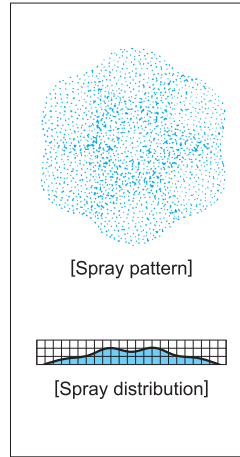


Seven-head Full Cone Spray Nozzles Standard type

7JJXP



[Features]

- Full cone spray pattern with a round superimposed impact area.
- 7 pcs. of JJXP series full cone spray nozzles are screwed into a very compact header.
- Mean spray droplet diameter is about half that of other single-head full cone spray nozzles having the same spray capacity.
- X-shaped whirler provides large free passage diameter for minimal clogging.

[Standard Pressure]

0.2 MPa

[Applications]

- Gas cooling • Cleaning • Moisture control
- Dust suppression

Full Cone

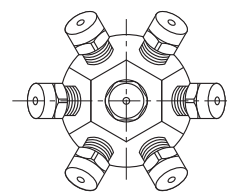
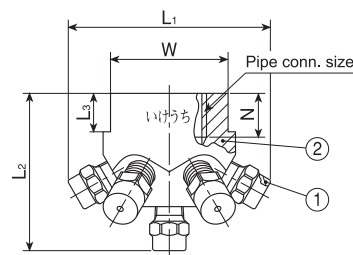
7JJXP series

7JJXP series	
Structure	<ul style="list-style-type: none"> • 7 pcs. of JJXP series full cone spray nozzles are screwed into a header. • JJXP series full cone spray nozzle has one-piece structure with press-fit X-shaped whirler.
Material	<ul style="list-style-type: none"> • S303 or B (brass) • Optional material: S316

Pipe conn. size *	Dimensions (mm)					Mass (g)	
	L ₁	L ₂	L ₃	W	N	S303	B
3/4F	71	55	13	40	15	380	400
1F (280)	89	67.5	17	46	17	620	660
1F (490, 840)	103	75	20	55	17	1,080	1,140
1 1/2F	128	92.5	20	70	19	1,860	1,970
2F	166	121.5	27	85	23	3,650	3,870

*) Figures in () after the pipe connection sizes indicate the spray capacity codes.

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



①JJXP series nozzle ②Header

*Please refer to the chart below for spray dimension D.

Spray Capacity Code	Pipe Conn. Size				Spray Angle (°)			Spray Dimension D (m)* at each spray height L (at 0.2 MPa)								Spray Capacity (ℓ/min)								Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)
	3/4 F	1 F	1 1/2 F	2 F	0.05 MPa	0.2 MPa	0.5 MPa	L= 1 m	L= 1.5 m	L= 2 m	L= 2.5 m	L= 3 m	L= 3.5 m	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa		
	70	○				170	175	165	1.9	2.4	2.8	3.0	3.1	3.1	—	5.11	6.16	7.00	8.26	10.2	11.7	13.5	15.9		
140	○				180	185	175	2.7	3.3	3.8	4.2	4.5	4.7	—	10.2	12.3	14.0	16.5	20.4	23.4	27.0	31.9	35.8	λ	1.5
280		○			180	185	180	3.4	3.9	4.4	4.8	5.2	5.4	14.8	20.4	24.6	28.0	33.0	40.7	46.7	54.0	63.7	71.7	380	1.8
490		○			180	185	180	4.3	4.8	5.4	5.8	6.2	6.4	26.0	35.6	43.0	49.0	57.8	71.4	81.9	94.5	112	125	480	2.6
840		○			200	205	200	5.2	5.8	6.3	6.8	7.2	7.5	44.5	61.1	73.5	84.0	99.4	122	140	162	191	215	660	2.6
1120			○		190	195	180	5.6	6.3	6.9	7.4	7.8	8.1	59.3	81.2	98.0	112	132	163	187	216	255	287	λ	3.5
1400			○		200	205	190	6.0	6.7	7.3	7.8	8.3	8.6	74.2	102	123	140	165	204	234	270	319	358	740	3.5
1820				○	195	200	185	6.2	6.9	7.5	8.0	8.5	8.8	96.6	132	160	182	215	265	304	351	414	466	λ	4.7
2450				○	205	210	195	6.4	7.1	7.7	8.2	8.7	9.0	130	179	215	245	289	356	409	473	558	627	λ	4.7
3150				○	210	215	200	6.6	7.3	7.9	8.4	8.9	9.2	167	229	277	315	372	458	525	608	717	806	950	4.7

[Note] 7JJXP series nozzles are guaranteed only for spray capacity under the standard pressure.

How to order

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

〈Example〉... 3/4F7JJXP70S303

3/4 F	7JJXP	70	S303
<small>Pipe Conn. Size</small>		<small>Spray Capacity Code</small>	<small>Material</small>
3/4F		70	S303
λ		λ	B
2F		3150	