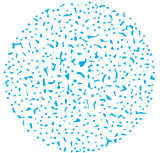


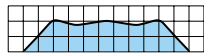
Plastic Nozzles

JJRP-PVDF JJXP-PVDF

P L A S T I C N O Z Z L E S



[Spray Pattern]



[Spray Distribution]

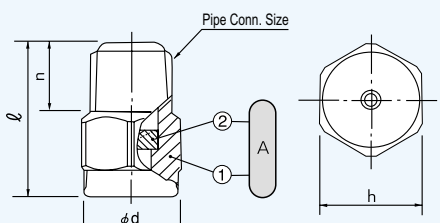
FEATURES

- Full cone spray pattern with a round impact area and uniform distribution.
- Disc whirler is designed to provide uniform distribution at small capacity.

APPLICATIONS

Washing : applications where pure water is being used
 Spraying : Photo-etching, acid liquids, etc.

JJRP-PVDF

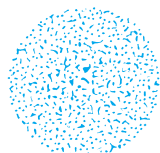


(A) Nozzle (1) Body (2) Whirler

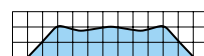
Series	Pipe Conn. Size	Dimensions (mm)				Mass (g)
		ℓ	h	n	φd	
JJRP-PVDF	1/8M	18	12	8	11.5	2
	1/4M	22	14	11.5	12	4.1

STRUCTURE • One-piece structure with press-fit disc whirler

MATERIAL • PVDF (Polyvinylidene fluoride)



[Spray Pattern]



[Spray Distribution]

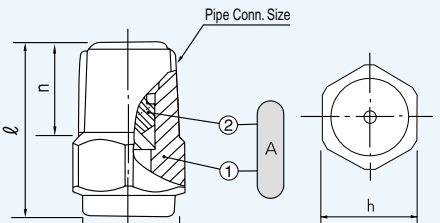
FEATURES

- Full cone spray pattern with a round impact area and uniform distribution.
- X-shaped whirler provides largest free passage diameter for minimal clogging.

APPLICATIONS

Washing : applications where pure water is being used
 Spraying : Photo-etching, acid liquids, etc.

JJXP-PVDF



(A) Nozzle (1) Body (2) Whirler

Series	Pipe Conn. Size	Dimensions (mm)				Mass (g)
		ℓ	h	n	φd	
JJXP-PVDF	1/8M	18	12	8	11.5	2
	1/4M	22	14	11.5	12	4.1

STRUCTURE • One-piece structure with press-fit X-shaped whirler

MATERIAL • PVDF (Polyvinylidene fluoride)

Series	Spray Capacity Code	Pipe Conn. Size		Spray Angle			Spray Capacity (ℓ/min)							Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)	
		1/8M	1/4M	0.05 MPa	0.2 MPa	0.5 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa			1 MPa
							0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa			1 MPa
JJRP-PVDF	005	○	○	—	60°	60°	—	0.36	0.44	0.50	0.59	0.74	0.85	0.99	260	0.4
	007	○	○	—	65°	62°	—	0.51	0.61	0.70	0.83	1.03	1.19	1.39	280	0.6
	010	○	○	○	60°	65°	55°	0.53	0.73	0.88	1.00	1.18	1.45	1.67	1.93	290
JJXP-PVDF	015	○	○	○	60°	65°	55°	0.79	1.09	1.32	1.50	1.77	2.18	2.50	2.89	1.0
	020	○	○	○	60°	65°	55°	1.06	1.46	1.75	2.00	2.36	2.91	3.34	3.86	1.5
	025	○	○	○	60°	65°	55°	1.32	1.82	2.20	2.50	2.95	3.62	4.17	4.82	1.5
	030	○	○	○	60°	65°	55°	1.59	2.18	2.63	3.00	3.54	4.36	5.00	5.79	1.5
	030	○	○	○	60°	65°	55°	1.59	2.18	2.63	3.00	3.54	4.36	5.00	5.79	410

HOW TO ORDER

Please inquire or order for a specific nozzle on this coding system.

* The code of 1/4" thread JJRP is 1/4×1/8 MJJRP XX PVDF

■ ■ JJRP-PVDF ■ ■

1/8M JJRP 005 PVDF

Pipe Conn. Size: 1/8M, 1/4M

Spray Capacity Code: 005, 007

■ ■ JJXP-PVDF ■ ■

1/8M JJXP 010 PVDF

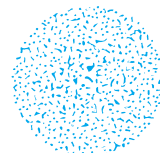
Pipe Conn. Size: 1/8M, 1/4M

Spray Capacity Code: 010, 015, 020, 025, 030

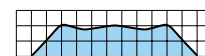
Plastic Nozzles

BBXP-PVDF JJRP-PTFE

P L A S T I C N O Z Z L E S



[Spray Pattern]



[Spray Distribution]

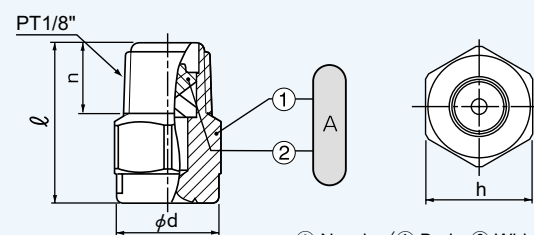
FEATURES

- Wide spray angle full cone spray nozzle with uniform spray distribution.
- Spray angle of 120° allows to cover large spray area than any other nozzles.
- X-shaped whirler provides largest free passage diameter for minimal clogging.

