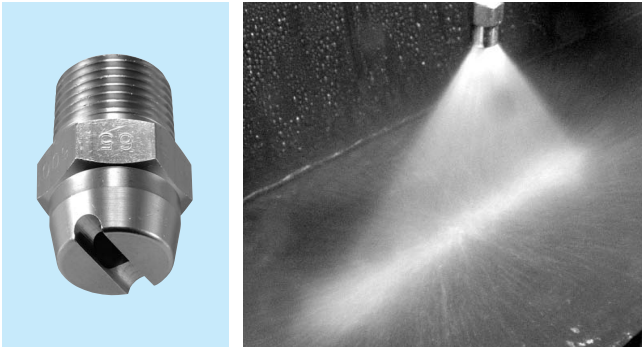


WVVEP
series

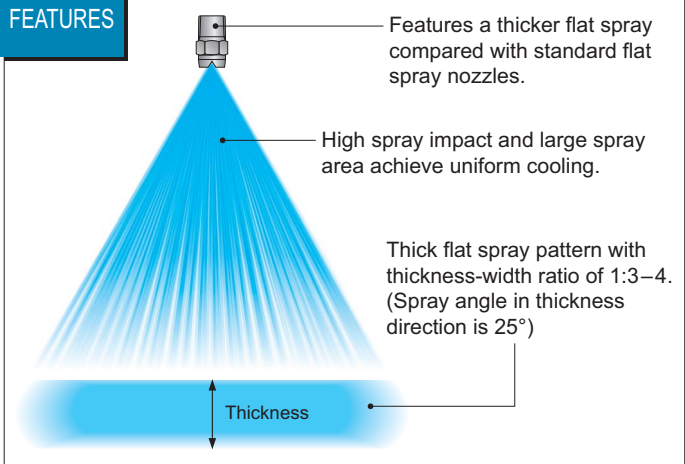
Thick Flat Spray Nozzles with Even Distribution

Plate/Hot strip mill

- Roll cooling
- Cooling plates and steel sheets
- Cooling casted steel



FEATURES

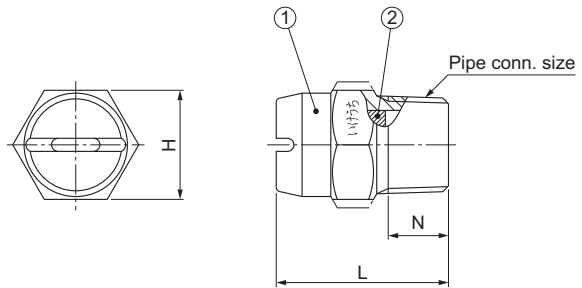


WVVEP series

MATERIALS S303 or ~~B (Brass)~~

Pipe conn. size	Dimensions (mm)			Mass (g)	
	L	H	N	S303	B
R1/4	25	14	9.5	21	23
R3/8	30	19	10.5	37	40
R1/2	38	23	14	65	70

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



① Nozzle body ② Deflector

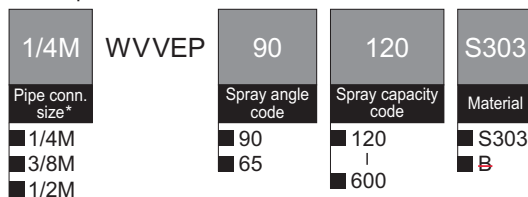
Spray angle code	Spray capacity code	Pipe connection size			Spray angle (°)		Spray capacity (ℓ/min)								Mean droplet diameter (μm)	Free passage diameter (mm)
		R1/4	R3/8	R1/2	Width	Thickness	0.05 MPa	0.1 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	2 MPa		
										0.3 MPa						
90	120	○			90	25	4.90	6.93	9.80	12.0	15.5	18.3	21.9	31.0	400	1.6
	140	○			90	25	5.72	8.08	11.4	14.0	18.1	21.4	25.6	36.1	415	1.6
	200		○		90	25	8.16	11.5	16.3	20.0	25.8	30.6	36.5	51.6	460	1.8
	260		○		90	25	10.6	15.0	21.2	26.0	33.6	39.7	47.5	67.1	460	1.9
	300		○		90	25	12.2	17.3	24.5	30.0	38.7	45.8	54.8	77.5	510	2.0
	400			○	90	25	16.3	23.1	32.7	40.0	51.6	61.1	73.0	103	550	2.1
	500			○	90	25	20.4	28.9	40.8	50.0	64.6	76.4	91.3	129	600	2.2
600			○	90	25	24.5	34.6	49.0	60.0	77.5	91.7	110	155	620	2.4	
65	120	○			65	25	4.90	6.93	9.80	12.0	15.5	18.3	21.9	31.0	430	2.8
	140	○			65	25	5.72	8.08	11.4	14.0	18.1	21.4	25.6	36.1	450	2.9
	200		○		65	25	8.16	11.5	16.3	20.0	25.8	30.6	36.5	51.6	500	3.2
	260		○		65	25	10.6	15.0	21.2	26.0	33.6	39.7	47.5	67.1	500	3.4
	300		○		65	25	12.2	17.3	24.5	30.0	38.7	45.8	54.8	77.5	560	3.5
	400			○	65	25	16.3	23.1	32.7	40.0	51.6	61.1	73.0	103	600	3.7
	500			○	65	25	20.4	28.9	40.8	50.0	64.6	76.4	91.3	129	600	4.0
600			○	65	25	24.5	34.6	49.0	60.0	77.5	91.7	110	155	670	4.5	

Conversion of unit [Pressure] 0.1 MPa ≈ 14.50 psi [Flow rate] 1 ℓ (liter) ≈ 0.26 US gal.
10 psi ≈ 0.07 MPa 1 US gal. ≈ 3.79 ℓ (liter)

How to order

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

<Example> 1/4M WVVEP 90120 S303



*"M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard).

To order, please specify the pipe connection size by replacing respectively "R" and "Rc" by "M" and "F" as in the above chart.