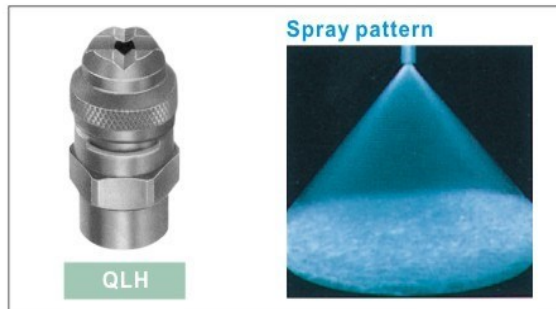


# QLH square spray nozzles

## DESIGN FEATURES

QLH spray nozzle tips features a solid cone-shaped spray pattern...and are well-suited for installations requiring complete coverage of rectangular area or spray zones.

The spray angles vary from 40° to 82°.



## PERFORMANCE DATA

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	7 bar	10 bar	0.5bar	1.5bar	6bar
1/8, 1/4, 3/8, 1/2	3.6SQ	1.6	1.3	0.93	1.2	1.6	2.2	2.7	3.1	3.4	3.7	4	4.7	40°	52°	47°
	6SQ	2.4	1.3	1.5	2	2.7	3.7	4.5	5.1	5.6	6.1	6.6	7.8	60°	66°	60°
1/4, 3/8, 1/2	10SQ	2.8	1.6	2.6	3.3	4.5	6.2	7.4	8.5	9.4	10.2	11	13	62°	67°	61°
	12SQ	3.2	1.6	3.1	3.9	5.4	7.4	8.9	10.2	11.3	12.3	13.2	15.5	70°	75°	68°
	14.5SQ	3.9	1.6	3.7	4.7	6.5	9	10.8	12.3	13.7	14.8	15.9	18.8	78°	82°	75°
3/8, 1/2	18SQ	4.0	2.4	4.6	5.9	8.1	11.1	13.4	15.3	17	18.4	19.8	23	71°	75°	68°
1/2	36SQ	6.4	3.2	9.3	11.8	16.2	22	27	31	34	37	40	47	78°	82°	75°

Remark  
Brass  
SS-Stainless steel  
SS304  
Ss316

## ORDERING INFORMATION

QW — 1/4BSP — 3.6SQ — SS  
 ↓            ↓            ↓            ↓  
 Nozzle body Nozzle tip Capacity size Material code

## COMMON APPLICATIONS

- Cooling and quenching
- Product washing
- Air and gas washing
- Scrubbers
- Liquor washers
- Dust control
- Fire protection