

WashJet[®] Spray Nozzles • High Impact Spray

Small Capacity



FLAT SPRAY NOZZLES



MEG



1/8"-1/4" NPT or BSPT (M)

WEG



1/8"-1/4" NPT or BSPT (F)

MEG-SSTC



Tungsten carbide orifice insert
1/4" NPT or BSPT (M)

23990



Adjustable WashJet nozzle
spray angles 0°- 80°
1/8"-1/4" NPT or BSPT (F)

48099



Adjustable WashJet nozzle
spray angles 0°- 80°
1/8"-1/4" NPT or BSPT (F)

24055



Adjustable high/low
WashJet nozzle
spray angles 0°- 80°
1/8"-1/4" NPT or BSPT (F)

IMEG



Threaded WashJet nozzle
1/8"-1/4" NPT or BSPT (M)

DESIGN FEATURES

Model MEG/WEG WashJet high pressure spray nozzles operate at pressures from 300 to 4000 psi (20 to 275 bar) and feature a high impact solid stream (0°) or flat spray pattern with spray angles of 5° to 65°.

WashJet nozzles produce a uniform spray distribution of medium-sized drops.

An internal guide vane stabilizes liquid turbulence to provide maximum spray integrity and impact.

Milled flats are parallel to the plane of the spray pattern to provide a quick visual reference for spray alignment.

Specially hardened stainless steel construction provides longer wear life and flow control accuracy.

Model MEG-SSTC WashJet spray nozzles provide the same performance features as standard MEG nozzles with tungsten carbide orifice inserts for maximum erosion resistance.

Model 23990 and 48099 Adjustable WashJet nozzles provide spray angles from solid stream to an 80° flat spray pattern to 3000 psi (200 bar). The Model 23990 nozzle features a hardened stainless steel orifice for wear resistance and long life. The outer covering is made of nylon for additional protection. The 48099 features a solid brass or stainless steel cap.

Model 24055 Adjustable high/low WashJet nozzle provides two pressure settings and adjustable

spray angles from solid stream to an 80° flat spray pattern. Pressure is adjusted by a sliding valve. Spray angles are changed by rotating the outer cover.

Model IMEG nozzle utilizes a through hardening process to impart a hardened shield on the entire stainless steel nozzle body, providing superior chemical and corrosion resistance. Patent-pending internal design optimizes fluid dynamics to minimize turbulence and maximize spray pattern performance.



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Small Capacity



FLAT SPRAY NOZZLES

PERFORMANCE DATA

MEG, MEG-SSTC

Nozzle Type and Spray Angle																		Capacity Size	Capacity (gallons per minute)													
1/8 MEG						1/4 MEG						1/4 MEG-SSTC							300	400	500	600	700	800	1000	1500	2000	2500	3000			
*00°	5°	15°	25°	40°	50°	65°	*00°	5°	15°	25°	40°	50°	65°	*00°	5°	15°	25°		40°	50°	65°	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi
		•					•		•												16	4.4	5.1	5.7	6.2	6.7	7.2	8.0	9.8	11.3	12.6	13.9
							•		•	•	•									•	18	4.9	5.7	6.4	7.0	7.5	8.0	9.0	11.0	12.7	14.2	15.6
•							•	•	•	•	•	•		•	•						20	5.5	6.3	7.1	7.7	8.4	8.9	10.0	12.3	14.1	15.8	17.3
							•	•	•	•	•										25	6.9	7.9	8.9	9.7	10.5	11.2	12.5	15.3	17.7	19.8	22
							•	•	•	•	•		•								30	8.2	9.5	10.6	11.6	12.5	13.4	15.0	18.4	21	24	26
							•	•	•	•	•										35	9.6	11.1	12.4	13.6	14.6	15.7	17.5	21	25	28	30
							•	•	•	•	•										40	11.0	12.6	14.1	15.5	16.7	17.9	20	24	28	32	35
							•	•	•	•	•										50	13.7	15.8	17.7	19.4	21	22	25	31	35	40	43
							•	•	•	•	•										60	16.4	19.0	21	23	25	27	30	37	42	47	52
							•	•	•	•	•										70	19.2	22	25	27	29	31	35	43	49	55	61
							•	•	•	•	•										80	22	25	28	31	33	36	40	49	57	63	69
							•	•	•	•	•										90	25	28	32	35	38	40	45	55	64	71	78
							•	•	•	•	•										105	29	33	37	41	44	47	53	64	75	83	91

* 00° = Solid Stream.

