUILA™ JET WINGED BASES WITH "FAST" THREAD								CAP COLOURS AND SPRAY PATTERNS	
		Mini Vortex	Micro Mist	Black	Brown	Blue	Green	Red	Orange	Grey	White		
ORDER CODES	PACKS			200406	200436	200466	200496	200526	200556	200586	200616		
	BULK			020040	020043	020046	020049	020052	020055	020058	020061	90°	
	PACKS			200416	200446	200476	200506	200536	200566	200596	200626		
	BULK			020041	020044	020047	020050	020053	020056	020059	020062	180°	
	PACKS			200426	200456	200486	200516	200546	200576	200606	200636		
	BULK			020042	020045	020048	020051	020054	020057	020060	020063	360° x 18 Hole	
	PACKS			200646	200666	200686	200706	200726	200746	200766	200786		
	BULK			020064	020066	020068	020070	020072	020074	020076	020078	180°	
	PACKS			200656	200676	200696	200716	200736	200756	200776	200796		
	BULK			020065	020067	020069	020071	020073	020075	020077	020079	360° x 18 Hole	
	PACKS			204096	204106	204116	204126	204136	204146	204156	204166		
	BULK			020409	020410	020411	020412	020413	020414	020415	020416	180°	
		PACKS	201466	205026									THE HEIGHT OF THE AQUILA™ JET SPRAYS MAY VARY SLIGHTLY DEPENDING ON BASE AND CAP SELECTED
		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 OF	HEIGHT											26 mm	
	WIDTH											16.2 mm	
AQUILA JETS ASSEMBLED	DEPTH											7.7 mm	
	WEIGHT											0.72 g	
MATERIAL UV STABILIZED												Acetal	

SPRAYS

Aquila™ Jets

Micro Sprays



OPERATION

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

FILTRATION REQUIREMENTS

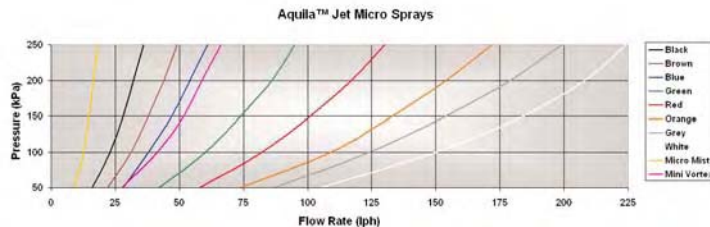
- **Black, Brown, Blue** and **Mist** Bases: 130 microns (120 mesh)
- **Green, Red, Orange, Grey, White** and **Vortex** Bases: 200 microns (80 mesh)



AQUILA™ JET SPRAYS

METRIC PERFORMANCE DATA			SPRAY PATTERNS						
BASE COLOUR AND JET OUTLET SIZE	PRESSURE (kPa)	FLOW RATE (lph)	RADIUS OF THROW (m)			DIAMETER OF THROW (m)			
			90°	180°	180° Flat Trajectory	360° x 18 Hole	Mini Vortex	Micro Mist	
MICRO SPRAYS	BLACK	50	16	1.1	1.3	0.80	2.6		
		100	23	1.6	1.5	1.00	3.5		
		150	28	2.0	1.7	1.10	4.3		
	0.8 mm	200	32	2.3	1.8	1.20	4.9		
		250	36	2.6	2.0	1.25	5.4		
		50	22	1.3	1.4	0.90	3.0		
	BROWN	100	31	1.8	1.6	1.10	4.0		
		150	38	2.3	1.8	1.20	4.8		
		200	44	2.6	2.0	1.30	5.5		
	0.9 mm	250	49	2.9	2.2	1.35	6.0		
		50	27	1.4	1.5	1.00	3.7		
		100	36	2.0	1.8	1.15	4.6		
	BLUE	150	47	2.4	2.0	1.30	5.4		
		200	54	2.8	2.2	1.40	6.0		
		250	61	3.1	2.4	1.50	6.6		
	GREEN	50	42	1.6	1.7	1.05	4.9		
		100	60	2.2	2.0	1.20	5.7		
		150	74	2.6	2.3	1.35	6.5		
	1.3 mm	200	86	3.0	2.6	1.45	7.2		
		250	95	3.3	2.8	1.55	7.7		
50		58	1.7	1.9	1.15	5.1			
RED	100	82	2.3	2.3	1.30	6.0			
	150	101	2.7	2.7	1.40	6.7			
	200	117	3.1	3.0	1.50	7.4			
1.5 mm	250	130	3.5	3.3	1.60	8.0			
	50	74	1.8	2.1	1.25	5.2			
	100	109	2.4	2.6	1.35	6.1			
ORANGE	150	133	2.8	3.0	1.45	6.8			
	200	154	3.2	3.3	1.55	7.5			
	250	172	3.6	3.6	1.65	8.1			
GREY	50	87	1.9	2.2	1.30	5.3			
	100	124	2.5	2.7	1.55	6.2			
	150	154	3.0	3.1	1.75	6.9			
2.0 mm	200	179	3.4	3.5	1.90	7.6			
	250	199	3.7	3.8	2.10	8.2			
	50	105	2.0	2.3	1.35	5.4			
WHITE	100	150	3.6	2.8	1.70	6.3			
	150	184	3.1	3.2	2.05	7.0			
	200	208	3.5	3.6	2.30	7.7			
2.3 mm	250	224	3.8	3.9	2.50	8.3			
	50	27					2.0		
	100	41					2.5		
MINI VORTEX	150	52					3.0		
	200	59					3.5		
	250	66					3.8		
MICRO MIST	50	9						0.4	
	100	13						0.5	
	150	15						0.5	
	200	16						0.5	
	250	18						0.5	

PERFORMANCE GRAPH



Tested 200 mm above Ground Level

Recommended operating pressure 100 kPa