

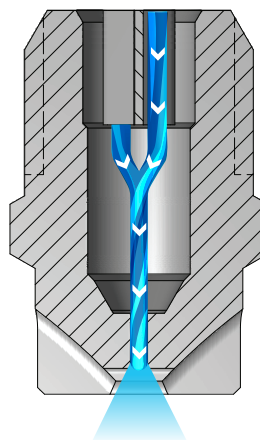
**FLAT
SPRAY**

WASHJET® NOZZLES

S HIGH IMPACT STANDARD ANGLE SPRAY

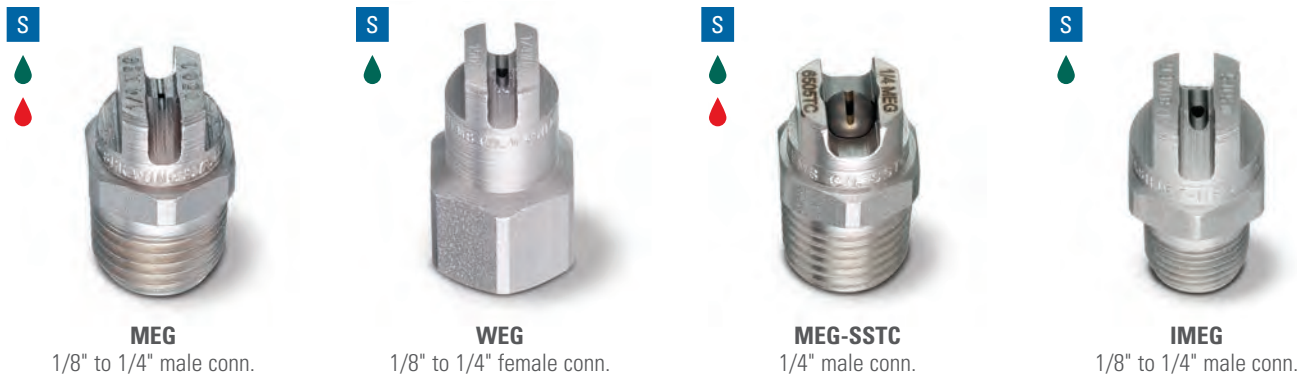
OVERVIEW: WASHJET

- 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



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.

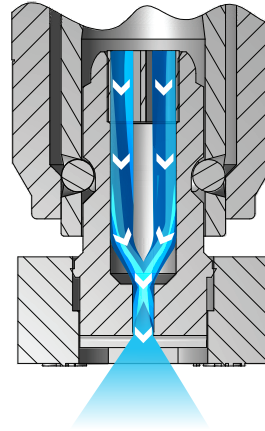
WASHJET MEG, WEG, MEG-SSTC AND IMEG WITHOUT GUIDE VANE

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.

OVERVIEW: QUICK-CONNECT WASHJET

- QCMEG and QCIMEG fit in Parker® ST fitting or equivalent
- Color-coded nozzle guards for easy spray angle identification
- Locating ribs on nozzle guards for fast alignment and easy spray pattern direction
- High impact sprays and high pressure operation ensure effective cleaning
- Long wear life – 400 series stainless steel material
- Uniform spray distribution from .55 to 15 gpm (2.0 to 57 lpm) by using optional internal guide vane to stabilize liquid turbulence
- Spray angles from 0° (solid stream) to 40°
- QCIMEG versions are ideal for critical, demanding operations. Features:
 - Patented design that optimizes fluid dynamics by minimizing turbulence
 - Higher impact per unit area than QCMEG nozzles



Quick-Connect 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).

