

## FLAT FAN NOZZLES

- \* Special elliptical orifice produces a narrow elliptical spray 'footprint'.
- \* The droplets are uniformly distributed across the 'footprint' tapering at the edges.
- \* Overlapping these nozzles by 50% produces an even spray coverage. Also available with even 'footprints' giving a high impact spray.
- \* Another flat fan pattern is produced by deflector nozzles where a straight jet of liquid strikes an accurately machined deflector surface producing a wide angle.



Even



Tapered

Spray Footprints



## Flat Fan F Series



### TYPICAL APPLICATIONS

- \* Washing e.g. car, gravel
- \* Industrial washing machines
- \* Cleaning e.g. upholstery
- \* Continuous casting
- \* Metal finishing
- \* Degreasing
- \* Foam control
- \* Spray coating
- \* Circuit board processing
- \* Insecticide and herbicide application

### SPRAY CHARACTERISTICS

- \* Available in 0°, 15°, 25°, 40°, 65°, 80° and 110° angles at 3 bar.
- \* High impact spray of coarse droplets (greater impact as spray angle decreases).
- \* Available as evenspray pattern for single nozzle applications and as a tapered pattern for use along spray bars (ganging-up) to achieve even distribution.

### CONSTRUCTION

- \* Tips are one piece construction, which are fully interchangeable.
- \* Tips have no internal parts, therefore reducing the chance of clogging.
- \* Tips can be assembled in a 4-piece unit design comprising of nozzle body, strainer tip and cap nut - refer to page 38 for more details.

### MATERIALS

Standard materials are brass, Acetal and 303 stainless steel.

## Flat Fan CM Series



### TYPICAL APPLICATIONS

- \* Washing e.g. car, gravel, coal
- \* Industrial washing machines
- \* Cleaning e.g. upholstery
- \* Continuous casting
- \* Metal finishing
- \* Degreasing
- \* Foam control
- \* Spray coating
- \* Circuit board processing

### SPRAY CHARACTERISTICS

- \* Available in 0°, 15°, 25°, 40°, 65°, 80°, 90° and 110° angles at 3 bar.
- \* High impact spray of coarse droplets (greater impact as spray angle decreases).
- \* Available as evenspray pattern for single nozzle applications and as a tapered pattern for use along spray bars (ganging-up) to achieve even distribution.

### CONSTRUCTION

- \* One piece male pipe thread design.
- \* No internal parts, therefore reducing the chance of clogging.
- \* Hex body prevents distortion of the orifice for quick and easy installation.
- \* In areas where space is at a premium, 'stubby' versions are available.

### MATERIALS

Standard materials are brass, PVDF and 316 stainless steel.

## Push Fit Flat Fan CM

CM nozzles are also available as a 'push fit' option with 1/8" spigots to suit 1/4" push-in fittings. Manufactured from Acetal, in black or white, they are fitted with an anti-drip check valve and a 200# filter.

- \* Easily and quickly fitted
- \* Available as 80° fan pattern and 45° evenspray pattern
- \* 1/8" Push Fit holder available with 15 mm feed pipe
- \* Blanking nozzle also available



- \* 1/8" x 15 mm Push Fit tee holder also available, part number: 03NC869



For flow rate charts, please refer to pages 14 and 15

## Flat Fan AN Series Flanged



### TYPICAL APPLICATIONS

- \* Washing e.g. car, gravel, coal
- \* Film washing
- \* Dish washing
- \* Fire Protection
- \* Foam control
- \* Conveyor belt cooling
- \* Metal cleaning
- \* Water curtains
- \* Pulp and paper processing
- \* Herbicide application

### SPRAY CHARACTERISTICS

- \* Available in 90° to 145° spray angles at 1.5 bar (angle varies with pressure).
- \* Low impact spray, suitable for use at low pressures.
- \* Wide spray pattern with uniform distribution.
- \* Spray deflected 75° from inlet orifice.

