

38625 HP-EYELET ASSEMBLY

- Hinged body attaches to spray header with one hand-tightened screw; standard screwdrivers or Allen wrenches can be used
- Screw can be installed from either side of the assembly and remains attached when loosened to prevent loss



HP-Eyelet assemblies for use with QuickJet ProMax ball body and spray tips, Clip-Eyelet ball-type spray tips or threaded ball and threaded nozzles

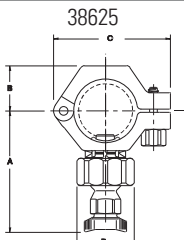
- Use with 1-1/4" or 1-1/2" pipe
- Inlet size for 9/16" (14.5 mm) dia. drill holes; retrofit seals are available for 21/32" (17 mm) or 27/32" (21 mm) dia. drill holes
- Materials resist scale, chemical attack and chemical build-up. (Body is ProMax, cap is polyphthalamide, seal and O-ring are EPDM. Viton® option available for seal and O-ring)
- Accepts ProMax® QuickJet® ball body and spray tips; Clip-Eyelet® ball-type spray tips or threaded ball and threaded nozzles
- Optional blank spray tip to stop the liquid flow

See pages 7 to 12 for spray tip performance data. See Industrial Spray Products Catalog 75 for performance data for threaded nozzles.

SPECIFICATIONS

Threaded Ball for Standard Nozzles	Retrofit Seal	Blank Tip
For nozzles with 1/4" male connection CP20582-1/4-PPB (NPT) CPB20582-1/4-PPB (BSPT)	For headers with 21/32" (17 mm) dia. holes CP20579-BU SEAL, BUNA-N CP20579-VI SEAL, Viton	QPA PLUG or CT PLUG - PP
For nozzles with 3/8" male connection CP20582-3/8-PPB (NPT) CPB20582-3/8-PPB (BSPT)	For headers with 27/32" (21 mm) dia. holes CP20580-BU SEAL, BUNA-N CP20580-VI SEAL, Viton	

DIMENSIONS & WEIGHTS

38625 	Hinged Split-Eyelet Body Assembly	To Clamp On	Dimensions				Net Weight
			A	B	C	D	
	38625-1-1/4-PP	1-1/4" pipe	1-1/4" (32 mm)	4-3/16" (106 mm)	3-1/4" (83 mm)	1-3/4" (44 mm)	3.9 oz. (.11 kg)
	38625-1-1/2-PP	1-1/2" pipe	1-11/32" (34 mm)	4-5/16" (110 mm)	3-1/2" (89 mm)	1-3/4" (44 mm)	3.9 oz. (.11 kg)

Based on largest/heaviest version of each type.

ORDERING INFORMATION: PROMAX HP-EYELET NOZZLE ASSEMBLY AND SPRAY TIP

ASSEMBLY			SPRAY TIP			Example									
Nozzle Type	Pipe Size	Mat. Code	+	ProMax Ball No.	+	Tip Type	Spray Angle	Capacity Size							

HP-EYELET NOZZLE ASSEMBLY AND SPRAY TIP

ASSEMBLY			SPRAY TIP				Example								
Nozzle Type	Pipe Size	Mat. Code	+	Tip Type	Spray Angle	Capacity Size	Mat. Code								



PROMAX QUICK VEEJET SPRAY TIPS STANDARD ANGLE FLAT SPRAY



Capacities at 40 psi (3 bar). Use with ProMax ball.

