VeeJet® Spray Nozzles • Standard Spray
Medium Capacity



H-U



3/4" NPT or BSPT (M)

U



1"-2" NPT or BSPT (M)

ACCESSORIES

- Split-eyelet Connector
- Pressure Gauges
- Adjustable Ball Fittings
- Pressure Relief Valves
- Strainers
- Control Valves
- Check Valves
- Swivel Connectors

See Section L for more info.

DESIGN FEATURES

Standard VeeJet spray nozzles feature a high impact solid stream or flat spray pattern with spray angles of 0° (solid stream) to 110° at 40 psi (3 bar). They produce a uniform distribution of small- to medium-sized drops. Specially tapered spray pattern edges provide even spray coverage when several nozzles with overlapping patterns are required.

- **Model H-U** VeeJet spray nozzles feature flow rates of 1 gpm (3.9 l/min) and greater at 40 psi (3 bar).
- **Model U** VeeJet spray nozzles feature flow rates of 40 gpm (152 l/min) and greater at 40 psi (3 bar).

COMMON APPLICATIONS

- Cooling and quenching
- Product washing
- Water cooling
- Air and gas washers
- Scrubbers
- Liquor washers
- Dust control
- Fire protection

PERFORMANCE DATA

Spray Angle at 40 psi	Nozzle Type/ Inlet Connection				Capacity Size	Equiv. Orifice Dia.	Capacity (gallons per minute)											Spray Angle			
	H-U	U					5 psi	10 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
	3/4	1	1-1/4	2																	
95°	●				400	.472"	14.1	20	28	35	40	49	57	63	90	110	142	93°	95°	99°	102°
80°	●				200	.334"	7.1	10.0	14.1	17.3	20	25	28	32	44	55	71	76°	80°	81°	83°
	●				400	.472"	14.1	20	28	35	40	49	57	63	90	110	142	78°	80°	81°	83°
		●			500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	78°	80°	81°	83°
		●			580	.569"	21	29	41	50	58	71	82	92	130	159	205	78°	80°	81°	83°
65°	●				200	.334"	7.1	10.0	14.1	17.3	20	25	28	32	44	55	71	60°	65°	67°	69°
	●				250	.373"	8.8	12.5	17.7	22	25	31	35	40	56	68	88	60°	65°	67°	69°
	●				300	.409"	10.6	15.0	21	26	30	37	42	47	67	82	106	60°	65°	67°	69°
	●				400	.472"	14.1	20	28	35	40	49	57	63	90	110	142	60°	65°	67°	69°
		●	●		500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	60°	65°	66°	68°
		●			580	.569"	21	29	41	50	58	71	82	92	130	159	205	61°	65°	66°	68°

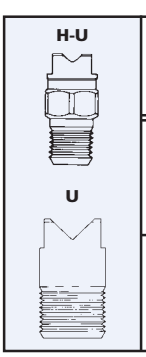
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PERFORMANCE DATA

Spray Angle at 40 psi	Nozzle Type/ Inlet Connection				Capacity Size	Equiv. Orifice Dia.	Capacity (gallons per minute)											Spray Angle			
	H-U	U					5 psi	10 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
	3/4	1	1-1/4	2																	
50°	●				400	.472"	14.1	20	28	35	40	49	57	63	90	110	142	46°	50°	52°	55°
		●	●		500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	49°	50°	51°	54°
		●			580	.569"	21	29	41	50	58	71	82	92	130	159	205	49°	50°	51°	53°
			●		750	.647"	27	38	53	65	75	92	106	119	168	206	266	49°	50°	51°	53°
			●		1000	.747"	35	50	71	87	100	123	142	158	223	273	353	49°	50°	51°	53°
				●	1500	.915"	53	75	106	130	150	184	212	237	335	411	530	49°	50°	51°	52°
				●	2000	1.056"	71	100	142	173	200	245	283	316	447	547	707	49°	50°	51°	52°
40°		●			500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	38°	40°	41°	45°
25°		●	●		500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	24°	25°	26°	29°
			●		750	.647"	27	38	53	65	75	92	106	119	168	206	266	24°	25°	26°	28°
			●		1000	.747"	35	50	71	87	100	123	142	158	223	273	353	24°	25°	26°	28°
15°			●		500	.528"	17.7	25	35	43	50	61	71	79	112	137	177	14°	15°	16°	17°
			●		1000	.747"	35	50	71	87	100	123	142	158	223	273	353	14°	15°	16°	17°
00°	●				350	.437"	12.4	17.5	25	30	35	43	50	55	78	96	124	00° Solid Stream			
		●	●		570	.558"	20	29	40	49	57	70	81	90	127	156	202				
	●				700	.618"	25	35	50	61	70	86	98	111	157	192	247				
		●			1000	.739"	35	50	71	87	100	123	142	158	223	273	353				
		●			1100	.775"	39	55	78	95	110	135	156	174	246	301	389				
			●		1400	.875"	50	70	99	121	140	171	198	221	313	383	495				
			●		1800	.992"	64	90	127	156	180	220	254	285	402	493	636				
				●	2000	1.045"	71	100	142	173	200	245	283	316	447	547	706				
				●	3500	1.383"	125	175	247	303	350	428	494	553	783	958	1240				

DIMENSIONS & WEIGHTS



Nozzle Type (Conn.)	Nozzle Inlet Conn. NPT or BSPT	Length	Hex.	Net Weight
H-U (M)	3/4	2"	1-1/16" hex.	5 oz.
U (M)	1	2-1/2"	1-5/16" dia.	9 oz.
	1-1/4	3-3/4"	1-11/16" dia.	1-1/4 lbs.
	2	5"	2-3/8" dia.	4-1/4 lbs.

Based on largest/heaviest version of each type.

Mesh Selection Guide	
Orifice Dia.	Recommended Screen Mesh
Up through .018" (.46 mm)	200
.019" (.47 mm) through .031" (.79 mm)	100
.032" (.80 mm) and larger	50

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MATERIALS

Material	Material Code	Nozzle Type	
		H-U	U
Brass	(none)	●	●
Mild Steel	I	●	●
303 Stainless Steel	SS	●	●
316 Stainless Steel	316SS	●	
Polyvinyl Chloride	PVC	●	

Other materials available upon request.

ORDERING INFO

STANDARD SPRAY NOZZLE

H	3/4	U	–	SS	95	400
Nozzle Prefix	Inlet Conn.	Nozzle Type		Material Code	Spray Angle	Capacity Size

STANDARD SPRAY NOZZLE

1	U	–	SS	50	500
Inlet Conn.	Nozzle Type		Material Code	Spray Angle	Capacity Size



Medium capacity VeeJet nozzles are used to clean general aviation aircraft.