### CONSTRUCTION

- \* Tips are one piece construction, which are fully interchangeable.
- \* Tips have no internal parts, therefore reducing the chance of clogging.
- \* Tips can be assembled in a 4-piece unit design comprising of nozzle body, filter, tip and cap nut - refer to page 38 for more details.
- \* Camlock type available in PVDF and Acetal.

### MATERIALS

- \* Standard materials are brass, Acetal and 316 stainless steel.

## Flat Fan AN Series Threaded



### TYPICAL APPLICATIONS

- \* Washing e.g. car, coal
- \* Film washing
- \* Dish washing
- \* Fire Protection
- \* Foam control
- \* Conveyor belt cooling
- \* Cooling towers (Spraying eliminator plates)
- \* Metal cleaning
- \* Water curtains
- \* Pulp and paper processing

### SPRAY CHARACTERISTICS

- \* Available in 90° to 145° spray angles at 1.5 bar (angle varies with pressure).
- \* Low impact spray, suitable for use at low pressures.
- \* Wide spray pattern with uniform distribution.
- \* Spray deflected 75° from inlet orifice.

### CONSTRUCTION

- \* One piece male pipe thread design.
- \* No internal parts, therefore reducing the chance of clogging.
- \* Hex body prevents distortion of the orifice for quick and easy installation.

### MATERIALS

- \* Standard materials are brass, PVC and 316 stainless steel.

## Flat Fan HPN Series



### TYPICAL APPLICATIONS

- \* High pressure cleaning applications
- \* Conveyor washing
- \* Animal house disinfection
- \* Building disinfection
- \* Graffiti removal
- \* Descaling
- \* Car washing
- \* Wheel washing
- \* Food processing factories

### SPRAY CHARACTERISTICS

- \* Available in 0°, 15°, 25°, 40°, 50°, 65° spray angles at 10 bar (angle varies with pressure).
- \* High impact spray produced with a minimum loss in energy results in high efficiency.
- \* Overlapping not required.
- \* Even flat spray pattern with uniform distribution.

### CONSTRUCTION

- \* One piece male pipe thread design.
- \* Hex body prevents distortion of the orifice for quick and easy installation.

### MATERIALS

- \* Standard material is 416 (hardened) stainless steel.



Refer to pages 14 and 16 for flow rate charts.

## Flat Fan SN Series



### TYPICAL APPLICATIONS

- \* Descaling
- \* Washing gravel and stone
- \* Vegetable washing
- \* Vehicle washing
- \* Electronic etch washing
- \* Component washing
- \* Cleaning
- \* Degreasing
- \* Paper mill applications
- \* Garden / show water features

### SPRAY CHARACTERISTICS

- \* Available in 15°, 25°, 35°, 40° and 50° spray angles at 3 bar (angle varies with pressure).
- \* High impact, well defined spray with uniform distribution.

### CONSTRUCTION

- \* One piece male pipe thread design, with large round orifice to reduce blockage.
- \* Deflection plate is precision-machined to maximise impact.

### MATERIALS

- \* Standard materials are brass, 303 and 316 stainless steel.

## Flat Fan Maxthro XT Series



### TYPICAL APPLICATIONS

- \* Spraying waste products
- \* Rangeland and pasture spraying
- \* Dust suppression
- \* Pesticide application
- \* Road and runway applications
- \* Fertiliser broadcasting
- \* Where reduced spray drift required

### SPRAY CHARACTERISTICS

- \* Available as 110° off-centre spray.
- \* Off-centre even pattern.
- \* Spray swath width ranges from 5.18 to 9.45 metres.

### CONSTRUCTION

- \* Stainless steel male pipe thread design.
- \* Patented slotted nozzle design.

### MATERIALS

- \* Standard material is 316 stainless steel and Acetal tip.

## Flat Fan C Series



### TYPICAL APPLICATIONS

- \* Continuous casting applications

### SPRAY CHARACTERISTICS

- \* Available in 80° and 100° angle at 3 bar.
- \* Even deflected flat fan pattern with an even distribution.