WEG

Nozzle Type and Spray Angle														Capacity Size	Capacity (gallons per minute)																
1/8 WEG							1/4 WEG								300	400	500	600	700	800	1000	1500	2000	2500	3000						
*00°	5°	15°	25°	40°	50°	65°	*00°	5°	15°	25°	40°	50°	65°		psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi					
•		•	•	•			•		•	•	•		•							03	.82	.95	1.1	1.2	1.3	1.4	1.5	1.8	2.1	2.4	2.6
		•	•	•			•		•	•	•		•							04	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.5	2.8	3.2	3.5
		•	•	•			•		•	•	•		•							045	1.2	1.4	1.6	1.7	1.9	2.0	2.3	2.8	3.2	3.6	3.9
•		•	•	•			•		•	•	•	•		•						05	1.4	1.6	1.8	1.9	2.1	2.2	2.5	3.1	3.5	4.0	4.3
•		•	•	•			•		•	•	•		•							055	1.5	1.7	1.9	2.1	2.3	2.5	2.8	3.4	3.9	4.3	4.8
•		•	•	•			•		•	•	•		•							06	1.6	1.9	2.1	2.3	2.5	2.7	3.0	3.7	4.2	4.7	5.2
		•	•	•			•		•	•	•		•							065	1.8	2.1	2.3	2.5	2.7	2.9	3.3	4.0	4.6	5.1	5.6
•		•	•	•			•		•	•	•		•							07	1.9	2.2	2.5	2.7	2.9	3.1	3.5	4.3	4.9	5.5	6.1
		•	•	•			•		•	•	•		•							08	2.2	2.5	2.8	3.1	3.4	3.6	4.0	4.9	5.7	6.3	6.9

* 00° = Solid Stream.



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FLAT SPRAY NOZZLES

PERFORMANCE DATA

WEG

Nozzle Type and Spray Angle												Capacity Size	Capacity (gallons per minute)												
1/8 WEG						1/4 WEG							300 psi	400 psi	500 psi	600 psi	700 psi	800 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi		
*00°	5°	15°	25°	40°	50°	65°	*00°	5°	15°	25°	40°		50°	65°											
•														085	2.3	2.7	3.0	3.3	3.6	3.8	4.3	5.2	6.0	6.7	7.4
•														09	2.5	2.9	3.2	3.5	3.8	4.0	4.5	5.5	6.4	7.1	7.8
														095	2.6	3.0	3.4	3.7	4.0	4.2	4.8	5.8	6.7	7.5	8.2
•														10	2.7	3.2	3.5	3.9	4.2	4.5	5.0	6.1	7.1	7.9	8.7
														15	4.1	4.7	5.3	5.8	6.3	6.7	7.5	9.2	10.6	11.9	13.0
														16	4.4	5.1	5.7	6.2	6.7	7.2	8.0	9.8	11.3	12.6	13.9
•														20	5.5	6.3	7.1	7.7	8.4	8.9	10.0	12.3	14.1	15.8	17.3
														30	8.2	9.5	10.6	11.6	15.5	13.4	15.0	18.4	21	24	26

* 00° = Solid Stream.

DIMENSIONS & WEIGHTS

MEG, WEG	Nozzle Type (Conn.)	Nozzle Inlet Conn. NPT or BSPT	Length	Hex.	Flats	Net Weight
	MEG (M)	1/8	7/8"	1/2"	5/16"	.61 oz.
		1/4	29/32" flat 1-1/64" solid	9/16"	13/32"	.76 oz.
	WEG (F)	1/8	1"	1/2"	5/16"	.95 oz.
		1/4	1-1/8"	5/8"	5/16"	.68 oz.

Based on largest/heaviest version of each type.

ORDERING INFO

STANDARD SPRAY NOZZLE			
1/8 WEG - 15 03			
Inlet Conn.	Nozzle Type	Spray Angle	Capacity Size



