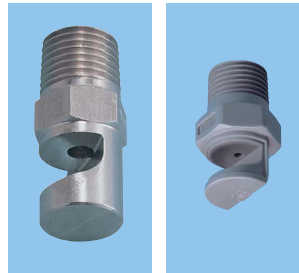


# Wide-angle Flat Spray Nozzles

YYP



### [Features]

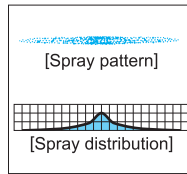
- Capable of generating wide-angle flat spray even at low liquid pressure.
- YYP clogs the least compared with other flat spray nozzles, although the spray impact is less strong.
- Spray direction is 75° to the nozzle axis.

### [Standard Pressure]

0.15 MPa

### [Applications]

- Cleaning: Conveyor belts, film, eliminator plates, plate glass, planks
- Foam breaking: Waste water treatment, paper manufactures
- Cooling: Conveyor belts, roofs, tanks
- Water screen: Fire protection, heat protection, deodorization
- Others: Applications which require wide angle flat spray at low pressures



Flat Spray

## YYP series

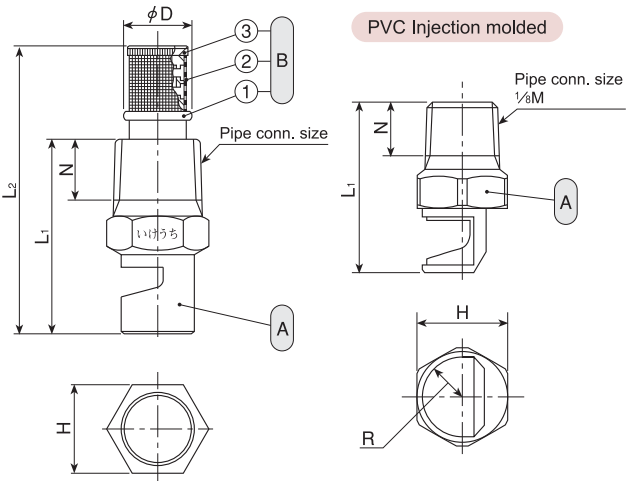
YYP series	
Structure	• Made of metal or plastic, one-piece structure.
Material	• S303 or B (brass), Injection-molded PVC (polyvinyl chloride) • Optional material: S316 or others

Series	Pipe conn. size *2	Dimensions (mm)						Mass (g)*1		
		L <sub>1</sub>	L <sub>2</sub>	H	φD	N	R	S303	B	PVC
YYP	1/8M (03-13)	23	35.5	10	7.5	7	—	7.5	8	—
	1/8M (16-60)	25	—	10	—	7	—	9.3	10	—
	1/4M	34	—	14	—	10.5	—	28	30	—
	3/8M	44	—	19	—	11	—	65	72	—
	1/2M	50	—	22	—	14	—	105	112	—
	3/4M (620)	55	—	27	—	15	—	175	187	—
	3/4M (1000)	65	—	36	—	15	—	345	370	—
YYP (Injection molded)	1M	75	—	41	—	18	—	510	550	—
	1/8M (03-13)	21.5	—	12	—	7	4.5	—	—	1.8
	1/8M (16-30)	22.5	—	12	—	7	5.25	—	—	1.8

\*1) When with a strainer, add 2-5 g to the above mass.

\*2) 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.



Ⓐ Nozzle

Ⓑ Strainer (① Strainer holder ② Strainer screen [S316] ③ Strainer cap)

## YYP series (Metal)

Spray Capacity Code	Pipe Conn. Size						Spray Angle (°)			Spray Capacity (ℓ/min)					Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)	Strainer Mesh Size
	1/8M	1/4M	3/8M	1/2M	3/4M	1M	0.05 MPa	0.15 MPa	0.2 MPa	0.03 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa			
03	●						—	100	107	—	—	0.25	0.30	0.35	190	0.6	100
04	●						—	120	126	—	—	0.33	0.40	0.46		0.7	50
05	●						—	130	136	—	—	0.41	0.50	0.58		0.8	50
07	○						—	130	136	—	—	0.57	0.70	0.81	∩	1.0	—
10	○						103	130	135	—	0.58	0.82	1.00	1.15		1.1	—
13	○						108	130	135	—	0.75	1.06	1.30	1.50		1.3	—
16	○						110	130	134	—	0.92	1.31	1.60	1.85	280	1.5	—
20	○						116	135	139	0.89	1.15	1.63	2.00	2.31		1.7	—
25	○						117	135	139	1.12	1.44	2.04	2.50	2.89		1.8	—
30	○						118	135	139	1.34	1.73	2.45	3.00	3.46	∩	2.0	—
40	○						119	135	139	1.79	2.31	3.27	4.00	4.62		2.4	—
50	○						120	135	138	2.24	2.89	4.08	5.00	5.77		2.6	—
60	○						121	135	138	2.68	3.46	4.90	6.00	6.93	470	2.8	—

●.....With strainer ○.....Without strainer