### CONSTRUCTION

- \* Three piece design with internal nozzle to produce a flat fan pattern.
- \* Fits into a 1" cap nut. Part Number = 28-Q2142.

### MATERIALS


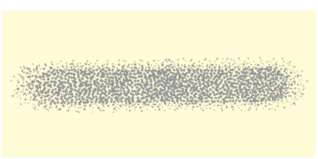
- \* Standard material is brass.



Refer to page 14 and 17 for flow rate charts.


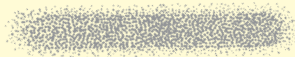
### FANJET (FLAT FAN) - FLOW CHART

NOZZLE REFERENCE AND COLOUR	Thread Connection (BSP)		Flow (L/min) @ Pressure (bar)							Spray Angle (Degrees) @ 3 bar			
	1/8"	1/4"	0.5	1	2	3	4	5	7	25	40	65	80
	CM02 Orange	x	x	0.33	0.46	0.65	0.80	0.92	1.03	1.22	■	■	■
CM03 Red	x	x	0.49	0.69	0.98	1.20	1.39	1.55	1.83	■	■	■	■
CM04 Camb Blue	x	x	0.65	0.92	1.31	1.60	1.85	2.07	2.44	■	■	■	■
CM05 Yellow	x	x	0.82	1.15	1.63	2.00	2.31	2.58	3.06	■	■	■	■
CM06 Lime Green	x	x	0.98	1.39	1.96	2.40	2.77	3.10	3.67	■	■	■	■
CM08 Moss Green	x	x	1.31	1.85	2.61	3.20	3.70	4.13	4.89	■	■	■	■
CM10 Royal Blue	x	x	1.63	2.31	3.27	4.00	4.62	5.16	6.11	■	■	■	■
CM15 Emerald Green	x	x	2.45	3.46	4.90	6.00	6.93	7.75	9.17	■	■	■	■
CM20 Olive Green	x	x	3.27	4.62	6.53	8.00	9.24	10.33	12.22	■	■	■	■
CM30 Red	x	x	4.90	6.93	9.80	12.00	13.86	15.49	18.33	■	■	■	■
CM40 Camb Blue	x	x	6.53	9.24	13.06	16.00	18.48	20.66	24.44	■	■	■	■
CM50 Yellow	x	x	8.16	11.55	16.33	20.00	23.09	25.82	30.55	■	■	■	■

### AN SERIES (FLAT FAN) - FLANGED TIP FLOW CHART

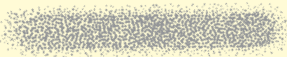

TIP REFERENCE	Flow (L/min) @ Pressure (bar)							Spray Angle @ 1.5 bar	
	0.5	1.0	1.5	2.0	2.5	3.0	4.0	Metal	Acetal
AN0.50	0.16	0.23	0.28	0.32	0.36	0.39	0.46	110*	80
AN0.75	0.24	0.34	0.42	0.48	0.54	0.59	0.68	115	95
AN1.0	0.32	0.46	0.56	0.64	0.72	0.79	0.91	115	105
AN1.5	0.48	0.68	0.84	0.97	1.08	1.18	1.37	115	105
AN2.0	0.64	0.91	1.12	1.29	1.44	1.58	1.82	115	105
AN2.5	0.81	1.14	1.40	1.61	1.80	1.97	2.28	115	110
AN3.0	0.97	1.37	1.68	1.93	2.16	2.37	2.74	125	110
AN4.0	1.29	1.82	2.23	2.58	2.88	3.16	3.65	125	120
AN5.0	1.61	2.28	2.79	3.22	3.60	3.95	4.56	125	145
AN7.5	2.42	3.42	4.19	4.84	5.41	5.92	6.84	145	145
AN10	3.22	4.56	5.58	6.45	7.21	7.90	9.12	145	145
AN15	4.84	6.84	8.38	9.67	10.81	11.84	13.68	145	145
AN20	6.45	9.12	11.17	12.89	14.42	15.79	18.24	145	145