APPLICATIONS

Washing : applications where pure water is being used.
 Spraying : Photo-etching, acid liquids, etc.
 Cooling : Cooling heat exchanger of air conditioner.

BBXP-PVDF



(A) Nozzle (1) Body (2) Whirler

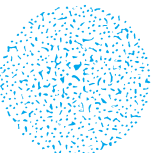
Series	Pipe Conn. Size	Dimensions (mm)				Mass (g)
		ℓ	h	n	φd	
BBXP	1/8M	18	12	8	11.5	2
	1/4M	22	14	11.5	11.5	4.1

STRUCTURE • One-piece structure with press-fit X-shaped whirler

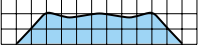
MATERIAL • PVDF (Polyvinylidene fluoride)

Spray Capacity Code	Pipe Conn. Size		Spray Angle			Spray Capacity (ℓ/min)										Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)
	1/8M	1/4M	0.05 MPa	0.2 MPa	0.5 MPa	0.03 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.35 MPa	0.5 MPa	0.7 MPa	1 MPa			
015	○	○	—	120°	112°	—	—	—	1.09	1.32	1.50	1.88	2.18	2.50	2.89	310	0.8
020	○	○	110°	120°	113°	—	1.06	1.46	1.75	2.00	2.51	2.91	3.34	3.86	340	1.2	

※ Each nozzle has different color. 1/8M BBXP015: gray, 1/4M BBXP015: white, 1/8M BBXP020: black



[Spray Pattern]



[Spray Distribution]

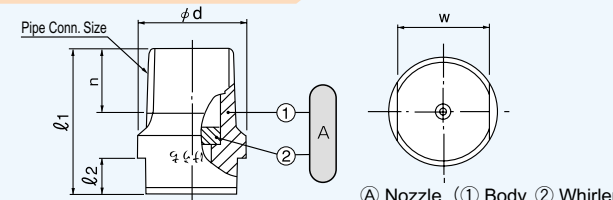
FEATURES

- Made of excellent wear-resistant PTFE (Polytetrafluoroethylene).
- Full cone spray pattern with a round impact area and uniform distribution.
- Compact design, small spray capacity.

APPLICATIONS

Washing : applications where pure water is being used
 Spraying : Photo-etching, acid liquids, etc.

JJRP-PTFE



(A) Nozzle (1) Body (2) Whirler

Series	Pipe Conn. Size	Dimensions (mm)					Mass (g)
		ℓ ₁	ℓ ₂	w	n	φd	
JJRP-PTFE	1/8M	16	4	10	7	12	2
	1/4M	21	5	14	10.5	16	5

STRUCTURE • One-piece structure with press-fit disc whirler

MATERIAL • PTFE (Polytetrafluoroethylene)

Spray Capacity Code	Pipe Conn. Size		Spray Angle			Spray Capacity (ℓ/min)							Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)	
	1/8M	1/4M	0.15 MPa	0.2 MPa	0.5 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa			1 MPa
						0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa			1 MPa
005	○	○	56°	60°	60°	—	0.36	0.44	0.50	0.59	0.74	0.85	0.99	270	0.5
007	○	○	60°	65°	62°	—	0.51	0.61	0.70	0.83	1.03	1.19	1.39	1.39	0.7
010	○	○	63°	65°	62°	—	0.73	0.88	1.00	1.19	1.48	1.70	1.98	1.98	0.8
015	○	○	64°	70°	72°	0.79	1.09	1.31	1.50	1.78	2.22	2.58	2.98	2.98	1.0
020	○	○	64°	70°	72°	1.06	1.45	1.75	2.00	2.38	2.95	3.41	3.97	3.97	1.2
030	○	○	75°	80°	78°	1.58	2.18	2.63	3.00	3.56	4.43	5.11	5.95	5.95	1.3
040	○	○	67°	70°	65°	2.11	2.91	3.50	4.00	4.75	5.91	6.82	7.93	380	1.4
050	○	○	76°	80°	70°	2.64	3.63	4.38	5.00	5.94	7.38	8.52	9.92	9.92	1.6
060	○	○	88°	90°	80°	3.17	4.36	5.26	6.00	7.13	8.86	10.2	11.9	520	1.6

HOW TO ORDER

Please inquire or order for a specific nozzle on this coding system.

■ ■ BBXP-PVDF ■ ■

1/8M BBXP-PVDF 015 PVDF (GRA)

Pipe Conn. Size: 1/8M, 1/4M

Spray Capacity Code: 015, 020

Nozzle Color Code: GRA for 1/8M BBXP015, BLA for 1/8M BBXP020, - for 1/4M BBXP015

■ ■ JJRP-PTFE ■ ■

1/8M JJRP 005 PTFE

Pipe Conn. Size: 1/8M, 1/4M

Spray Capacity Code: 005, 010, 015, 020, 025, 030