QUICK-CONNECT WASHJET OPTIONS



QCMEG
1/4" quick-connect



QCIMEG
1/4" quick-connect

ORDERING INFORMATION

QUICK-CONNECT WASHJET QCMEG AND QCIMEG WITH GUIDE VANE

Nozzle Type	—	Spray Angle	Capacity Size	Example
				QCMEG — 15 05

QUICK-CONNECT WASHJET QCMEG AND QCIMEG WITHOUT GUIDE VANE

Nozzle Type	—	Spray Angle	Capacity Size	Example
				SAQCMEG — 15 05

RELATIVE DROP SIZE IN MICRONS

10 to 100	100 to 500	500 to 1000	1000 to 5000
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Drop size will vary based on flow rate and pressure.

WASHJET® NOZZLES

S HIGH IMPACT STANDARD ANGLE SPRAY

FLAT SPRAY

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Nozzle Type and Spray Angle																	Capacity Size	Flow Rate Capacity (liters per minute)														
1/8 MEG							1/4 MEG							1/4 MEG-SSTC							3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar	200 bar			
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°		25°	40°	50°										65°		
•							•		•	•	•											13	5.1	13.3	17.5	21	27	30	35	39	42	
	•								•	•													14	5.5	14.3	18.9	23	29	32	38	42	45
•		•	•				•	•	•	•	•	•	•	•		•		•		•			15	5.9	15.3	20	24	31	34	40	45	48
		•					•		•														16	6.3	16.3	22	26	33	36	43	48	52
							•		•	•	•				•								18	7.1	18.3	24	29	37	41	49	53	58
•							•	•	•	•	•	•	•	•	•								20	7.9	20	27	32	41	46	54	59	64
							•	•	•	•	•												25	9.9	25	34	40	51	57	67	74	81
							•	•	•	•	•		•										30	11.8	31	40	48	61	68	81	89	97
							•		•	•	•												35	13.8	36	47	56	71	80	94	104	113
							•	•	•	•	•												40	15.8	41	54	64	82	91	108	119	129
							•		•	•	•												50	19.7	51	67	81	102	114	135	149	161
							•		•	•	•												60	24	61	81	97	122	137	162	178	193
							•																70	28	71	94	113	143	160	189	208	226
							•																80	32	82	108	129	163	182	216	238	258
							•																90	36	92	121	145	183	205	243	267	290

*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 (liters per minute)																	
1/8 WEG							1/4 WEG								3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar	200 bar									
0°*	5°	15°	25°	40°	50°	65°	0°*	5°	15°	25°	40°	50°	65°																			
		•	•	•																		03	1.2	3.1	4.0	4.8	6.1	6.8	8.1	8.9	9.7	
•		•	•	•	•	•	•			•	•	•		•									04	1.6	4.1	5.4	6.4	8.2	9.1	10.8	11.9	12.9
		•	•	•						•	•	•											045	1.8	4.6	6.1	7.3	9.2	10.3	12.1	13.4	14.5
•		•	•	•	•	•	•	•		•	•	•	•	•		•							05	2.0	5.1	6.7	8.1	10.2	11.4	13.5	14.9	16.1
•		•	•	•	•	•	•	•		•	•												055	2.2	5.6	7.4	8.9	11.2	12.5	14.8	16.3	17.7
•		•	•	•	•	•	•	•		•	•	•											06	2.4	6.1	8.1	9.7	12.2	13.7	16.2	17.8	19.3
				•						•													065	2.6	6.6	8.8	10.5	13.3	14.8	17.5	19.3	21
•		•	•	•	•	•	•	•		•	•	•		•									07	2.8	7.1	9.4	11.3	14.3	16.0	18.9	21	23
•		•	•	•	•	•	•	•		•	•	•											08	3.2	8.2	10.8	12.9	16.3	18.2	22	24	26
•		•	•	•																			085	3.4	8.7	11.5	13.7	17.3	19.4	23	25	27
•		•	•	•	•	•	•	•		•	•	•											09	3.6	9.2	12.1	14.5	18.3	21	24	27	29
			•																				095	3.8	9.7	12.8	15.3	19.4	22	26	28	31
•		•	•	•	•	•	•	•		•	•	•											10	3.9	10.2	13.5	16.1	20	23	27	30	32
							•																15	5.9	15.3	20	24	31	34	40	45	48
		•																					16	6.3	16.3	22	26	33	36	43	48	52
•																							20	7.9	20	27	32	41	46	54	59	64
							•																30	11.8	31	40	48	61	68	81	89	97

*0° = Solid Stream.