\*At 3 bar


### C SERIES (FLAT FAN) - FLOW CHART

NOZZLE REFERENCE	Flow L/min @ Pressure (bar)						Spray Angle
	1	2	2.8	3	5	7	
C0500	3.01	4.26	5.00	5.21	6.73	7.97	80
C1000	6.02	8.52	10.0	10.43	13.46	15.93	80
C1500	9.03	12.77	15.0	15.64	20.20	23.90	80
C2000	12.04	17.03	20.0	20.86	26.93	31.86	80
C3000	18.06	25.55	30.0	31.29	40.39	47.79	80

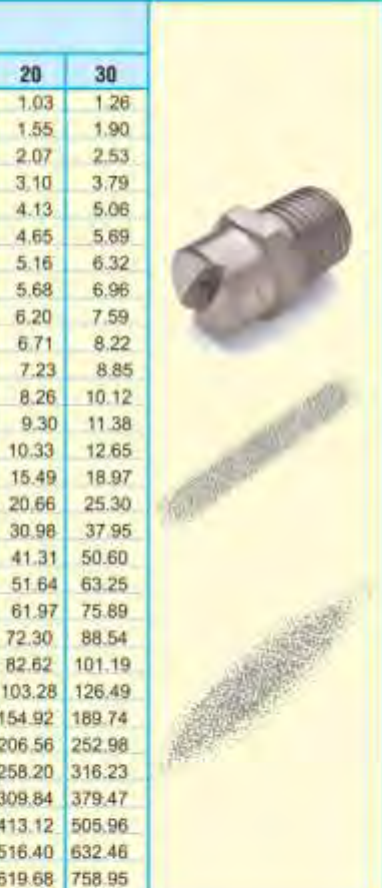
## F SERIES (FLAT FAN) - FLOW CHART

TIP REFERENCE		Flow (L/min) @ Pressure (bar)									
Tapered	Evenspray	0.5	1	2	3	4	5	7	10	20	30
005F	005E	0.08	0.12	0.16	0.20	0.23	0.26	0.31	0.37	0.52	0.63
0067F	0067E	0.11	0.15	0.22	0.27	0.31	0.35	0.41	0.49	0.69	0.85
0077F	0077E	0.13	0.18	0.25	0.31	0.36	0.40	0.47	0.56	0.80	0.97
01F	01E	0.16	0.23	0.33	0.40	0.46	0.52	0.61	0.73	1.03	1.26
015F	015E	0.24	0.35	0.49	0.60	0.69	0.77	0.92	1.10	1.55	1.90
02F	02E	0.33	0.46	0.65	0.80	0.92	1.03	1.22	1.46	2.07	2.53
03F	03E	0.49	0.69	0.98	1.20	1.39	1.55	1.83	2.19	3.10	3.79
04F	04E	0.65	0.92	1.31	1.60	1.85	2.07	2.44	2.92	4.13	5.06
05F	05E	0.82	1.15	1.63	2.00	2.31	2.58	3.06	3.65	5.16	6.32
06F	06E	0.98	1.39	1.96	2.40	2.77	3.10	3.67	4.38	6.20	7.59
08F	08E	1.31	1.85	2.61	3.20	3.70	4.13	4.89	5.84	8.26	10.12
10F	10E	1.63	2.31	3.27	4.00	4.62	5.16	6.11	7.30	10.33	12.65
15F	15E	2.45	3.46	4.90	6.00	6.93	7.75	9.17	10.95	15.49	18.97
20F	20E	3.27	4.62	6.53	8.00	9.24	10.33	12.22	14.61	20.66	25.30



