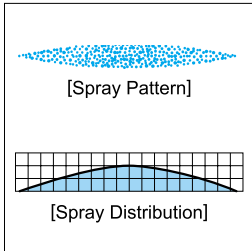
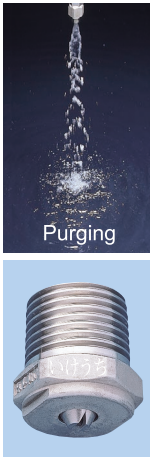


Self-cleaning Flat Spray Nozzles

MOMOJet®



- [Features]**
- If clogged, by reducing the pressure to 0.03MPa, the spray tip is retracted and purges foreign particles. By increasing the pressure to 0.2MPa or above, normal spraying is restored.
 - Straight-through orifice is suitable for multiple-nozzle arrangement.

[Standard Pressure]
0.3MPa

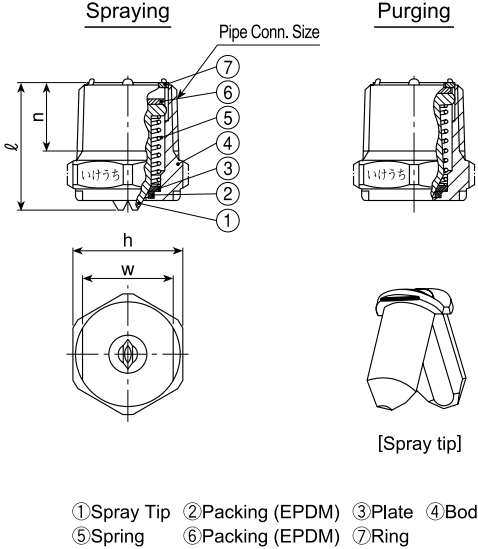
- [Applications]**
- Paper & Pulp : Cleaning wires, felts, rolls, etc.
Iron & Steel : Cooling billets, metal sheets, etc.
Water treatment : Cleaning filter presses, belt presses, foam breaking, aeration filter sand surface cleaning, etc.
Electric & Electronic : Cleaning substrates with alkaline liquid, etc.
Automobile, Home electric : Cleaning before painting

MOMOJet®-series

	MOMOJet®-series
Structure	• By changing the liquid pressure, a built-in spring moves the split spray tip up and down and opens the orifice for purging. • Spray tips are made by metal injection molding.
Material	• S303 (stainless steel 303)

Series	Pipe Conn. Size	Dimensions(mm)				Mass(g)
		ℓ	h	w	n	S303
MOMOJet®	1/2M	27	23	19	14	45

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



Spray Angle Code	Spray Capacity Code	Pipe Conn. Size	Spray Angle		Spray Capacity (ℓ/min)							Mean Drop. Dia. (μm)	Free Pass Dia.	
			0.3 MPa	0.7 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa		Spraying (mm)	Purging (mm)
80°	20	1/2M	80°	86°	1.63	2.00	2.58	3.06	3.65	4.47	5.16	300	0.8	3.0
	40		80°	83°	3.27	4.00	5.16	6.11	7.30	8.94	10.3	5	1.2	3.3
	60		80°	83°	4.90	6.00	7.75	9.17	11.0	13.4	15.5	490	1.5	3.5

- [Note]
1. At start of spraying, a flow rate of about 9ℓ/min at 0.05MPa is required for all models because the spray tip opens wide. Select an appropriate pump.
 2. MOMOJet® is designed to start spraying at 0.1MPa, use at 0.2MPa or higher is recommended.
 3. As these nozzles have active spray tips, under the standard pressure there is only a guarantee of spray capacity within ±10% and spray angle within ±10°.

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

〈Example〉...1/2MOMO8020S303

1/2 MOMO 80 20 S303

Spray Capacity Code
20
40
60

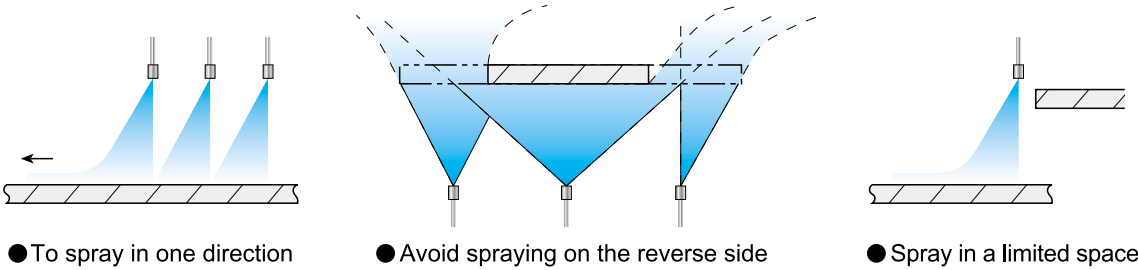
ALSO AVAILABLE!

Self-cleaning
Solid Stream Jet
MOMOJet®“C”

See p.95 of this catalog.

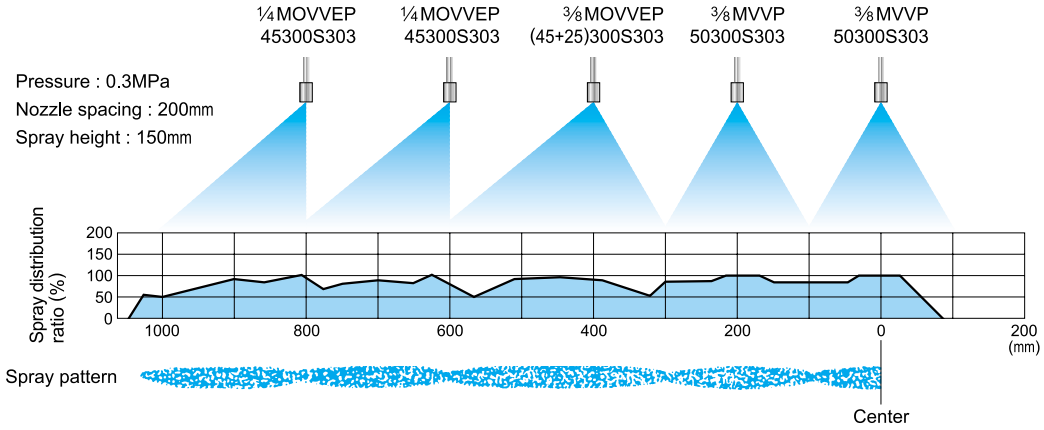
For Effective Use of Off-center Even Flat Spray Nozzles

How to Use Off-center Even Flat Spray Nozzles



Example of Use

For cooling steel plate, etc., the direction of flow can be controlled by combining use of OVVEP nozzles and standard flat spray nozzles.



For Effective Use of Self-cleaning Flat Spray Nozzles

MOMOJet® Self-cleaning Nozzles

On purging, the spray tips open wide and the spray capacity increases. This must be taken into consideration when selecting a pump.