PERFORMANCE DATA: STANDARD ANGLE

Spray Angle at 40 psi (3 bar)							Capacity Size	Spray Tip Color	Capacity – gallons per minute (liters per minute)									
25°	40°	50°	65°	80°	95°	110°			5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)
•*	•	•	•	•	•	•	02	Gray	.07 (.25)	.10 (.46)	.14 (.64)	.17 (.79)	.20 (.91)	.25 (1.0)	.28 (1.1)	.32 (1.2)	.35 (1.3)	.39 (1.4)
•*	•	•	•	•	•	•	03	Black	.11 (.37)	.15 (.68)	.21 (.97)	.26 (1.2)	.30 (1.4)	.37 (1.5)	.42 (1.7)	.47 (1.8)	.53 (1.9)	.58 (2.2)
•*	•	•	•	•	•	•	04	Orange	.14 (.50)	.20 (.91)	.28 (1.3)	.35 (1.6)	.40 (1.8)	.49 (2.0)	.57 (2.2)	.63 (2.4)	.71 (2.6)	.77 (2.9)
•	•	•	•	•	•	•	05	Green	.18 (.62)	.25 (1.1)	.35 (1.6)	.43 (2.0)	.50 (2.3)	.61 (2.5)	.71 (2.8)	.79 (3.0)	.88 (3.2)	.97 (3.6)
•	•	•	•	•	•	•	06	Yellow	.21 (.75)	.30 (1.4)	.42 (1.9)	.52 (2.4)	.60 (2.7)	.73 (3.1)	.85 (3.3)	.95 (3.6)	1.1 (3.9)	1.2 (4.3)
•	•	•	•	•	•	•	08	Blue	.28 (1.0)	.40 (1.8)	.56 (2.6)	.69 (3.2)	.80 (3.6)	.98 (4.1)	1.1 (4.5)	1.3 (4.8)	1.4 (5.2)	1.5 (5.8)
•	•	•	•	•	•		10	White	–	.50 (2.3)	.71 (3.2)	.86 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.0)	1.8 (6.4)	1.9 (7.2)
•	•	•	•	•	•		15	Gray	–	.75 (3.4)	1.1 (4.8)	1.3 (5.9)	1.5 (6.8)	1.8 (7.6)	2.1 (7.6)	2.4 (9.0)	2.7 (9.7)	2.9 (10.8)
•	•	•	•	•	•		20	Black	–	1.0 (4.6)	1.4 (6.5)	1.7 (7.9)	2.0 (9.1)	2.5 (10.2)	2.8 (10.2)	3.2 (12.1)	3.5 (12.9)	3.9 (14.4)
•	•	•	•	•	•		30	Orange	1.1 (3.7)	1.5 (6.8)	2.1 (9.7)	2.6 (11.8)	3.0 (13.7)	3.7 (15.3)	4.2 (15.3)	4.7 (18.1)	5.3 (19.3)	5.8 (22)
•	•	•	•	•	•		40	Green	1.4 (5.0)	2.0 (9.1)	2.8 (12.9)	3.5 (15.8)	4.0 (18.2)	4.9 (20)	5.7 (20)	6.3 (24)	7.1 (26)	7.7 (29)
•	•	•	•	•	•		50	Yellow	1.8 (6.2)	2.5 (11.4)	3.5 (16.1)	4.3 (19.7)	5.0 (23)	6.1 (25)	7.1 (25)	7.9 (30)	8.8 (32)	9.7 (36)
•	•	•	•	•	•		60	Blue	2.1 (7.5)	3.0 (13.7)	4.2 (19.3)	5.2 (24)	6.0 (27)	7.3 (31)	8.5 (31)	9.5 (36)	10.6 (39)	11.6 (43)
•	•	•	•	•	•		70	Red	2.5 (8.7)	3.5 (16.0)	4.9 (23)	6.1 (28)	7.0 (32)	8.6 (36)	9.9 (36)	11.1 (42)	12.4 (45)	13.6 (50)

*Not recommended below 7 psi (0.5 bar).



PROMAX QUICK FULLJET SPRAY TIPS STANDARD ANGLE FULL CONE SPRAY



QPHA-1
.19 gpm (.74 l/min)



QPHA-1.5
.29 gpm (1.1 l/min)



QPHA-2
.38 gpm (1.5 l/min)



QPHA-3
.57 gpm (2.2 l/min)



QPHA-3.5
.67 gpm (2.6 l/min)



QPHA-5
.95 gpm (3.7 l/min)



QPHA-6.5
1.3 gpm (4.8 l/min)



QPHA-8
1.5 gpm (6.8 l/min)



QPHA-10
1.9 gpm (7.4 l/min)



QPHA-15
2.9 gpm (11.2 l/min)

Capacities at 40 psi (3 bar). Use with ProMax ball.