## CM SERIES (FLAT FAN) - FLOW CHART

NOZZLE REFERENCE	Thread Connection (BSP)						Flow (L/min) @ Pressure (bar)									
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	0.5	1	2	3	4	5	7	10	20	30
CM01	X	X					0.16	0.23	0.33	0.40	0.46	0.52	0.61	0.73	1.03	1.26
CM015	X	X					0.24	0.35	0.49	0.60	0.69	0.77	0.92	1.10	1.55	1.90
CM02	X	X					0.33	0.46	0.65	0.80	0.92	1.03	1.22	1.46	2.07	2.53
CM03	X	X					0.49	0.69	0.98	1.20	1.39	1.55	1.83	2.19	3.10	3.79
CM04	X	X					0.65	0.92	1.31	1.60	1.85	2.07	2.44	2.92	4.13	5.06
CM045	X	X					0.73	1.04	1.47	1.80	2.08	2.32	2.75	3.29	4.65	5.69
CM05	X	X					0.82	1.15	1.63	2.00	2.31	2.58	3.06	3.65	5.16	6.32
CM055	X	X					0.90	1.27	1.80	2.20	2.54	2.84	3.36	4.02	5.68	6.96
CM06	X	X					0.98	1.39	1.96	2.40	2.77	3.10	3.67	4.38	6.20	7.59
CM065	X	X					1.06	1.50	2.12	2.60	3.00	3.36	3.97	4.75	6.71	8.22
CM07	X	X					1.14	1.62	2.29	2.80	3.23	3.61	4.28	5.11	7.23	8.85
CM08	X	X					1.31	1.85	2.61	3.20	3.70	4.13	4.89	5.84	8.26	10.12
CM09	X	X					1.47	2.08	2.94	3.60	4.16	4.65	5.50	6.57	9.30	11.38
CM10	X	X					1.63	2.31	3.27	4.00	4.62	5.16	6.11	7.30	10.33	12.65
CM15	X	X					2.45	3.46	4.90	6.00	6.93	7.75	9.17	10.95	15.49	18.97
CM20	X	X					3.27	4.62	6.53	8.00	9.24	10.33	12.22	14.61	20.66	25.30
CM30		X					4.90	6.93	9.80	12.00	13.86	15.49	18.33	21.91	30.98	37.95
CM40		X	X				6.53	9.24	13.06	16.00	18.48	20.66	24.44	29.21	41.31	50.60
CM50		X	X				8.16	11.55	16.33	20.00	23.09	25.82	30.55	36.51	51.64	63.25
CM60		X	X				9.80	13.86	19.60	24.00	27.71	30.98	36.66	43.82	61.97	75.89
CM70		X	X				11.43	16.17	22.86	28.00	32.33	36.15	42.77	51.12	72.30	88.54
CM80		X	X				13.06	18.48	26.13	32.00	36.95	41.31	48.88	58.42	82.62	101.19
CM100		X	X	X			16.33	23.09	32.66	40.00	46.19	51.64	61.10	73.03	103.28	126.49
CM150			X	X			24.49	34.64	48.99	60.00	69.28	77.46	91.65	109.54	154.92	189.74
CM200			X	X			32.66	46.19	65.32	80.00	92.38	103.28	122.20	146.06	206.56	252.98
CM250				X			40.82	57.74	81.65	100.00	115.47	129.10	152.75	182.57	258.20	316.23
CM300				X	X		48.99	69.28	97.98	120.00	138.56	154.92	183.30	219.09	309.84	379.47
CM400				X	X		65.32	92.38	130.64	160.00	184.75	206.56	244.40	292.12	413.12	505.96
CM500					X		81.65	115.47	163.30	200.00	230.94	258.20	305.51	365.15	516.40	632.46
CM600					X		97.98	138.56	195.96	240.00	277.13	309.84	366.61	438.18	619.68	758.95



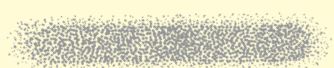
## CM PUSH FIT (FLAT FAN) PART NUMBERS AND FLOW

