

EJVV
series

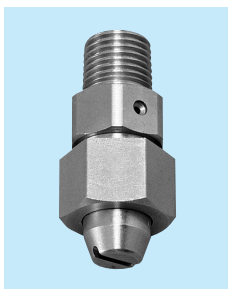
Air Mixing Type Flat Spray Nozzles

Iron making process

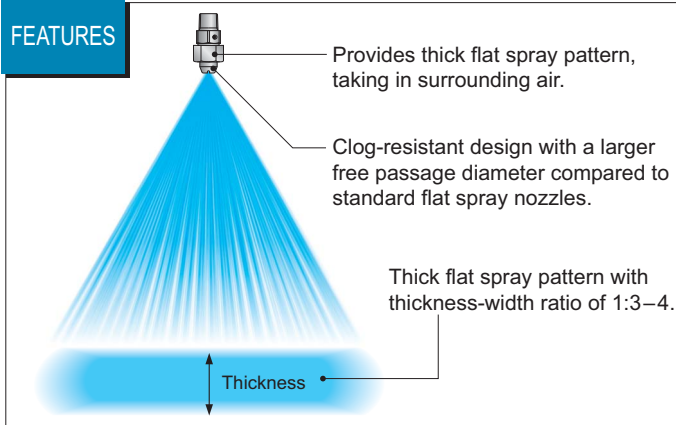
- Washing electric precipitator pole plates

Rolling mill process

- Cooling steel plates

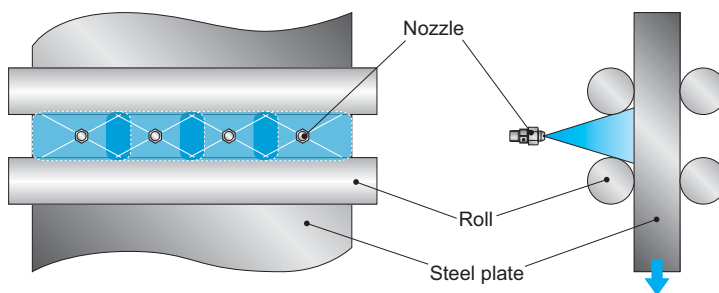


FEATURES



EJVV used in cooling steel plates

EJVV series nozzles, with large spray coverage in thickness direction, achieve uniform and effective cooling in the entire spray area.



MATERIALS S303 or B (Brass)

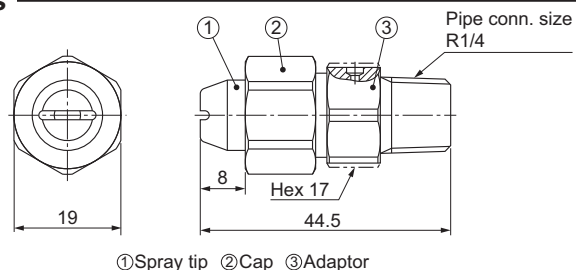
OPTIONAL MATERIAL: S316 or others

MASS

S303: 57 g, B: 60 g

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

EJVV series



Spray angle code	Spray capacity code	Spray angle (°)		Spray capacity (ℓ/min)						Mean droplet diameter (μm)	Free passage diameter (mm)
		0.3 MPa	0.7 MPa	0.25 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	2 MPa		
90	20	90	90	1.83	2.00	2.58	3.06	3.65	5.16	320	0.9
	30	90	90	2.74	3.00	3.87	4.58	5.48	7.75		1.1
	40	90	90	3.65	4.00	5.16	6.11	7.30	10.3		1.2
	50	90	90	4.56	5.00	6.45	7.64	9.13	12.9	420	1.3
	60	90	90	5.78	6.00	7.75	9.17	11.0	15.5		1.5
	80	90	90	7.30	8.00	10.3	12.2	14.6	20.7		1.7
	100	90	90	9.13	10.0	12.9	15.3	18.3	25.8	570	2.0
120	90	90	11.0	12.0	15.5	18.3	21.9	31.0	2.2		
80	20	80	80	1.83	2.00	2.58	3.06	3.65	5.16	320	0.9
	30	80	80	2.74	3.00	3.87	4.58	5.48	7.75		1.1
	40	80	80	3.65	4.00	5.16	6.11	7.30	10.3		1.3
	50	80	80	4.56	5.00	6.45	7.64	9.13	12.9	430	1.5
	60	80	80	5.78	6.00	7.75	9.17	11.0	15.5		1.7
	80	80	80	7.30	8.00	10.3	12.2	14.6	20.7		1.9
	100	80	80	9.13	10.0	12.9	15.3	18.3	25.8	590	2.2
120	80	80	11.0	12.0	15.5	18.3	21.9	31.0	2.6		

Cautions for use

Spray pressure must be 0.25 MPa or higher to provide stable spray pattern.
Low pressure causes unstable spraying since EJVV series nozzle takes in surrounding air.

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 EJVV 9020 S303

1/4M EJVV