Highlighted column shows the rated pressure.



**FLAT
SPRAY**

WASHJET® NOZZLES

S HIGH IMPACT STANDARD ANGLE SPRAY

S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Inlet Conn. (in.)	Nozzle Type	Spray Angle at 3 bar								Capacity Size	Flow Rate Capacity (liters per minute)										
		IMEG®	5°	10°	15°	25°	40°	50°	65°		80°	3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar	200 bar	250 bar
1/8, 1/4	●	●	●	●	●	●	●	●	●	03	1.2	3.1	4.0	4.8	6.1	6.8	8.1	8.9	9.7	10.8	11.3
	●	●	●	●	●	●	●	●	●	035	1.4	3.6	4.7	5.6	7.1	8.0	9.4	10.4	11.3	12.6	13.2
	●	●	●	●	●	●	●	●	●	04	1.6	4.1	5.4	6.4	8.2	9.1	10.8	11.9	12.9	14.4	15.1
	●	●	●	●	●	●	●	●	●	045	1.8	4.6	6.1	7.3	9.2	10.3	12.1	13.4	14.5	16.2	17.0
	●	●	●	●	●	●	●	●	●	05	2.0	5.1	6.7	8.1	10.2	11.4	13.5	14.9	16.1	18.0	18.9
	●	●	●	●	●	●	●	●	●	055	2.2	5.6	7.4	8.9	11.2	12.5	14.8	16.3	17.7	19.8	21
	●	●	●	●	●	●	●	●	●	06	2.4	6.1	8.1	9.7	12.2	13.7	16.2	17.8	19.3	22	23
	●	●	●	●	●	●	●	●	●	065	2.6	6.6	8.8	10.5	13.3	14.8	17.5	19.3	21	23	25
	●	●	●	●	●	●	●	●	●	07	2.8	7.1	9.4	11.3	14.3	16.0	18.9	21	23	25	26
	●	●	●	●	●	●	●	●	●	075	3.0	7.6	10.1	12.1	15.3	17.1	20	22	24	27	28
	●	●	●	●	●	●	●	●	●	08	3.2	8.2	10.8	12.9	16.3	18.2	22	24	26	29	30

Highlighted column shows the rated pressure.

S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Nozzle Type	Spray Angle at 3 bar				Capacity Size	Flow Rate Capacity (liters per minute)										
	0°* (Red)	15° (Yellow)	25° (Green)	40° (White)		3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar	200 bar	250 bar	275 bar
●			●	●	02	.79	2.0	2.7	3.2	4.1	4.6	5.4	5.9	6.4	7.2	7.6
●	●	●	●		03	1.2	3.1	4.0	4.8	6.1	6.8	8.1	8.9	9.7	10.8	11.3
●	●	●	●	●	035	1.4	3.6	4.7	5.6	7.1	8.0	9.4	10.4	11.3	12.6	13.2
●	●	●	●	●	04	1.6	4.1	5.4	6.4	8.2	9.1	10.8	11.9	12.9	14.4	15.1
●	●	●	●	●	045	1.8	4.6	6.1	7.3	9.2	10.3	12.1	13.4	14.5	16.2	17.0
●	●	●	●	●	05	2.0	5.1	6.7	8.1	10.2	11.4	13.5	14.9	16.1	18.0	18.9
●	●	●	●	●	055	2.2	5.6	7.4	8.9	11.2	12.5	14.8	16.3	17.7	19.8	21
●	●	●	●	●	06	2.4	6.1	8.1	9.7	12.2	13.7	16.2	17.8	19.3	22	23
●	●	●	●	●	065	2.6	6.6	8.8	10.5	13.3	14.8	17.5	19.3	21	23	25
●	●	●	●	●	07	2.8	7.1	9.4	11.3	14.3	16.0	18.9	21	23	25	26
●	●	●	●	●	075	3.0	7.6	10.1	12.1	15.3	17.1	20	22	24	27	28
●	●	●	●	●	08	3.2	8.2	10.8	12.9	16.3	18.2	22	24	26	29	30
●		●	●	●	09	3.6	9.2	12.1	14.5	18.3	21	24	27	29	32	34
●	●	●	●	●	10	3.9	10.2	13.5	16.1	20	23	27	30	32	36	38
●	●	●	●	●	12	4.7	12.2	16.2	19.3	24	27	32	36	39	43	45
●		●		●	15	5.9	15.3	20	24	31	34	40	45	48	54	57

