



THE
SPRAY NOZZLE
PEOPLE

**HYDROPULSE®
PHP**

Pneumatically Actuated



FLAT FAN

DESIGN FEATURES

- ✓ Interchangeable flat fan, full cone or hollow cone
- ✓ Pneumatically actuated for crisp on/off spray
- ✓ Straight through porting for fluid recirculation
- ✓ Hygienic connections and mounting brackets are available options

SPRAY CHARACTERISTICS

- ✓ Relatively coarse atomisation
- ✓ Uniform distribution with tapered edges for use in overlapping sprays
- ✓ Spray patterns: Flat Fan, full cone or hollow cone
- ✓ Spray angles: 0° to 110°
- ✓ Flow rates: 0.018 to 101 l/min



The HydroPulse is a pneumatically actuated flat fan spray nozzle. The HP can be fitted with a wide variety of different spray tips, with a variety of spray angles and flow rates. The addition of a spring loaded shut off system allows this nozzle to be cycled on and off rapidly making it suitable for precision spraying applications including:

Coating
Lubricating
Moistening
And more.

CALL NOW : +44 (0) 1273 400092

www.spray-nozzle.co.uk

The Go-to People for spray nozzle solutions

HydroPulse Flat Fan (BJ) Tips

Nozzle Tip No.	Equiv Orifice Dia	K Factor	Litres per minute at BAR							Available Spray Angles*
			0.3 bar	1 bar	2 bar	5 bar	10 bar	20 bar	40 bar	
BJ 0067	0.58	0.153	0.084	0.153	0.22	0.34	0.48	0.68	0.97	0, 15, 25, 40, 50, 65, 80
BJ 0077	0.58	0.175	0.096	0.175	0.25	0.39	0.55	0.78	1.11	73
BJ 01	0.71	0.228	0.12	0.228	0.32	0.51	0.72	1.02	1.44	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 0116	0.91	0.264	0.14	0.264	0.37	0.59	0.84	1.18	1.67	73
BJ 015	0.97	0.342	0.19	0.342	0.48	0.76	1.08	1.53	2.16	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 02	0.99	0.456	0.25	0.456	0.64	1.02	1.44	2.04	2.88	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 03	1.19	0.684	0.37	0.684	0.97	1.53	2.16	3.06	4.32	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 04	1.4	0.912	0.5	0.912	1.29	2.04	2.88	4.08	5.77	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 05	1.55	1.14	0.62	1.14	1.61	2.55	3.6	5.1	7.21	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 06	1.7	1.37	0.75	1.37	1.93	3.06	4.32	6.11	8.65	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 08	1.88	1.82	1	1.82	2.58	4.08	5.77	8.15	11.5	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 10	2.18	2.28	1.25	2.28	3.22	5.1	7.21	10.2	14.4	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 15	2.72	3.42	1.87	3.42	4.83	7.64	10.8	15.3	21.6	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 20	3.18	4.56	2.5	4.56	6.45	10.2	14.4	20.4	28.8	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 30	3.67	6.84	3.74	6.84	9.67	15.3	21.6	30.6	43.2	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 40	3.97	9.12	4.99	9.12	12.9	20.4	28.8	40.8	57.7	0, 15, 25, 40, 50, 65, 80, 95, 110
BJ 50	4.37	11.4	6.24	11.4	16.1	25.5	36	51	72.1	15, 25, 40, 50, 65, 80, 95, 110
BJ 60	4.76	13.7	7.49	13.7	19.3	30.6	43.2	61.1	86.5	15, 25, 40, 50, 65, 80, 95, 110
BJ 70	5.16	16	8.74	16	22.6	35.7	50.4	71.3	101	15, 25, 40, 50, 65, 80, 95, 110