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FLAT SPRAY NOZZLES

PERFORMANCE DATA

23990 AND 48099 ADJUSTABLE WASHJET NOZZLE

Capacity Size	Capacity (gallons per minute)								
	300 psi	500 psi	700 psi	800 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
02	.55	.71	.84	.89	1.0	1.2	1.4	1.6	1.7
03	.82	1.1	1.3	1.4	1.5	1.8	2.1	2.4	2.6
035	1.0	1.2	1.5	1.6	1.8	2.1	2.5	2.8	3.0
04	1.1	1.4	1.7	1.8	2.0	2.5	2.8	3.2	3.5
045	1.2	1.6	1.9	2.0	2.3	2.8	3.2	3.6	3.9
05	1.4	1.8	2.1	2.2	2.5	3.1	3.5	4.0	4.3
055	1.5	1.9	2.3	2.5	2.8	3.4	3.9	4.3	4.8
06	1.6	2.1	2.5	2.7	3.0	3.7	4.2	4.7	5.2
065	1.8	2.3	2.7	2.9	3.3	4.0	4.6	5.1	5.6
07	1.9	2.5	2.9	3.1	3.5	4.3	4.9	5.5	6.0
075	2.1	2.7	3.1	3.4	3.8	4.6	5.3	5.9	6.5
08	2.2	2.8	3.4	3.6	4.0	4.9	5.7	6.3	6.9
085	2.3	3.0	3.6	3.8	4.3	5.2	6.0	6.7	7.4
09	2.5	3.2	3.8	4.0	4.5	5.5	6.4	7.1	7.8
095	2.6	3.4	4.0	4.2	4.8	5.8	6.7	7.5	8.3
10	2.7	3.5	4.2	4.5	5.0	6.1	7.1	7.9	8.6
11	3.0	3.9	4.6	4.9	5.5	6.7	7.8	8.7	9.5
12	3.3	4.2	5.0	5.4	6.0	7.3	8.5	9.5	10.4
14	3.8	4.9	5.9	6.3	7.0	8.6	9.9	11.1	12.1
16	4.4	5.7	6.7	7.2	8.0	9.8	11.3	12.6	13.9
18	4.9	6.4	7.5	10.6	9.0	11.0	12.7	14.2	15.6
20	5.5	7.1	8.4	8.9	14.1	12.2	14.1	15.8	17.4
22	6.0	7.8	9.2	9.8	11.0	13.5	15.6	17.4	19.1

24055 ADJUSTABLE HIGH/LOW WASHJET NOZZLE

Capacity Size	Capacity High Pressure Setting (gallons per minute)						
	500 psi	600 psi	700 psi	800 psi	1000 psi	1500 psi	2000 psi
02	.71	.77	.84	.89	1.0	1.2	1.4
03	1.1	1.2	1.3	1.4	1.5	1.8	2.1
035	1.2	1.4	1.5	1.6	1.8	2.1	2.5
04	1.4	1.6	1.7	1.8	2.0	2.5	2.8
045	1.6	1.7	1.9	2.0	2.3	2.8	3.2
05	1.8	1.9	2.1	2.2	2.5	3.1	3.5
055	1.9	2.1	2.3	2.5	2.8	3.4	3.9
06	2.1	2.3	2.5	2.7	3.0	3.7	4.2
065	2.3	2.5	2.7	2.9	3.3	4.0	4.6
07	2.5	2.7	2.9	3.1	3.5	4.3	4.9
075	2.7	2.9	3.1	3.4	3.8	4.6	5.3
08	2.8	3.1	3.4	3.6	4.0	4.9	5.7
10	3.5	3.9	4.2	4.5	5.0	6.1	7.1

Capacity* Low Pressure Setting	
psi	gpm
40	2.1
100	3.3
200	4.7
300	5.7

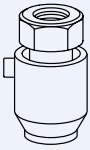
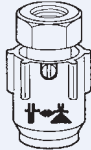
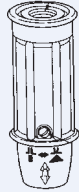
ORDERING INFO

STANDARD SPRAY NOZZLE		
23990 - 1/4 - 02		
 Nozzle Type	 Inlet Conn.	 Capacity Size

STANDARD SPRAY NOZZLE		
48099 - 1/4 - 02		
 Nozzle Type	 Inlet Conn.	 Capacity Size

STANDARD SPRAY NOZZLE		
24055 - 1/4 - 02		
 Nozzle Type	 Inlet Conn.	 Capacity Size

DIMENSIONS & WEIGHTS

48099	23990	24055	Nozzle Type (Conn.)	Nozzle Inlet Conn. NPT or BSPT	Length	Hex.	Dia.	Net Weight
			23990 (F)	1/8 1/4	1-7/8"	7/8"	1-3/16"	3.3 oz.
			48099 (F)	1/8 1/4	1-7/8"	7/8"	1-3/16"	4.8 oz.
			24055 (F)	1/8 1/4	3-13/16"	7/8"	1-3/8"	6.7 oz.

Based on largest/heaviest version of each type.