PERFORMANCE DATA: STANDARD ANGLE

Spray Tip Number	Spray Tip Color	Orifice Dia. Nom. in. (mm)	Max. Free Passage Dia.* in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
				5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	80 psi (6 bar)
QPHA-1	Brown	.035 (.89)	.025 (.64)	– (.26)	.10 (.45)	.14 (.62)	.17 (.74)	.19 (.85)	.23 (.94)	.26 (1.0)	.30 (1.1)	.34 (1.2)	.36 (1.3)	–	58°	53°
QPHA-1.5	White	.045 (1.1)	.025 (.64)	– (.38)	.15 (.67)	.21 (.93)	.25 (1.1)	.29 (1.3)	.35 (1.4)	.40 (1.5)	.44 (1.7)	.49 (1.8)	.53 (1.9)	52°	65°	59°
QPHA-2	Gray	.047 (1.2)	.040 (1.0)	.14 (.50)	.20 (.87)	.28 (1.2)	.34 (1.5)	.38 (1.7)	.46 (1.9)	.53 (2.0)	.59 (2.2)	.65 (2.4)	.70 (2.6)	43°	50°	46°
QPHA-3	Black	.061 (1.5)	.040 (1.0)	.22 (.79)	.30 (1.4)	.42 (1.9)	.50 (2.2)	.57 (2.5)	.69 (2.8)	.79 (3.1)	.88 (3.3)	1.0 (3.6)	1.1 (3.9)	52°	65°	59°
QPHA-3.5	Orange	.063 (1.6)	.050 (1.3)	.25 (.92)	.35 (1.6)	.48 (2.2)	.58 (2.6)	.67 (3.0)	.81 (3.3)	.92 (3.6)	1.0 (3.9)	1.2 (4.2)	1.3 (4.5)	43°	50°	46°
QPHA-5	Green	.077 (2.0)	.050 (1.3)	.36 (1.3)	.50 (2.2)	.69 (3.1)	.82 (3.7)	.95 (4.2)	1.2 (4.7)	1.3 (5.1)	1.5 (5.5)	1.7 (6.0)	1.8 (6.5)	52°	65°	59°
QPHA-6.5	Yellow	.089 (2.3)	.063 (1.6)	.47 (1.7)	.65 (2.9)	.89 (4.0)	1.1 (4.8)	1.3 (5.5)	1.5 (6.1)	1.7 (6.7)	1.9 (7.1)	2.1 (7.8)	2.3 (8.4)	45°	50°	46°
QPHA-8	Beige	.096 (2.4)	.063 (1.6)	.58 (2.0)	.80 (3.6)	1.1 (4.9)	1.3 (6.0)	1.5 (6.8)	1.8 (7.5)	2.1 (8.2)	2.3 (8.8)	2.6 (9.6)	2.9 (10.4)	54°	65°	61°
QPHA-10	Blue	.113 (2.9)	.063 (1.6)	.73 (2.6)	1.0 (4.5)	1.4 (6.2)	1.7 (7.4)	1.9 (8.5)	2.4 (9.4)	2.7 (10.2)	3.0 (11.0)	3.3 (12.0)	3.6 (13.0)	58°	67°	61°
QPHA-15	Red	.141 (3.6)	.063 (1.6)	1.1 (3.9)	1.5 (6.8)	2.1 (9.3)	2.5 (11.2)	2.9 (12.7)	3.5 (14.1)	4.0 (15.4)	4.4 (16.5)	4.9 (18.0)	5.3 (19.4)	80°	85°	80°

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



PROMAX QUICK FULLJET SPRAY TIPS WIDE ANGLE FULL CONE SPRAY



QPHA-2.8W

.51 gpm (2.0 l/min)



QPHA-4.3W

.79 gpm (3.1 l/min)



QPHA-5.6W

1.0 gpm (4.0 l/min)



QPHA-8W

1.5 gpm (5.8 l/min)



QPHA-10W

1.8 gpm (7.2 l/min)



QPHA-12W

2.2 gpm (8.7 l/min)



QPHA-14W

2.6 gpm (10.1 l/min)

Capacities at 40 psi (3 bar). Use with ProMax ball.

