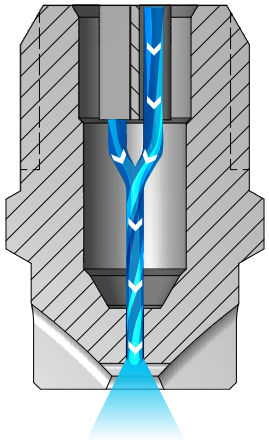
WASHJET® NOZZLES

S HIGH IMPACT STANDARD ANGLE SPRAY

OVERVIEW: WASHJET

- High-impact sprays and high pressure operation ensure optimal cleaning – ideal for pressure washing
- Long wear life – 400 series stainless steel material
- Flat spray nozzles provide an even edge fan type spray pattern
- Uniform spray distribution from .27 to 78 gpm (1.0 to 290 lpm) by using optional internal guide vane to stabilize liquid turbulence
- Spray angles from 0° (solid stream) to 65° for MEG, WEG and MEG-SSTC; 0° to 80° for IMEG
- Operating pressures from 300 to 4000 psi (20 to 275 bar)
- MEG-SSTC nozzles have tungsten carbide orifice inserts for maximum erosion resistance
- IMEG® versions are ideal for critical, demanding operations Features:
  - Patented design that optimizes fluid dynamics by minimizing turbulence
  - Higher impact per unit area than MEG nozzles



WashJet Nozzles
As the liquid exits through the rounded U shape of the orifice, it forms into a flat spray pattern. The distribution is even at pressures above 300 psi (20 bar).

WASHJET OPTIONS

S

MEG
1/8" to 1/4" male conn.

S

WEG
1/8" to 1/4" female conn.

S

MEG-SSTC
1/4" male conn.

S

IMEG
1/8" to 1/4" male conn.

ORDERING INFORMATION

WASHJET MEG, WEG, MEG-SSTC AND IMEG WITH GUIDE VANE

Inlet Conn.	Nozzle Type	–	Spray Angle	Capacity Size

Example: **1/4** **MEG** – **15** **04**

BSPT connections require the addition of a "B" prior to the inlet connection.

WASHJET MEG, WEG, MEG-SSTC AND IMEG WITHOUT GUIDE VANE

Inlet Conn.	Nozzle Type	–	Spray Angle	Capacity Size

Example: **1/4** **SAMEG** – **15** **04**

BSPT connections require the addition of a "B" prior to the inlet connection.

QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
MEG	M	1/8 to 1/4	Hardened stainless steel	C34–C35	C37
WEG	F	1/8 to 1/4		C35	
MEG-SSTC	M	1/4		C34–C35	
IMEG®	M	1/8 to 1/4		C36	
QCMEG	NA	NA		C36	
QCIMEG	NA	NA		C37	

F = female thread; M = male thread; NA = not applicable. Material is built into part number for ordering.
For more dimensions and sizes, contact your sales engineer.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle																						Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 MEG							1/4 MEG							1/4 MEG-SSTC																	
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
									●					●		●			●		01	.10	.27	.35	.43	.50	.61	.71	.79	.87
									●												015	.15	.41	.53	.65	.75	.92	1.1	1.2	1.3
●	●	●	●	●			●	●	●	●	●		●	●		●		●	●		02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7
													●								025	.25	.68	.88	1.1	1.3	1.5	1.8	2.0	2.2
●		●	●	●	●		●	●	●	●	●	●	●	●		●			●	●	03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
							●		●	●	●										035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●		●	●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
●		●	●	●		●	●		●	●	●		●			●	●				045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●				055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●			06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
●		●	●	●			●		●	●	●		●								065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●		07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
●		●	●	●			●		●	●	●										075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
●		●	●	●			●		●	●	●										085	.85	2.3	3.0	3.7	4.3	5.2	6.0	6.7	7.4
●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
		●	●				●			●											095	.95	2.6	3.4	4.1	4.8	5.8	6.7	7.5	8.2
●		●	●	●	●	●	●		●	●	●	●	●	●		●	●				10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
●			●				●		●	●	●										11	1.1	3.0	3.9	4.8	5.5	6.7	7.8	8.7	9.5
●		●	●																		115	1.2	3.1	4.1	5.0	5.8	7.0	8.1	9.1	10.0
●				●			●	●	●	●	●	●	●			●					12	1.2	3.3	4.2	5.2	6.0	7.3	8.5	9.5	10.4
●							●		●	●	●										125	1.3	3.4	4.4	5.4	6.3	7.7	8.8	9.9	10.8

*0° = Solid Stream.