NOZZLE REFERENCE	Description	Spray Angle	Connection	Flow at 6.9 bar	Colour
30PFCM002F80	Push Fit CM 02 80° fan white	80°	9.4 mm spigot to suit 1/4" Push Fit fitting	189 ml / min	white
30PFCM002F80BL	Push Fit CM 02 80° fan black	80°		189 ml / min	black
30PFCM005E45	Push Fit CM 05 45° evenspray white	45°		284 ml / min	white
LU30PFCM005F80	Push Fit CM 05 80° fan white	80°		284 ml / min	white
LU30PFCM005F80B	Push Fit CM 05 80° fan black	80°		284 ml / min	black
LU30Q3107	Push Fit blanking nozzle black	n/a		n/a	white
LU30Q3107K1	Push Fit blanking nozzle white	n/a	n/a	black	
03NC669	Push Fit T nozzle holder 15 mm	n/a	1/2" pneu fitting	n/a	black



**AN SERIES - THREADED (FLAT FAN) - FLOW CHART**

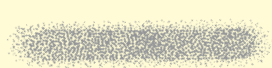
NOZZLE REFERENCE	Thread Connection BSP						Flow (L/min) @ Pressure (bar)							Spray Angle @ 1.5bar
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	0.5	1.0	1.5	2.0	2.5	3.0	4.0	
AN0.50	X						0.16	0.23	0.28	0.32	0.36	0.39	0.46	110*
AN0.80	X						0.24	0.34	0.42	0.48	0.54	0.59	0.68	115
AN1.0	X						0.32	0.46	0.56	0.64	0.72	0.79	0.91	115
AN1.5	X						0.48	0.68	0.84	0.97	1.08	1.18	1.37	115
AN2.0	X	X					0.64	0.91	1.12	1.29	1.44	1.58	1.82	115
AN2.5	X	X					0.81	1.14	1.40	1.61	1.80	1.97	2.28	115
AN3.0	X	X					0.97	1.37	1.68	1.93	2.16	2.37	2.74	125
AN4.0	X	X					1.29	1.82	2.23	2.58	2.88	3.16	3.65	125
AN5.0	X	X					1.61	2.28	2.79	3.22	3.60	3.95	4.56	125
AN7.5	X	X					2.42	3.42	4.19	4.84	5.41	5.92	6.84	145
AN10	X	X					3.22	4.56	5.58	6.45	7.21	7.90	9.12	145
AN15	X	X					4.84	6.84	8.38	9.67	10.81	11.84	13.68	145
AN20	X	X	X				6.45	9.12	11.17	12.89	14.42	15.79	18.24	145
AN25		X	X				8.06	11.40	13.96	16.12	18.02	19.74	22.79	145
AN30			X				9.67	13.68	16.75	19.34	21.62	23.69	27.35	145
AN35			X				11.28	15.96	19.54	22.57	25.23	27.64	31.91	145
AN40			X	X			12.89	18.24	22.33	25.79	28.83	31.58	36.47	145
AN50				X			16.12	22.79	27.92	32.24	36.04	39.48	45.59	145
AN60				X	X		19.34	27.35	33.50	38.68	43.25	47.38	54.71	145
AN80				X	X		25.79	36.47	44.67	51.58	57.67	63.17	72.94	145
AN100				X	X		32.24	45.59	55.83	64.47	72.08	78.96	91.18	145
AN120					X		38.68	54.71	67.00	77.37	86.50	94.75	109.41	145
AN160					X		51.58	72.94	89.33	103.15	115.33	126.34	145.88	145
AN210					X		67.70	95.74	117.25	135.39	151.37	165.82	191.47	145
AN300						X	96.71	136.76	167.50	193.41	216.24	236.88	273.53	145
AN450						X	145.06	205.15	251.25	290.12	324.37	355.33	410.29	145