PERFORMANCE DATA: WIDE ANGLE

Spray Tip Number	Spray Tip Color	Orifice Dia. Nom. in. (mm)	Max. Free Passage Dia.* in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
				5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	5 psi (0.3 bar)	10 psi (1 bar)	80 psi (6 bar)
QPHA-2.8W	White	.057 (1.4)	.040 (1.0)	–	.28 (1.2)	.38 (1.7)	.45 (2.0)	.51 (2.3)	.61 (2.5)	.70 (2.7)	.77 (2.9)	.84 (3.1)	.91 (3.4)	–	120°	102°
QPHA-4.3W	Black	.073 (1.9)	.040 (1.0)	–	.43 (1.9)	.58 (2.6)	.70 (3.1)	.79 (3.5)	.95 (3.9)	1.1 (4.2)	1.2 (4.5)	1.3 (4.8)	1.4 (5.3)	–	120°	102°
QPHA-5.6W	Orange	.086 (2.2)	.040 (1.0)	–	.56 (2.5)	.76 (3.4)	.91 (4.0)	1.0 (4.6)	1.2 (5.1)	1.4 (5.5)	1.5 (5.9)	1.7 (6.2)	1.8 (6.9)	–	120°	102°
QPHA-8W	Green	.098 (2.5)	.050 (1.3)	–	.80 (3.6)	1.1 (4.8)	1.3 (5.8)	1.5 (6.6)	1.8 (7.2)	2.0 (7.8)	2.2 (8.4)	2.5 (8.9)	2.7 (9.8)	–	120°	103°
QPHA-10W	Yellow	.109 (2.8)	.050 (1.3)	.74 (2.6)	1.0 (4.5)	1.4 (6.0)	1.6 (7.2)	1.8 (8.2)	2.2 (9.1)	2.5 (9.8)	2.7 (10.5)	3.0 (11.1)	3.3 (12.2)	112°	120°	103°
QPHA-12W	Blue	.129 (3.3)	.050 (1.3)	.89 (3.1)	1.2 (5.3)	1.6 (7.3)	1.9 (8.7)	2.2 (9.8)	2.6 (10.9)	3.0 (11.8)	3.3 (12.6)	3.6 (13.4)	3.9 (14.8)	114°	120°	103°
QPHA-14W	Red	.141 (3.6)	.063 (1.6)	1.0 (3.7)	1.4 (6.2)	1.9 (8.5)	2.3 (10.1)	2.6 (11.5)	3.1 (12.7)	3.5 (13.7)	3.9 (14.7)	4.3 (15.6)	4.6 (17.2)	114°	120°	103°

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



**PROMAX® QUICK WHIRLJET®
STANDARD AND WIDE ANGLE HOLLOW CONE SPRAY**

**PROMAX QUICK WHIRLJET SPRAY TIPS
STANDARD ANGLE HOLLOW CONE SPRAY**



QPAA-__

**PROMAX QUICK WHIRLJET SPRAY TIPS
WIDE ANGLE HOLLOW CONE SPRAY**



QPAA-__W

Use with ProMax ball.

PERFORMANCE DATA: STANDARD ANGLE

Spray Tip Number	Inlet Dia. Nom. in. (mm)	Orifice Dia. Nom. in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
			5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	80 psi (6 bar)
QPAA-0.5	.031 (.79)	.047 (1.2)	– (.12)	.05 (.23)	.07 (.32)	.09 (.39)	.10 (.46)	.12 (.51)	.14 (.56)	.16 (.60)	.18 (.64)	.19 (.72)	–	58°	69°
QPAA-1	.063 (1.6)	.063 (1.6)	– (.25)	.10 (.46)	.14 (.64)	.17 (.79)	.20 (.91)	.24 (1.0)	.28 (1.1)	.31 (1.2)	.35 (1.3)	.39 (1.4)	–	64°	76°
QPAA-2	.078 (2.0)	.078 (2.0)	.14 (.50)	.20 (.91)	.28 (1.3)	.35 (1.6)	.40 (1.8)	.49 (2.0)	.57 (2.2)	.63 (2.4)	.71 (2.6)	.77 (2.9)	53°	70°	80°
QPAA-3	.094 (2.4)	.094 (2.4)	.21 (.74)	.30 (1.4)	.43 (1.9)	.52 (2.4)	.60 (2.7)	.73 (3.1)	.85 (3.3)	.95 (3.6)	1.1 (3.9)	1.2 (4.3)	55°	79°	80°
QPAA-5	.141 (3.6)	.109 (2.8)	.35 (1.2)	.50 (2.3)	.70 (3.2)	.86 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.0)	1.8 (6.4)	1.9 (7.2)	70°	75°	79°
QPAA-8	.172 (4.4)	.141 (3.6)	.57 (2.0)	.80 (3.6)	1.1 (5.2)	1.4 (6.3)	1.6 (7.3)	2.0 (8.2)	2.3 (8.9)	2.5 (9.6)	2.8 (10.3)	3.1 (11.5)	65°	72°	74°
QPAA-10	.188 (4.8)	.172 (4.4)	.72 (2.4)	1.0 (4.6)	1.4 (6.4)	1.7 (7.9)	2.0 (9.1)	2.4 (10.2)	2.8 (11.2)	3.1 (12.1)	3.5 (12.9)	3.9 (14.4)	70°	76°	75°
QPAA-15	.199 (6.0)	.203 (5.2)	1.1 (3.8)	1.5 (6.8)	2.1 (9.7)	2.6 (11.8)	3.0 (13.7)	3.7 (15.3)	4.2 (16.7)	4.7 (18.1)	5.3 (19.3)	5.8 (22)	70°	72°	75°