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PERFORMANCE DATA

IMEG

Nozzle Inlet Conn. NPT or BSPT(M)	Spray Angle at 40 psi								Capacity Size	Capacity (gallons per minute)												
	5°	10°	15°	25°	40°	50°	65°	80°		300 psi	400 psi	500 psi	600 psi	700 psi	800 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi
1/8, 1/4	•	•	•	•	•	•	•	•	03	.82	.95	1.1	1.2	1.3	1.4	1.5	1.8	2.1	2.4	2.6	2.8	3.0
	•	•	•	•	•	•	•	•	035	1.0	1.1	1.2	1.4	1.5	1.6	1.8	2.1	2.5	2.8	3.0	3.3	3.5
	•	•	•	•	•	•	•	•	04	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.5	2.8	3.2	3.5	3.7	4.0
	•	•	•	•	•	•	•	•	045	1.2	1.4	1.6	1.7	1.9	2.0	2.3	2.8	3.2	3.6	3.9	4.2	4.5
	•	•	•	•	•	•	•	•	05	1.4	1.6	1.8	1.9	2.1	2.2	2.5	3.1	3.5	4.0	4.3	4.7	5.0
	•	•	•	•	•	•	•	•	055	1.5	1.7	1.9	2.1	2.3	2.5	2.8	3.4	3.9	4.3	4.8	5.1	5.5
	•	•	•	•	•	•	•	•	06	1.6	1.9	2.1	2.3	2.5	2.7	3.0	3.7	4.2	4.7	5.2	5.6	6.0
	•	•	•	•	•	•	•	•	065	1.8	2.1	2.3	2.5	2.7	2.9	3.3	4.0	4.6	5.1	5.6	6.1	6.5
	•	•	•	•	•	•	•	•	07	1.9	2.2	2.5	2.7	2.9	3.1	3.5	4.3	4.9	5.5	6.1	6.5	7.0
	•	•	•	•	•	•	•	•	075	2.1	2.4	2.7	2.9	3.1	3.4	3.8	4.6	5.3	5.9	6.5	7.0	7.5
•	•	•	•	•	•	•	•	08	2.2	2.5	2.8	3.1	3.4	3.6	4.0	4.9	5.7	6.3	6.9	7.5	8.0	

DIMENSIONS & WEIGHTS

IMEG	Nozzle Type (Conn.)	Nozzle Inlet Conn. NPT or BSPT	Length	Hex.	Net Weight
	IMEG (M)	1/8	7/8"	1/2"	.61 oz.
		1/4	1-15/64"	9/16"	.76 oz.

Based on largest/heaviest version of each type.

ORDERING INFO

STANDARD SPRAY NOZZLE			
1/4 IMEG – 15 05			
 Inlet Conn.	 Nozzle Type	 Spray Angle	 Capacity Size



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Small Capacity (1/8"–3/4" inlet connection size)

Standard Spray

VeeJet® Spray Nozzles	118
KYNAR® VeeJet Spray Nozzles	127
Quick VeeJet Spray Nozzles	129
ProMax® Miniature Quick VeeJet Spray Nozzles	137
ProMax Quick VeeJet Spray Nozzles	139
UniJet® Spray Nozzles	141

Wide Angle Spray

FloodJet® Spray Nozzles	151
Quick FloodJet Spray Nozzles	154
UniJet Spray Nozzles - FloodJet Tip	157

Tapered Edge – Wide Angle Spray

FloodJet Spray Nozzles	159
------------------------	-----

Narrow Angle Spray

FlatJet® Spray Nozzles	160
Quick FlatJet Spray Nozzles	162

High Impact Spray

WashJet® Spray Nozzles	163
------------------------	-----

Foaming Spray

FoamJet® Spray Nozzles	169
UniJet FoamJet Spray Nozzles	170

High Impact Spray

Quick WashJet Spray Nozzles	171
Quick Connect WashJet Spray Nozzles	173

High Pressure Spray

UniJet Spray Nozzles – EG Tips	175
UniJet Spray Nozzles – TC Tips	177
UniJet Spray Nozzles – ECRTC Tips	181

Airless and High Pressure Spray

RotoClean® Spray Attachments	183
------------------------------	-----

Medium Capacity (3/4"–2" inlet connection size)

Standard Spray

VeeJet Spray Nozzles	188
----------------------	-----

Wide Angle Spray

FloodJet Spray Nozzles	191
------------------------	-----

Special Purpose Flat Spray Nozzles

For "Robotic" Spray Applications

UniJet Tungsten Carbide Spray Nozzle Tips	192
---	-----

For Fine Finishing Applications

HV Orifice	195
------------	-----

With Ceramic Tip Insert

UniJet Spray Nozzles	195
----------------------	-----

For Reduced Spray Turbulence

Jet Stabilizers	196
-----------------	-----