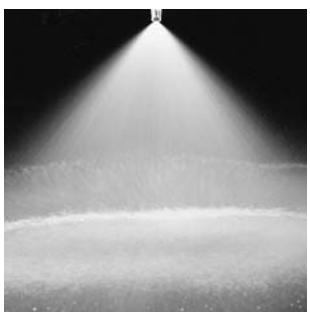
FullJet® Spray Nozzles • Wide Angle Spray
Medium Capacity



H-W



One-piece body
3/4"-1" NPT or BSPT (F)

H-W



One-piece cast body
1-1/4"-3" NPT or BSPT (F)

HH-W



One-piece body
3/4"-1" NPT or BSPT (M)

DESIGN FEATURES

Medium capacity wide angle FullJet nozzles feature a solid cone-shaped spray pattern with a round impact area and spray angles of 112° to 120°. They produce a uniform spray of medium to coarse drops across their entire spray area to give excellent results in spraying applications requiring complete coverage of an area or zone. This uniform spray distribution results from a unique vane design and exacting internal proportions.

- **Model H-W** and **HH-W** wide angle FullJet nozzles feature two-piece construction with non-removable vanes.
- **Model H-W FullJet nozzles (cast-type)** feature two-piece construction with removable vanes.

ACCESSORIES

- Split-eyelet Connector
- Adjustable Ball Fittings
- Strainers
- Pressure Gauges
- Pressure Regulators
- Pressure Relief Valves
- Control Valves
- Solenoid Valves
- Check Valves

See Section L for more info.

COMMON APPLICATIONS

- Washing and rinsing processes
- Quenching and cooling of coke, primary metals, and other chemicals
- Suppression of fugitive dust in the processing of bulk ores, coal, limestone, sand, and gravel
- Scrubbing, washing, and cooling of flue gases to remove fly ash and other products of combustion
- Deluging combustible materials and storage tanks for fire suppression and prevention
- Breaking up and deaerating foam
- Creating and dispersing drops in chemical reaction processing

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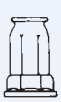
Medium Capacity

PERFORMANCE DATA

Nozzle Inlet Conn. NPT or BSPT	Nozzle Type Conn. F H-W	Nozzle Type Conn. M HH-W	Capacity Size	Orifice Dia. Nom.	Max. Free Passage Dia.*	Capacity (gallons per minute) 5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	Spray Angle 5 psi	10 psi	80 psi
3/4	●	●	6W	.391"	.172"	5.2	6.0	7.0	8.4	9.5	11.4	12.9	15.4	17.5	115°	120°	112°
1	●	●	11W	.516"	.219"	9.5	11.0	12.9	15.4	17.5	21	24	28	32	117°	120°	117°
1-1/4	●	●	16W	.609"	.250"	13.8	16.0	18.7	22	25	30	34	41	47	118°	121°	119°
1-1/2	●	●	24W	.719"	.406"	21	24	28	34	38	46	52	62	70	119°	124°	119°
2	●		47W	.984"	.438"	41	47	55	66	75	89	101	121	137	120°	124°	119°
2-1/2	●		70W	1.250"	.563"	60	70	82	98	111	133	151	180	204	120°	125°	119°
3	●		95W	1.375"	.688"	82	95	111	133	151	180	205	245	277	120°	125°	119°

* Foreign matter with maximum diameter as listed can pass through nozzle without clogging.

DIMENSIONS & WEIGHTS

	Nozzle Type (Conn.)	Nozzle Inlet Conn. NPT or BSPT	Length	Dia.	Net Weight
H-W Bar Stock 	**H-W Bar Stock (F)**	3/4	2-3/16"	1-1/4"	7-1/4 oz.
		1	2-3/4"	1-1/2"	13 oz.
H-W Cast 	**H-W Cast (F)**	1-1/4	3-7/16"	2-1/16"	1-1/4 lbs.
		1-1/2	4-1/16"	2-5/16"	1-3/4 lbs.
		2	5-7/16"	3"	3-3/4 lbs.
		2-1/2	6-7/8"	3-7/16"	4-3/4 lbs.
		3	7-23/32"	4-1/8"	6 lbs.
HH-W 	**HH-W (M)**	3/4	1-19/32"	1-1/16"	3-1/2 oz.
		1	2-3/32"	1-5/16"	7 oz.
		1-1/4	2-3/4"	1-11/16"	13-1/2 oz.
		1-1/2	3-1/4"	2"	20 oz.

Based on largest/heaviest version of each type.

MATERIALS

Material	Material Code	Nozzle Type H-W	Nozzle Type HH-W
Bar Stock			
Brass	(none)	●	●
Mild Steel	I	●	●
303 Stainless Steel	SS	●	●
316 Stainless Steel	316SS	●	●
Polyvinyl Chloride	PVC		●
Cast			
Brass	(none)	●	
Cast Iron	I	●	
316 Stainless Steel	SS	●	

Other materials available upon request.

ORDERING INFO

STANDARD SPRAY NOZZLE

3/4 H – SS 6W

Inlet Conn.	Nozzle Type	Material Code	Capacity Size

Spraying Systems Co.®

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