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle																				Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 MEG							1/4 MEG							1/4 MEG-SSTC															
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
●							●		●	●	●										13	1.3	3.6	4.6	5.6	6.5	8.0	9.2	10.3	11.3
	●								●	●											14	1.4	3.8	4.9	6.1	7.0	8.6	9.9	11.1	12.1
●		●	●				●	●	●	●	●	●	●	●		●		●		●	15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
		●					●		●												16	1.6	4.4	5.7	6.9	8.0	9.8	11.3	12.6	13.9
							●		●	●	●			●							18	1.8	4.9	6.4	7.8	9.0	11.0	12.7	14.2	15.6
●							●	●	●	●	●	●	●	●							20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3
							●	●	●	●	●										25	2.5	6.8	8.8	10.8	12.5	15.3	17.7	19.8	22
							●	●	●	●	●		●								30	3.0	8.2	10.6	13.0	15.0	18.4	21	24	26
							●		●	●	●										35	3.5	9.6	12.4	15.2	17.5	21	25	28	30
							●	●	●	●	●										40	4.0	11.0	14.1	17.3	20	24	28	32	35
							●		●	●	●										50	5.0	13.7	17.7	22	25	31	35	40	43
							●		●	●	●										60	6.0	16.4	21	26	30	37	42	47	52
							●														70	7.0	19.2	25	30	35	43	49	55	61
							●														80	8.0	22	28	35	40	49	57	63	69
							●														90	9.0	25	32	39	45	55	64	71	78

*0° = Solid Stream.

Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle														Capacity Size	Flow Rate Capacity (gallons per minute)								
1/8 WEG							1/4 WEG																
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi
		●	●	●										03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
●		●	●	●	●	●	●		●	●	●		●	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
		●	●	●					●	●	●			045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
●		●	●	●	●	●	●		●	●	●	●	●	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
●		●	●	●	●	●	●		●	●				055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
●		●	●	●	●	●	●		●	●	●			06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
				●					●					065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
●		●	●	●	●	●	●		●	●	●		●	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
●		●	●	●	●	●	●		●	●	●			08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
●		●	●	●										085	.85	2.3	3.0	3.7	4.3	5.2	6.0	6.7	7.4
●		●	●	●	●	●	●		●	●	●			09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
			●											095	.95	2.6	3.4	4.1	4.8	5.8	6.7	7.5	8.2
●		●	●	●	●	●	●		●	●	●			10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
							●							15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
		●												16	1.6	4.4	5.7	6.9	8.0	9.8	11.3	12.6	13.9
●														20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3
							●							30	3.0	8.2	10.6	13.0	15.0	18.4	21	24	26

*0° = Solid Stream.

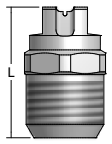
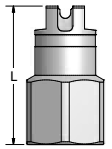
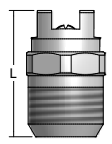
Highlighted column shows the rated pressure.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

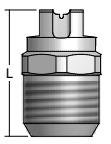
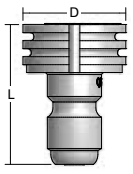
Nozzle Type	Spray Angle at 40 psi				Capacity Size	Flow Rate Capacity (gallons per minute)										
QCIMEG	10° (Orange)	15° (Yellow)	25° (Green)	40° (White)		40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi
•			•	•	02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7	1.9	2.0
•	•	•	•	•	03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6	2.8	3.0
•	•	•	•	•	035	.35	.96	1.2	1.5	1.8	2.1	2.5	2.8	3.0	3.3	3.5
•	•	•	•	•	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5	3.7	4.0
•	•	•	•	•	045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9	4.2	4.5
•	•	•	•	•	05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3	4.7	5.0
•	•	•	•	•	055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8	5.1	5.5
•	•	•	•	•	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2	5.6	6.0
•	•	•	•	•	065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6	6.1	6.5
•	•	•	•	•	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1	6.5	7.0
•	•	•	•	•	075	.75	2.1	2.7	3.2	3.8	4.6	5.3	5.9	6.5	7.0	7.5
•	•	•	•	•	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9	7.5	8.0
•		•	•	•	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8	8.4	9.0

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Flats (in.)	Net Weight (oz.)
	**MEG (M)**	1/8	1.000	9/16	–	0.313	0.6
		1/4	1.000	9/16	–	0.406	0.8
	**WEG (F)**	1/8	1.125	1/2	–	0.313	0.9
		1/4	1.125	5/8	–	0.313	0.7
	**MEG-SSTC (M)**	1/4	0.906	9/16	–	0.406	0.6

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Flats (in.)	Net Weight (oz.)
	**IMEG® (M)**	1/8	0.875	1/2	–	0.313	0.6
		1/4	0.906	9/16	–	0.406	0.8
	**QCMEG/ QCIMEG**	–	1.219	–	0.969	–	0.8

Based on the largest/heaviest version of each type.