*0° = Solid Stream.

Highlighted column shows the rated pressure.

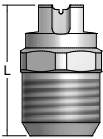
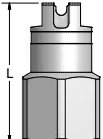
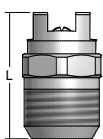


S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

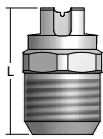
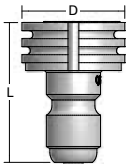
Nozzle Type	Spray Angle at 3 bar				Capacity Size	Flow Rate Capacity (liters per minute)										
	10° (Orange)	15° (Yellow)	25° (Green)	40° (White)		3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar	200 bar	250 bar	275 bar
•			•	•	02	.79	2.0	2.7	3.2	4.1	4.6	5.4	5.9	6.4	7.2	7.6
•	•	•	•	•	03	1.2	3.1	4.0	4.8	6.1	6.8	8.1	8.9	9.7	10.8	11.3
•	•	•	•	•	035	1.4	3.6	4.7	5.6	7.1	8.0	9.4	10.4	11.3	12.6	13.2
•	•	•	•	•	04	1.6	4.1	5.4	6.4	8.2	9.1	10.8	11.9	12.9	14.4	15.1
•	•	•	•	•	045	1.8	4.6	6.1	7.3	9.2	10.3	12.1	13.4	14.5	16.2	17.0
•	•	•	•	•	05	2.0	5.1	6.7	8.1	10.2	11.4	13.5	14.9	16.1	18.0	18.9
•	•	•	•	•	055	2.2	5.6	7.4	8.9	11.2	12.5	14.8	16.3	17.7	19.8	21
•	•	•	•	•	06	2.4	6.1	8.1	9.7	12.2	13.7	16.2	17.8	19.3	22	23
•	•	•	•	•	065	2.6	6.6	8.8	10.5	13.3	14.8	17.5	19.3	21	23	25
•	•	•	•	•	07	2.8	7.1	9.4	11.3	14.3	16.0	18.9	21	23	25	26
•	•	•	•	•	075	3.0	7.6	10.1	12.1	15.3	17.1	20	22	24	27	28
•	•	•	•	•	08	3.2	8.2	10.8	12.9	16.3	18.2	22	24	26	29	30
•		•	•	•	09	3.6	9.2	12.1	14.5	18.3	21	24	27	29	32	34

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	D (Dia.) (mm)	Flats (mm)	Net Weight (kg)
	MEG (M)	1/8	25.4	9/16	-	7.9	0.02
		1/4	25.4	9/16	-	10.3	0.02
	WEG (F)	1/8	28.6	1/2	-	7.9	0.03
		1/4	28.6	5/8	-	7.9	0.02
	MEG-SSTC (M)	1/4	23.0	9/16	-	10.3	0.02

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	D (Dia.) (mm)	Flats (mm)	Net Weight (kg)
	IMEG® (M)	1/8	22.2	1/2	-	7.9	0.02
		1/4	23.0	9/16	-	10.3	0.02
	QCIMEG/QCIMEG	-	31.0	-	24.6	-	0.02

Based on the largest/heaviest version of each type.