\*At 3 bar

**HPN SERIES (FLAT FAN) - FLOW CHART**


NOZZLE REFERENCE	Connection (BSP)		Flow (L/min) @ Pressure (bar)									
	1/8"	1/4"	15	20	30	40	50	60	80	100	150	200
HPN 04	X	X	3.46	4.00	4.90	5.66	6.32	6.93	8.00	8.94	10.95	12.65
HPN 045	X	X	3.90	4.50	5.51	6.36	7.12	7.79	9.00	10.06	12.32	14.23
HPN 05	X	X	4.33	5.00	6.12	7.07	7.91	8.66	10.00	11.18	13.69	15.81
HPN 055	X	X	4.76	5.50	6.74	7.78	8.70	9.53	11.00	12.30	15.06	17.39
HPN 06	X	X	5.20	6.00	7.35	8.49	9.49	10.39	12.00	13.42	16.43	18.97
HPN 065	X	X	5.63	6.50	7.96	9.19	10.28	11.26	13.00	14.53	17.80	20.55
HPN 07	X	X	6.06	7.00	8.57	9.90	11.07	12.12	14.00	15.65	19.17	22.14
HPN 075	X	X	6.50	7.50	9.19	10.61	11.86	12.99	15.00	16.77	20.54	23.72
HPN 08	X	X	6.93	8.00	9.80	11.31	12.65	13.86	16.00	17.89	21.91	25.30
HPN 085	X	X	7.36	8.50	10.41	12.02	13.44	14.72	17.00	19.01	23.28	26.88
HPN 09	X	X	7.79	9.00	11.02	12.73	14.23	15.59	18.00	20.12	24.65	28.46
HPN 10	X	X	8.66	10.00	12.25	14.14	15.81	17.32	20.00	22.36	27.39	31.62
HPN 15	X	X	12.99	15.00	18.37	21.21	23.72	25.98	30.00	33.54	41.08	47.43
HPN 20	X	X	17.32	20.00	24.49	28.28	31.62	34.64	40.00	44.72	54.77	63.25
HPN 30		X	25.98	30.00	36.74	42.43	47.43	51.96	60.00	67.08	82.16	94.87
HPN 40		X	34.64	40.00	48.99	56.57	63.25	69.28	80.00	89.44	109.54	126.49
HPN 50		X	43.30	50.00	61.24	70.71	79.06	86.60	100.00	111.80	136.93	158.11



Items against white background available from stock

### SN SERIES (FLAT FAN) - FLOW CHART

NOZZLE REFERENCE	Thread Connection (BSP)					Flow(L/min) @ Operating Pressure (bar)							Spray Angle @ 3 bar		
	1/8"	1/4"	3/8"	1/2"	3/4"	1	2	3	4	5	7	10	15	35	50
SN 4	x					0.91	1.29	1.58	1.82	2.04	2.4	2.88		x	
SN 10		x				2.28	3.22	3.95	4.56	5.10	6.03	7.21	x	x	x
SN 20		x	x			4.56	6.45	7.90	9.12	10.19	12.06	14.42	x	x	
SN 25			x			5.70	8.06	9.87	11.40	12.74	15.08	18.02			x
SN 40			x			9.12	12.89	15.79	18.24	20.39	24.12	28.83	x	x	x
SN 50			x			11.40	16.12	19.74	22.79	25.48	30.15	36.04		x	
SN 60			x	x		13.68	19.34	23.69	27.35	39.58	36.18	43.25	x	x	x
SN 80				x		18.24	25.79	31.58	36.47	40.78	48.25	57.67	x		
SN 100			x	x		22.79	32.24	39.48	45.59	50.97	60.31	72.08		x	x
SN 160			x			36.47	51.58	63.17	72.94	81.55	96.49	115.33			x
SN 200				x	x	45.59	64.47	78.96	91.18	101.94	120.62	144.16			x



### Maxthro XT SERIES (FLAT FAN) - FLOW CHART

NOZZLE REF	Thread Connection (NPT)					Flow (L/min) @ Pressure (bar)			Swath Width (m)
	1/4"	3/8"	1/2"	3/4"	1"	3	4	5	
XT020	x					7.90	9.12	10.19	5.18
XT024	x					9.48	10.94	12.23	5.18
XT043		x				16.98	19.60	21.92	6.10
XT080			x			31.58	36.47	40.77	6.40
XT167				x		65.93	76.13	85.12	9.45
XT215				x		84.88	98.01	109.58	9.45
XT330					x	130.28	150.44	168.196	6.40

