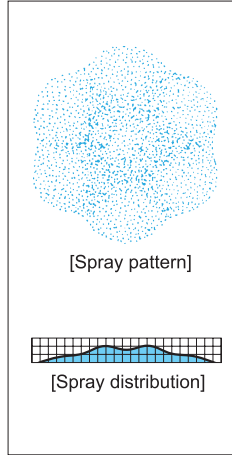


# Seven-head Full Cone Spray Nozzles

# 7JJXP

Full Cone



### [Features]

- Full cone spray nozzle with an almost round-shaped spray area.
- Seven JJXP full cone spray nozzles are installed in a very compact header adaptor.
- Mean spray droplet diameter is about half that of other single-head full cone spray nozzles with the same spray capacity.
- X-shaped whirler provides large free passage diameter, minimizing clogging.

### [Standard pressure]

0.2 MPa

### [Applications]

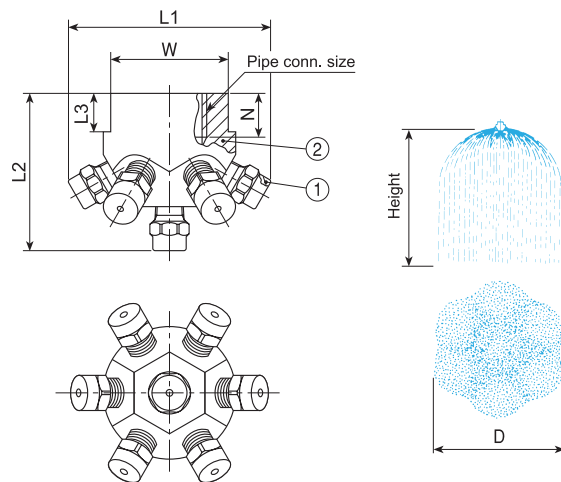
- Gas cooling • Cleaning • Moisture control
- Dust suppression

## 7JJXP series

7JJXP series		
Structure	<ul style="list-style-type: none"> <li>• 7 pcs. of JJXP series full cone spray nozzles are screwed into a header adaptor.</li> <li>• JJXP series full cone spray nozzle has one-piece structure with press-fit X-shaped whirler.</li> </ul>	
Material	<ul style="list-style-type: none"> <li>• Nozzle: S303 for the spray capacity code 70–840 S303 or B (brass) for the spray capacity code 1120 or larger</li> <li>• Header adaptor: S303 or B (brass)</li> <li>• Optional material: S316</li> </ul>	
Pipe conn. size <sup>*1</sup>	Dimensions (mm)	Mass (g)
	L1 L2 L3 W N S303 B	
Rc3/4	71 55 13 40 15	380 400
Rc1 (280)	89 67.5 17 46 17	620 660
Rc1 (490, 840)	103 75 20 55 17	1,080 1,140
Rc1*1/2	128 92.5 20 70 19	1,860 1,970
Rc2	166 121.5 27 85 23	3,650 3,870

\*1) 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 adaptor

See the chart below for spray dimension D.

Spray capacity code	Pipe conn. size				Spray angle (°)			Spray dimension D (m) at each spray height (at 0.2 MPa)						Spray capacity (ℓ/min)							Mean drop. dia. (μm)	Free pass. dia. (mm)			
	Rc 3/4	Rc 1	Rc 1 1/2	Rc 2	0.05 MPa	0.2 MPa	0.5 MPa	1 m	1.5 m	2 m	2.5 m	3 m	3.5 m	0.05 MPa	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	17.9	290	0.7
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	?	1.4
280		○			180	185	175	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	1.7
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	1.9
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	?	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	?	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	?	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) 3/4F 7JJXP 70 S303


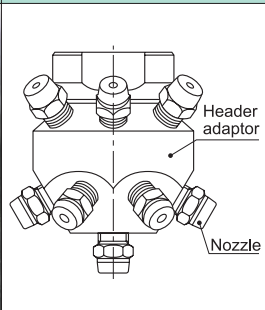
3/4F 7JJXP 70 S303

Pipe conn. size <sup>*2</sup>	Spray capacity code	Material
■ 3/4F	■ 70	■ S303
}	}	■ B
■ 2F	■ 3150	

\*2) "M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard), e.g. 3/4F = Rc3/4.

**Sister Products**

13JJXP series (13-head Full Cone Spray Nozzles)

Series	Appearance	Structure	Features	Applications
13JJXP			<ul style="list-style-type: none"> <li>• Full cone spray nozzle with an almost round-shaped spray area.</li> <li>• 13 pcs. of JJXP series full cone spray nozzles are screwed into a very compact header adaptor.</li> <li>• Spray droplet diameter is smaller than those of other single-head full cone spray nozzles with the same spray capacity.</li> </ul>	<ul style="list-style-type: none"> <li>• Gas cooling</li> <li>• Moisture control</li> </ul>