

# QH/QGW quick release nozzles

## DESIGN FEATURES

QH series quick release nozzles produce a full cone spray pattern with spray angles from 43° to 90° depending on tip capacity and pressure.

These nozzles feature a non-removable vane that contributes to uniform distribution across the impact area.

The spray tips are easily installed into or removed from the quick release bodies. QGW quick release nozzles produce a full cone spray pattern with spray angles from 102° to 120° depending on tip capacity and pressure.

These nozzles feature a non-removable vane that contributes to uniform distribution across the impact area.

The spray tips are easily installed into or removed from the bodies for quick and effortless changeout.

The tips for both the standard and large versions are available in either brass or stainless steel.



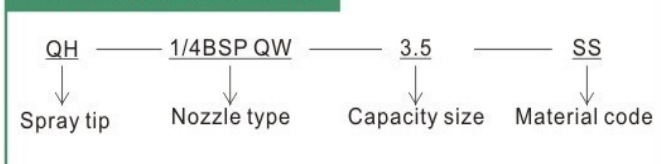
## PERFORMANCE DATA (QH SPRAY TIP)

Nozzle inlet Conn. NPT or BSPT	Capacity size	Orifice Diam.Nom. mm	Maximum free passage diam.mm	Capacity (liters per minute)										Spray angle		
				0.3bar	0.5bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7bar	10bar	0.5bar	1.5bar	6bar
1/8, 1/4, 3/8, 1/2	3.5	1.6	1.3	0.98	1.1	1.5	2.2	2.6	3	3.3	3.6	3.9	4.5	43°	50°	46°
1/4, 3/8, 1/2	6.5	2.38	1.6	1.7	2.1	2.8	4	4.8	5.5	6.1	6.7	7.1	8.4	45°	50°	46°
	10	3.18	1.6	2.5	3.3	4.5	6.2	7.4	8.5	9.4	10.2	11	13	58°	67°	61°
3/8, 1/2	15	3.6	2.4	3.1	4.9	6.7	9.3	11.2	12.7	14.1	15.4	16.5	19.4	64°	67°	61°
	22	4.5	2.8	6	7.2	9.4	13.6	16.4	18.7	21	23	24	28	87°	90°	82°
1/2	25	4.6	3.2	7	8.2	10.5	15.4	18.6	21	24	26	27	32	64°	67°	61°

## PERFORMANCE DATA (QGW SPRAY TIP)

Nozzle inlet Conn. NPT or	Capacity size	Orifice Diam.Nom.	Maximum free	Capacity (liters per minute)								Spray angle		
				0.3bar	0.5bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	0.3bar	0.7bar	0.6bar
1/8, 1/4, 3/8, 1/2	2.8W	1.6	1			1.2	1.7	2	2.3	2.5	2.7	120°	120°	102°
1/4, 3/8, 1/2	5.6W	2.4	1		1.8	2.5	3.4	4	4.6	5.1	5.5	120°	120°	102°
	8W	2.4	1.3		2.6	3.6	4.8	5.8	6.6	7.2	7.8	120°	120°	103°
	10W	2.8	1.3	2.6	3.3	4.5	6	7.2	8.2	9.1	9.8	112°	120°	103°
	12W	3.2	1.3	3.1	3.9	5.3	7.3	8.7	9.8	10.9	11.8	114°	120°	103°
	14W	3.6	1.6	3.7	4.6	6.2	8.5	10.1	11.5	12.7	13.7	114°	120°	103°
3/8, 1/2	20W	4.4	2.4	5.2	6.6	8.9	12.1	14.5	16.4	18.1	19.6	114°	120°	104°

## ORDERING INFORMATION



## COMMON APPLICATIONS

- Cooling and quenching
- Product washing
- Air and gas washing
- Gas control
- Dust control
- Gas scrubbing
- Fire protection