PERFORMANCE DATA: WIDE ANGLE

Spray Tip Number	Inlet Dia. Nom. in. (mm)	Orifice Dia. Nom. in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
			5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	80 psi (6 bar)
QPAA-5W	.136 (3.5)	.129 (3.3)	.35 (1.2)	.50 (2.3)	.70 (3.2)	.86 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.0)	1.8 (6.4)	1.9 (7.2)	125°	112°	98°
QPAA-8W	.177 (4.5)	.156 (4.0)	.57 (2.0)	.80 (3.6)	1.1 (5.2)	1.4 (6.3)	1.6 (7.3)	2.0 (8.2)	2.3 (8.9)	2.5 (9.6)	2.8 (10.3)	3.1 (11.5)	112°	100°	87°
QPAA-10W	.196 (5.0)	.177 (4.5)	.72 (2.4)	1.0 (4.6)	1.4 (6.4)	1.7 (7.9)	2.0 (9.1)	2.4 (10.2)	2.8 (11.2)	3.1 (12.1)	3.5 (12.9)	3.9 (14.4)	111°	97°	89°
QPAA-15W	.242 (6.1)	.213 (5.4)	1.1 (3.8)	1.5 (6.8)	2.1 (9.7)	2.6 (11.8)	3.0 (13.7)	3.7 (15.3)	4.2 (16.7)	4.7 (18.1)	5.3 (19.3)	5.8 (22)	110°	98°	90°



CLIP-EYELET® BALL-TYPE STANDARD ANGLE AND EXTRA WIDE FLOODING FLAT SPRAY

SPRAY TIPS

CLIP-EYELET BALL-TYPE SPRAYTIPS STANDARD ANGLE FLAT SPRAY



CLIP-EYELET BALL-TYPE FLOODING SPRAYTIPS EXTRA WIDE ANGLE FLAT SPRAY



PERFORMANCE DATA: STANDARD ANGLE

Spray Angle at 40 psi (3 bar)						Capacity Size	Spray Tip Color	Capacity – gallons per minute (liters per minute)									
15°	25°	40°	50°	65°	80°			5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)
				•	•	10	Beige	.35 (1.2)	.50 (2.3)	.71 (3.2)	.86 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.0)	1.8 (6.4)	1.9 (7.2)
		•	•	•		20	Light Blue	.71 (2.5)	1.0 (4.6)	1.4 (6.5)	1.7 (7.9)	2.0 (9.1)	2.5 (10.2)	2.8 (11.2)	3.2 (12.1)	3.5 (12.9)	3.9 (14.4)
	•	•	•	•		30	Orange	1.1 (3.7)	1.5 (6.8)	2.1 (9.7)	2.6 (11.8)	3.0 (13.7)	3.7 (15.3)	4.2 (16.8)	4.7 (18.1)	5.3 (19.3)	5.8 (22)
		•	•	•	•	40	Green	1.4 (5.0)	2.0 (9.1)	2.8 (12.9)	3.5 (15.8)	4.0 (18.2)	4.9 (20)	5.7 (22)	6.3 (24)	7.1 (26)	7.7 (29)
•		•	•	•		50	Yellow	1.8 (6.2)	2.5 (11.4)	3.5 (16.1)	4.3 (19.7)	5.0 (23)	6.1 (25)	7.1 (28)	7.9 (30)	8.8 (32)	9.7 (36)
	•	•	•	•	•	60	Blue	2.1 (7.5)	3.0 (13.7)	4.2 (19.3)	5.2 (24)	6.0 (27)	7.3 (31)	8.5 (34)	9.5 (36)	10.6 (39)	11.6 (43)
•	•	•	•	•	•	70	Red	2.5 (8.7)	3.5 (16.0)	4.9 (23)	6.1 (28)	7.0 (32)	8.6 (36)	9.9 (39)	11.1 (42)	12.4 (45)	13.6 (50)
•	•	•	•	•	•	100	Brown	3.5 (12.5)	5.0 (23)	7.1 (32)	8.6 (39)	10.0 (46)	12.2 (51)	14.1 (56)	15.8 (60)	17.7 (64)	19.4 (72)

