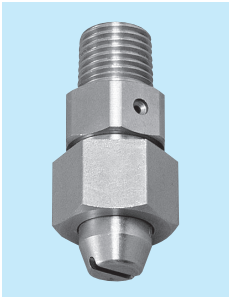
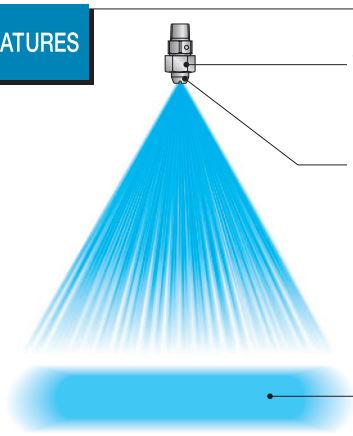
EJVV series Air Mixing Type Flat Spray Nozzles

Iron making process — Washing electric precipitator pole plates

Rolling mill process — Cooling steel plates

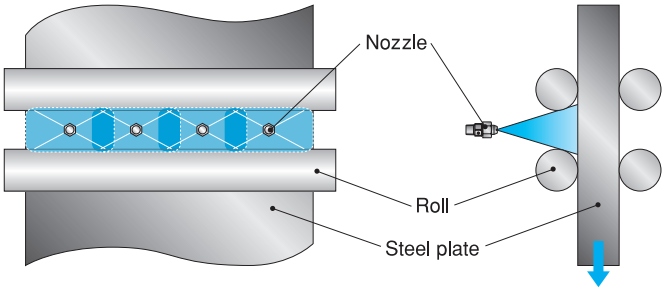


FEATURES



EJVV used in cooling steel plates

EJVV achieves uniform and effective cooling in the entire spray area with large thick spray.



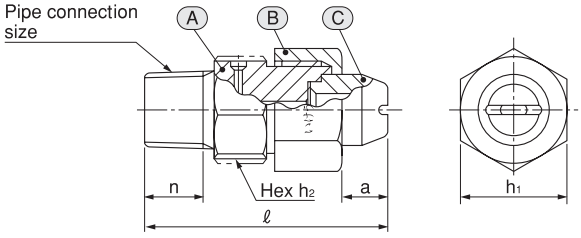
EJVV series

MATERIALS Brass (C3604) or S303

OPTIONAL MATERIAL:
S316 or others

Series	Pipe conn. size	Dimensions (mm)					Mass (g)	
		ℓ	h_1	h_2	a	n	B	S303
EJVV	1/4M	44.5	19	17	8	10.5	60	57

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



Performance Data

Spray angle code	Spray capacity code	Pipe connection size	Spray angle 0.3 MPa	Spray angle 0.7 MPa	Spray capacity (ℓ/min) 0.25 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	2 MPa	Mean droplet diameter (μm)	Free passage diameter (mm)
90°	20	1/4M	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		1.3
	60		90°	90°	5.78	6.00	7.75	9.17	11.0	15.5	420	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		2.0
	120		90°	90°	11.0	12.0	15.5	18.3	21.9	31.0	570	2.2
80°	20	1/4M	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		1.5
	60		80°	80°	5.78	6.00	7.75	9.17	11.0	15.5	430	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		2.2
	120		80°	80°	11.0	12.0	15.5	18.3	21.9	31.0	590	2.6

*Please use EJVV at pressure over 0.25MPa.

Conversion of unit [Pressure] 0.1MPa ≒ 14.50psi 10psi ≒ 0.069MPa [Flow rate] 1ℓ(liter) ≒ 0.264 US gal. 1US gal. ≒ 3.79ℓ(liter)

How to order

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

〈Example〉 1/4MEJVV 90 20 B

1/4MEJVV

90	20	B
Spray angle code	Spray capacity code	Material
■ 90°	■ 20	■ B
■ 80°	⟆	■ S303
	■ 120	