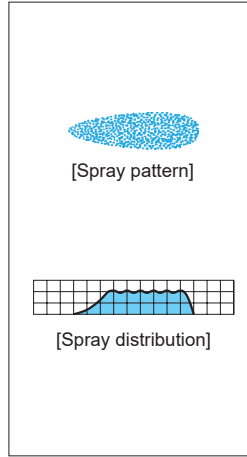


Off-center Even Flat Spray Nozzles

OVVEP

Flat Spray



- Off-center flat spray pattern with uniform distribution across the pattern area.
- In a multi-nozzle arrangement the diagonal spray of the OVVEP series prevents accumulation of spray fluid.
- No need to install the nozzles at an angle, as the angle is already built into the nozzle design.

[STANDARD PRESSURE]

0.3 MPa

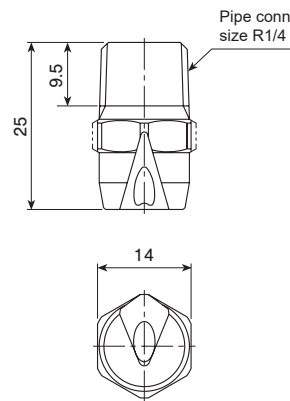
[APPLICATIONS]

Cooling: Steel plates, steel pieces
 Spraying: Etchants, oils, lubricants, glues, acids, insecticides, herbicides
 Cleaning: Steel plates, steel pieces, filters, felts, screens

Structure	• One-piece structure, made of metal.
Material	• S303 SPECIAL ORDER MATERIAL: S316 or others
Weight	• 17 g

[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

DRAWING



Unit: mm

Spray angle code	Spray capacity code	Spray angle (°)			Spray capacity (L/min)											Mean droplet dia. (µm)	Free passage dia. (mm)
		0.05 MPa	0.3 MPa	0.7 MPa	0.05 MPa	0.07 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		
60	200	56	60	62	8.2	9.7	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	51.6	540	3.1
	250	57	60	61	10.2	12.1	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	64.5	∅	3.3
	300	57	60	61	12.2	14.5	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	77.5	670	3.3
45	200	41	45	48	8.2	9.7	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	51.6	600	3.2
	250	42	45	47	10.2	12.1	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	64.5	∅	3.6
	300	42	45	47	12.2	14.5	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	77.5	750	4.0

HOW TO ORDER

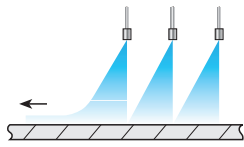
To inquire about or order a specific nozzle please refer to this coding system.

Example: 1/4M OVVEP 60200 S303

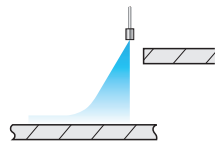
1/4M OVVEP	60	200	S303
Pipe conn. size*	Spray angle code	Spray capacity code	Material
	60	200	
	45	250	
		300	

*"M" indicates male thread ("R" of the ISO standard), e.g. 1/4M = R1/4.

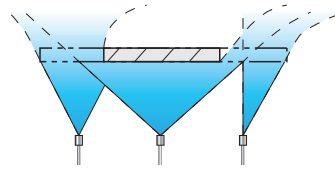
How to Use Off-center Even Flat Spray Nozzles



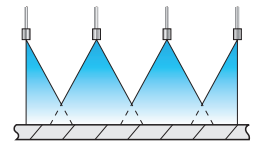
● Spray in one direction



● Spray in limited space



● Avoid wetting the back side of target



● Save spray liquid

Combined Use with Standard Flat Spray Nozzles

For applications such as cooling steel plates, the direction of flow can be controlled by using a combination of OVVEP series nozzles and standard flat spray nozzles.