PERFORMANCE DATA: EXTRA WIDE ANGLE

Capacity Size	Spray Tip Color	Equiv. Orifice Dia. in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
			5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	60 psi (4 bar)
5	Gray	0.078 (2.0)	0.35 (1.2)	0.5 (2.3)	0.71 (3.2)	0.87 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.1)	1.8 (6.5)	1.9 (7.3)	124°	143°	156°
10	White	0.105 (2.7)	0.71 (2.5)	1.0 (4.6)	1.4 (6.4)	1.7 (7.9)	2.0 (9.1)	2.4 (10.2)	2.8 (11.2)	3.2 (12)	3.5 (12.9)	3.9 (14.4)	150°	162°	174°
18	Light Blue	0.140 (3.6)	1.3 (4.5)	1.8 (8.2)	2.5 (11.6)	3.1 (14.2)	3.6 (16.4)	4.4 (18.3)	5.1 (20)	5.7 (22)	5.7 (23)	7.0 (26)	152°	162°	174°
24	Purple	0.162 (4.1)	1.7 (6)	2.4 (10.9)	3.4 (15.5)	4.2 (19)	4.8 (22)	5.9 (24)	6.8 (27)	7.6 (29)	7.6 (31)	9.3 (35)	136°	147°	156°
30	Orange	0.181 (4.6)	2.1 (7.5)	3.0 (13.7)	4.2 (19.3)	5.2 (24)	6.0 (27)	7.3 (31)	8.5 (34)	9.5 (36)	9.5 (39)	11.6 (43)	149°	169°	178°
40	Green	0.209 (5.3)	2.8 (10)	4.0 (18.2)	5.7 (26)	6.9 (32)	8.0 (36)	9.8 (41)	11.3 (45)	12.7 (48)	12.7 (52)	15.5 (58)	155°	168°	174°



CLIP-EYELET BALL-TYPE SPRAY TIPS STANDARD ANGLE HOLLOW CONE SPRAY



CA15-30.1

4.5 gpm (17.6 l/min)



CA25-30.1

5.4 gpm (21.4 l/min)



CA50-50.1

9.9 gpm (39.2 l/min)



CA50-50.3

9.8 gpm (38.7 l/min)

Capacities at 40 psi (3 bar).

PERFORMANCE DATA: STANDARD ANGLE

Capacity Size	Capacity – gallons per minute (liters per minute)										Spray Angle at 40 psi (3 bar)		
	5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	60 psi (5 bar)
15-30.1	1.6 (5.8)	2.3 (10.4)	3.2 (14.5)	3.9 (17.6)	4.5 (20.2)	5.4 (22.5)	6.3 (24.5)	7.0 (26.4)	7.8 (28.2)	8.6 (31.3)	46°	49°	51°
25-30.1	2.0 (7.1)	2.8 (12.7)	3.9 (17.6)	4.7 (21.4)	5.4 (24.6)	6.6 (27.3)	7.6 (29.8)	8.4 (32.1)	9.4 (34.2)	10.2 (38.0)	45°	47°	50°
50-50.1	3.5 (12.5)	5.0 (22.7)	7.0 (32.0)	8.6 (39.2)	9.9 (45.2)	12.1 (50.5)	14.0 (55.3)	15.7 (59.7)	17.5 (63.8)	19.2 (71.3)	38°	46°	48°
50-50.3	3.5 (12.7)	5.0 (22.7)	7.1 (31.8)	8.5 (38.7)	9.8 (44.4)	11.9 (49.5)	13.8 (54.1)	15.4 (58.3)	17.2 (62.2)	18.8 (69.3)	75°	75°	76°

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